

# OpenPGP Keys

Revision: [44943](#)  
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These OpenPGP keys can be used to verify a signature or send encrypted email to FreeBSD.org officers or developers. The complete keyring can be downloaded at <http://www.FreeBSD.org/doc/pgpkeyring.txt>.

## 1. Officers

### 1.1. Security Officer Team <[security-officer@FreeBSD.org](mailto:security-officer@FreeBSD.org)>

```
pub   rsa4096/ED67ECD65DC6AE7 2013-09-24 [expires: 2018-01-01]
       Key fingerprint = 1CF7 FF6F ADF5 CA9F BE1B 8CB2 ED67 ECD6 5DCF 6AE7
uid
       FreeBSD Security Officer <security-officer@FreeBSD.org>
sub   rsa4096/B64357A343D9CBAE 2013-09-24 [expires: 2018-01-01]
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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## 1.2. Security Team Secretary <secteam-secretary@FreeBSD.org>

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pub 4096R/3CB2EAFCC3D6C666 2013-09-24 [expires: 2018-01-01]
    Key fingerprint = FA97 AA04 4DF9 0969 D5EF 4ADA 3CB2 EAFD C3D6 C666
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org> FreeBSD Security Team Secretary <secteam-secretary@FreeBSD.org>
sub 4096R/509B26612335EB65 2013-09-24 [expires: 2018-01-01]
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### 1.3. Core Team Secretary <core-secretary@FreeBSD.org>

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pub  rsa4096/36A7C05FE1ECF9BB 2014-07-09 [SC] [expires: 2017-07-08]
      Key fingerprint = C07B F5E3 10AE 64BF 6120 B0F6 36A7 C05F E1EC F9BB
uid                               FreeBSD Core Team Secretary <core-secretary@freebsd.org>
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sub  rsa4096/7B5150C8D7CE5D02 2014-07-09 [E] [expires: 2017-07-08]
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#### 1.4. Ports Management Team Secretary <portmgr-secretary@FreeBSD.org>

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      FreeBSD Ports Management Team Secretary <portmgr-
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sub   rsa2048/5CC117965F65CFE7 2012-07-24 [E]

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## 2. Core Team Members

### 2.1. Gavin Atkinson <[gavin@FreeBSD.org](mailto:gavin@FreeBSD.org)>

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pub 4096R/4DA114E5C4A2E57F 2013-09-25 [expires: 2018-09-24]
    Key fingerprint = A12B D878 2A5E A90F D37C 43BC 4DA1 14E5 C4A2 E57F
uid      Gavin Atkinson (Work email) <gavin.atkinson@york.ac.uk>
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## 2.2. David Chisnall <theraven@FreeBSD.org>

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          Key fingerprint = 3E8F 5E9F 7586 F090 AC2C 58C2 BA06 FF14 65C4 F55D
uid      David Chisnall <theraven@FreeBSD.org>
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Comment: GPGTools - http://gpgtools.org

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## 2.3. Baptiste Daroussin <bapt@FreeBSD.org>

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pub  rsa4096/63898BDCF1B73E5A 2015-12-03 [expires: 2025-12-06]
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uid                               Baptiste Daroussin <bapt@FreeBSD.org>
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-----END PGP PUBLIC KEY BLOCK-----

```

## 2.4. Ed Maste <emaste@FreeBSD.org>

```

pub   rsa2048/5D9A9C3B43EEF099 2015-07-08 [expires: 2017-07-07]
      Key fingerprint = F7E1 F016 EF5B 923A 6134 8BC8 5D9A 9C3B 43EE F099
uid           Ed Maste <emaste@freebsd.org>
sub   rsa2048/A294A95EA92D2D89 2015-07-08 [expires: 2017-07-07]

```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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## 2.5. George V. Neville-Neil <[gnn@FreeBSD.org](mailto:gnn@FreeBSD.org)>

```
pub 1024D/440A33D2 2002-09-17
    Key fingerprint = AF66 410F CC8D 1FC9 17DB 6225 61D8 76C1 440A 33D2
uid          George V. Neville-Neil <gnn@freebsd.org>
uid          George V. Neville-Neil <gnn@neville-neil.com>
sub 2048g/95A74F6E 2002-09-17
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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## 2.6. Hiroki Sato <hrs@FreeBSD.org>

```

pub 1024D/2793CF2D 2001-06-12
    Key fingerprint = BDB3 443F A5DD B3D0 A530 FFD7 4F2C D3D8 2793 CF2D
uid      Hiroki Sato <hrs@allbsd.org>
uid      Hiroki Sato <hrs@eos.ocn.ne.jp>
uid      Hiroki Sato <hrs@ring.gr.jp>
uid      Hiroki Sato <hrs@FreeBSD.org>
uid      Hiroki Sato <hrs@jp.FreeBSD.org>
uid      Hiroki Sato <hrs@vlsi.ee.noda.tus.ac.jp>
uid      Hiroki Sato <hrs@jp.NetBSD.org>
uid      Hiroki Sato <hrs@NetBSD.org>
uid      Hiroki Sato <hrs@ec.ss.titech.ac.jp>
uid      Hiroki Sato <hrs@ieee.org>
uid      Hiroki Sato <hrs@acm.org>
uid      Hiroki Sato <hrs@bsdconsulting.co.jp>
uid      Hiroki Sato <hrs@bsdresearch.org>
uid      Hiroki Sato <hrs@ec.ce.titech.ac.jp>
sub 1024g/8CD251FF 2001-06-12

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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## 2.7. Gleb Smirnov <glebius@FreeBSD.org>

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pub 2048D/6C7E5E82 2013-01-30 [expires: 2023-08-25]
    Key fingerprint = 6E06 7260 B83D CF2C A93C 566F 5185 0968 6C7E 5E82
uid                               Gleb Smirnov <glebius@FreeBSD.org>
sub 2048g/11E89DCE 2013-01-30 [expires: 2023-08-25]

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## 2.8. Peter Wemm <[peter@FreeBSD.org](mailto:peter@FreeBSD.org)>

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pub 1024D/1512AE527277717F 2003-12-14
Key fingerprint = 622B 2282 E92B 3BAB 57D1 A417 1512 AE52 7277 717F
uid Peter Wemm <peter@wemm.org>
uid Peter Wemm <peter@FreeBSD.ORG>
sub 1024g/2C5F53778B40D9D1 2003-12-14

pub 2048R/35D69709EC809E04 2014-05-08 [expires: 2024-05-05]
Key fingerprint = 060A C0D1 5AFF BDF3 55B8 FA14 35D6 9709 EC80 9E04
uid Peter Wemm <peter@wemm.org>
uid Peter Wemm <peter@FreeBSD.org>
sub 2048R/B5D591B339B03C75 2014-05-08 [expires: 2024-05-05]

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## 3. Developers

### 3.1. Ariff Abdullah <ariff@FreeBSD.org>

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pub 1024D/C5304CDA 2005-10-01
Key fingerprint = 5C7C 6BF4 8293 DE76 27D9 FD57 96BF 9D78 C530 4CDA
uid Ariff Abdullah <skywizard@MyBSD.org.my>
uid Ariff Abdullah <ariff@MyBSD.org.my>
uid Ariff Abdullah <ariff@FreeBSD.org>
sub 2048g/8958C1D3 2005-10-01

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### 3.2. Thomas Abthorpe <tabthorpe@FreeBSD.org>

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Key fingerprint = D883 2D7C EB78 944A 69FC 36A6 D937 1097 A473 C990
uid Thomas Abthorpe (FreeBSD Committer) <tabthorpe@FreeBSD.org>
uid Thomas Abthorpe <tabthorpe@abthorpe.org>
uid Thomas Abthorpe <tabthorpe@goodking.ca>
uid Thomas Abthorpe <tabthorpe@goodking.org>
uid Thomas Abthorpe <thomas@goodking.ca>
sub 2048R/A9484A518CA60EE0 2010-05-28
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### 3.3. Eitan Adler <eadler@FreeBSD.org>

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### 3.4. Matthew Ahrens <mahrens@FreeBSD.org>

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### 3.5. Shaun Amott <[shaun@FreeBSD.org](mailto:shaun@FreeBSD.org)>

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### 3.6. Henrik Brix Andersen <brix@FreeBSD.org>

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### 3.7. Matthias Andree <[mandree@FreeBSD.org](mailto:mandree@FreeBSD.org)>

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pub      1024D/052E7D95 2003-08-28
          Key fingerprint = FDD0 0C43 6E33 07E1 0758 C6A8 BE61 8339 052E 7D95
uid           Matthias Andree <mandree@freebsd.org>
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sub      1536g/E65A83DA 2003-08-28

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### 3.8. Will Andrews <will@FreeBSD.org>

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pub 1024D/F81672C5 2000-05-22 Will Andrews (Key for official matters) <will@FreeBSD.org>
    Key fingerprint = 661F BBF7 9F5D 3D02 C862 5F6C 178E E274 F816 72C5
uid                               Will Andrews <will@physics.purdue.edu>
uid                               Will Andrews <will@puck.firepipe.net>
uid                               Will Andrews <will@c-60.org>
uid                               Will Andrews <will@csociety.org>
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sub 1024g/55472804 2000-05-22

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### 3.9. Dimitry Andric <dim@FreeBSD.org>

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p3ZoprcVEgZaEA==
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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.10. Eric Anholt <anholt@FreeBSD.org>

```

pub 1024D/6CF0EAF7 2003-09-08
    Key fingerprint = 76FE 2475 820B B75F DCA4 0F3E 1D47 6F60 6CF0 EAF7
uid Eric Anholt <eta@lclark.edu>
uid Eric Anholt <anholt@FreeBSD.org>
sub 1024g/80B404C1 2003-09-08

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.11. Marcus von Appen <mva@FreeBSD.org>

```
pub 1024D/B267A647 2009-02-14
    Key fingerprint = C7CC 1853 D8C5 E580 7795 B654 8BAF 3F12 B267 A647
uid          Marcus von Appen <freebsd@sysfault.org>
uid          Marcus von Appen <mva@freebsd.org>
sub 2048g/D34A3BAF 2009-02-14
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.12. Marcelo Araujo <araujo@FreeBSD.org>

```
pub 1024D/53E4CFA8 2007-04-27
    Key fingerprint = 9D6A 2339 925C 4F61 ED88 ED8B A2FC 4977 53E4 CFA8
uid          Marcelo Araujo (Ports Committer) <araujo@FreeBSD.org>
sub 2048g/63CC012D 2007-04-27
```

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.13. Mathieu Arnold <mat@FreeBSD.org>

```

pub 4096R/0x3A4516F35183CE48 2013-09-23 [expires: 2018-09-22]
    Key fingerprint = 3AB6 9789 D2ED 1210 6440 BA5B 3A45 16F3 5183 CE48
uid [ full -] Mathieu Arnold <mat@FreeBSD.org>
uid [ full -] Mathieu Arnold <mat@mat.cc>
uid [ full -] Mathieu Arnold <m@absolight.fr>
uid [ full -] Mathieu Arnold <m@w2my.net>
sub 4096R/0xA99F9AA711E3DFC9 2013-09-23 [expires: 2018-09-22]

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### 3.14. Takuya ASADA <syuu@FreeBSD.org>

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pub 2048R/43788F78 2012-11-21
Key fingerprint = 31CE 242E 6F4F F24F EE4D 9BBB 0890 2C5F 4378 8F78
uid Takuya ASADA <syuu@freebsd.org>
sub 2048R/A87B0906 2012-11-21

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### 3.15. Satoshi Asami <[asami@FreeBSD.org](mailto:asami@FreeBSD.org)>

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pub 1024R/1E08D889 1997-07-23 Satoshi Asami <asami@cs.berkeley.edu>
    Key fingerprint = EB 3C 68 9E FB 6C EB 3F DB 2E 0F 10 8F CE 79 CA
uid Satoshi Asami <asami@FreeBSD.ORG>
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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### 3.16. Gavin Atkinson <[gavin@FreeBSD.org](mailto:gavin@FreeBSD.org)>

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pub 4096R/4DA114E5C4A2E57F 2013-09-25 [expires: 2018-09-24]
    Key fingerprint = A12B D878 2A5E A90F D37C 43BC 4DA1 14E5 C4A2 E57F
uid      Gavin Atkinson (Work email) <gavin.atkinson@york.ac.uk>
uid      Gavin Atkinson (Work email - deprecated) <ga9@york.ac.uk>
uid      Gavin Atkinson (URY email) <gavin.atkinson@ury.york.ac.uk>
uid      Gavin Atkinson (FreeBSD key) <gavin@FreeBSD.org>
sub 4096R/443BBD9486DFCC25 2013-09-25 [expires: 2018-09-24]
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.17. Joseph S. Atkinson <[jsa@FreeBSD.org](mailto:jsa@FreeBSD.org)>

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pub      2048R/21AA7B06 2010-07-14
Key fingerprint = 5B38 63B0 9CCA 12BE 3919 9412 CC9D FC84 21AA 7B06

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uid      Joseph S. Atkinson <jsa@FreeBSD.org>
uid      Joseph S. Atkinson <jsa.bsd@gmail.com>
uid      Joseph S. Atkinson <jsa@wickedmachine.net>
sub      2048R/5601C3E3 2010-07-14
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.18. Philippe Audeoud <jadawin@FreeBSD.org>

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pub 4096R/3D5DD05DE3EDC705 2014-05-27 [expires: 2016-05-26]
    Key fingerprint = C1CA C5C4 F29A 40BF 507A D85B 3D5D D05D E3ED C705
uid                                     Philippe Audeoud <jadawin@tuxaco.net>
uid                                     Philippe Audeoud (Main ID) <philippe@tuxaco.net>
uid                                     Philippe Audeoud (FreeBSD) <jadawin@FreeBSD.org>
sub 4096R/BC29A282B624266C 2014-05-27 [expires: 2016-05-26]
sub 4096R/705007E333EEE843 2014-05-27 [expires: 2016-05-26]
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### 3.21. John Baldwin <jhb@FreeBSD.org>

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pub    dsa1024/72DE520677E37F04 2006-08-02
Key fingerprint = 9E54 9A1D DA2E 0F0B F3FA 713D 72DE 5206 77E3 7F04

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uid      John Baldwin <john@baldwin.cx>
uid      John Baldwin <jhb@FreeBSD.org>
sub      elg2048/07EEC9ABEB4C6ADF 2006-08-02
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### 3.22. Glen Barber <gjb@FreeBSD.org>

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pub      rsa2048/524F0C37A0B946A3 2010-08-03 [expires: 2018-09-22]
         Key fingerprint = 78B3 42BA 26C7 B2AC 681E A7BE 524F 0C37 A0B9 46A3
uid      Glen Barber <gjb@FreeBSD.org>
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uid      Glen Barber <gjb@glenbarber.us>
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sub      rsa2048/EA524D216C0527E5 2010-08-03
sub      rsa4096/B96CDDEAAF8B5ED0 2013-09-23 [expires: 2018-09-22]
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sub   rsa4096/D69CAA1C932929D7 2013-09-23 [expires: 2018-09-22]
sub   rsa4096/031458A5478FE293 2014-09-26 [expires: 2017-09-25]
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### 3.23. Nick Barkas <[snb@FreeBSD.org](mailto:snb@FreeBSD.org)>

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pub  2048R/DDADB9DC 2010-07-27
      Key fingerprint = B678 6ECB 303D F580 A050  098F BDFF 4F3D DDAD B9DC
uid  S. Nicholas Barkas <snb@freebsd.org>
sub  2048R/36E181FB 2010-07-27
sub  2048R/BDA4BED3 2010-07-29
sub  2048R/782A8737 2010-07-29

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### 3.24. Simon Barner <barner@FreeBSD.org>

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pub 1024D/EBADA82A 2000-11-10
Key fingerprint = 67D1 3562 9A2F 3177 E46A 35ED 0A49 FEFD EBAD A82A
uid Simon Barner <barner@FreeBSD.org>
uid Simon Barner <barner@in.tum.de>
uid Simon Barner <barner@informatik.tu-muenchen.de>
uid Simon Barner <barner@gmx.de>

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.25. Jan Beich <jbeich@FreeBSD.org>

```
pub 2048R/E4C77883479DBDDDB 2015-01-05 [expires: 2018-01-04]
    Key fingerprint = DB44 3674 C7D2 3578 6E14 92CE E4C7 7883 479D BDDDB
uid                               Jan Beich <jbeich@FreeBSD.org>
uid                               Jan Beich <jbeich@vemail.net>
sub 2048R/4E6607EF660A8DEC 2015-01-05 [expires: 2018-01-04]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.26. Artem Belevich <[art@FreeBSD.org](mailto:art@FreeBSD.org)>

```

pub      2048R/9ED4C836 2011-03-28
          Key fingerprint = 7400 D541 07ED 3DF3 3E97 F2D5 8BDF 101C 9ED4 C836
uid       Artem Belevich <artemb@gmail.com>
uid       Artem Belevich <art@freebsd.org>
sub      2048R/55B0E4EB 2011-03-28

```

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```

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=IDLa
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.27. Anton Berezin <[tobez@FreeBSD.org](mailto:tobez@FreeBSD.org)>

```
pub 1024D/7A7BA3C0 2000-05-25 Anton Berezin <tobez@catpipe.net>
    Key fingerprint = CDD8 560C 174B D8E5 0323 83CE 22CA 584C 7A7B A3C0
uid                               Anton Berezin <tobez@tobez.org>
uid                               Anton Berezin <tobez@FreeBSD.org>
sub 1024g/ADC71E87 2000-05-25
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.28. Damien Bergamini <damien@FreeBSD.org>

```
pub      2048R/D129F093 2005-03-02
          Key fingerprint = D3AB 28C3 1A4A E219 3145 54FE 220A 7486 D129 F093
uid       Damien Bergamini <damien.bergamini@free.fr>
uid       Damien Bergamini <damien@FreeBSD.org>
sub      2048R/9FBA73A4 2005-03-02
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=uQuq
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.29. Tim Bishop <tdb@FreeBSD.org>

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pub      rsa4096/6C226B37FDF38D55 2013-08-07 [expires: 2018-08-20]
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uid       Tim Bishop <T.D.Bishop@kent.ac.uk>
uid       Tim Bishop <tdb@FreeBSD.org>
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8S3+oUpkHbaSN3LZr94xUJ3q1c3PB9s4AuqFi8Ls014p1ohQfUDy4XPY6BPfEybVl
Vu4PqV1a48rE0fKyBsMNL0Vb7gpBmUeZV7CBGE0IZ07k2AxyZxcGbAXKS6YwNUKX
gfi6iwyYjXs00Z09tIqcvAu8liV08qhEz0rt8kU8uoGY/1tUyExUrdqVrk023yVvc
CVkuIACAxvAIqB1jDx2jSspb3sr00iAh1VECVe8jRSaMMCueyopeW4IBatyJPwE9
qY3yuF0bUY75jmTgrjxYgsoyXcL7oBm8DKBqUkpXtZ1LanFIUxudZWJDPppRG0gQ
6dnPlmQ6Hn2rix7tYgeOLLzrDXc1kqFsJpJSNQd1361jsQKy4tWILKwtJ3rS2F+p
VUKHZuqmnjnquQINBFIcZ+ABEAC7+hWUf94Y6DXa9fR9SMOBzUTWTcav6vN02m0W
9BueMN0ad/zZ0iyx1KSIAI6U9bh+kRge/OR4tfDxjtnQs01w7vmExFmftUBEDoe7
FuKuM++LZpwLaDvnbKXp9BpzFu/P0Z7tIwEquFSyZwewrBWBqa1KzRozSP0ldCmV
Jnk2qYvfec09LrDFwhBZSpRrVEyr5H1BKQ4wNzhiButmuRLzcnl2VxaWdvKz8hFF
AXNYscuQGefJ7PYzvWGZXNqpY2x9wSSf7FLCF+DxdPMc0XFA06y2cYsuKE1BDl3x
MSF+vEbq8do039Z00H+AWXP6GgdXoasVen7rSdVSzXfUJAi6p8z+BaADbQB49PLi
lkt6ZUEUvCBjHK2VgBLgo4eRsiUhf0rMR5LZJbY36RaDnnMeCUT+AIBCg/+uVLFK
LkifjCX8pjFH+NDok8tFPE/7biL1RR3bKrxU087V+s0pU2q1869F+MH++vYp4r8Y
HThn9Pe+XagGL2gz8tJpc2xocYsXptIj4fzQU8A6oyTB02YiyfHNWSUWIOUzaqu
9INaPmwzmGq8piAP/WF1/p2hn6LI4RbXiXf1I7FboBLKGCACHkfxl2m6nTM8vUd
NJcSVW2Uy9aBVyn6oHigJKLCsZAlZnRFnk26JD3IipjejnDL9MM2aKrU978W8jRp
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/jwXIZyGuFmZjQZ5U14U9/tsQijf5wgbFBi2ts9e2HX75whSZIK8PyJc9eDjsk
BY9kaHVoVeZGBWXPJR46lp8gZICfsmBTD8UxrQxZ4VJltqNiRP17+4CYhunKLSvL
54kgOKlyIiGcbjX5rYwLUHGxjTEPHJIPwiU0q0e3vYP8hdK0M0kxav6hGgL3YTrp
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SYtbAxINrr5fxn4bZ+vC2q+QRWpyqDli+S9qWaoTKTFirdJkwijKMbdGtakFZgEZ
jwqX5A+Biaa2uPo8nhqtr0Bm4+SnvGB05oVUozog7Bn5/p0St6x33FLEUrZ6zvGv
PcLJ4YXqYLN8dAQ9NZFBSiYay8Y0TAcgKx/0FfJWWRxo
=uRDQ
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.30. Grzegorz Blach <gblach@FreeBSD.org>

```

pub      rsa2048/522D783808809986 2015-10-11 [expires: 2018-10-10]
Key fingerprint = 3177 46ED D8A4 1544 E2E2 4420 522D 7838 0880 9986

```

```
uid      Grzegorz Blach <gblach@FreeBSD.org>
uid      Grzegorz Blach <grzegorz@blach.pl>
sub      rsa2048/248FCA5269C6306A 2015-10-11 [expires: 2018-10-10]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQENBFYaqSQBCACcu8AdcNh5rl7tusH7QCj/i06A160FBWKRqaXefjyTvPzvaH1Q
QALq6L+YauhYDPk1U1hRYYscFnldcd6JRWxBb20n5l0RWpakFbtGk08Iy3gi6mC8N
xekysAxRr/4BRQqGIDhgyaPYN0llniT/EarzwL8X7oHeqh0/H/47B+4UPcdzKXH
MoiwenopG+D7/NK6WJtAR0j2ZblsvZNQ+byUQuHeqnZN/OzUYC4r3Jw/QHi6wRbE
qqP+K0zjlMQbsilUf746uX3WoWq/3WumBDpx2ItDgJl6PR6peyPBp5K73TEpGZL
xSme//UM4F8yySEKjLN3CxsjLhXfMdkhBQM5ABEBAAG0IkdyemVnb3J6IEJsYWNo
IDxncnplZ29yekBibGFjaC5wbD6JAT0EEwEIAccFALYaqSQCGwMFCQWjmoAFCwkI
BwIGFQgJCgsCBBYCAwECHgECF4AACGkQUI140AiAmYYUCwf/Zz1g7LS3BYr4MkB2
30wLEutxfpFGfo06KTeU02IKc8rgVWjhyWsjSO+ZsM7ApKbnlhB2WcrDrFUydpe/
08aTjXucjIoEXZi7QCWR6FuWPyPPezgk26pqwE9RCSQE1+I1AkI+gk+wwHs/9kQA
oNvGfF1QZAhg0XABd+18aGHqysAtEgCw+RC5c898ZQ3HcMRBuC3DcaMzAXFTJl8C
4x0xtaWpCiRXTsGwpJhBdTve59nzx9cN7ez5SqXr43sIcQ8K4df7RcsycE2qWfX
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L8JWYLQjR3J6ZwDvcnogQmxhY2ggPGdibGFjaEBGcmVlQlNELm9yZz6JAT0EEwEI
ACcFALYaqXQCgMFCQWjmoAFCwkIBwIGFQgJCgsCBBYCAwECHgECF4AACGkQUI14
0AiAmYZfLQf8CdZ4Z054x4c20NGELQrMSJNFRKJMrnuSzn+hlP/zWS1WiWfZ/dP
EXMXZ0/HZFq/ukbwBmA/Po6592LsdBzayf1/rhfC9oGAd8UpscW98mxpzJgnbFsH
KiERGLuMb40PaE7X0A2LIQ0Qa/hsVoIAnVBcjAoHG00450PuTV2MT1zfRoL/Tb3m
Va7szFEi3RDCBHqXzu60e5GjNn1udH7gDVQ0PMiv0aeHrp3LoBTjfxrM/cr37ov9
qzjdpPIZa9iTZow/cI3gtzi0dodPUQz72mtM998MiPLIVyLkq/rihb0ankMmCVLh
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C+iFaBUlNuiwHePDZqUHcs7907Em5xIe2+VY2qteryitWkt3bcU7TFnfZ9KYYvts
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=zLXM
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.31. Martin Blapp <[mb@FreeBSD.org](mailto:mb@FreeBSD.org)>

```
pub 1024D/D300551E 2001-12-20 Martin Blapp <mb@imp.ch>
    Key fingerprint = B434 53FC C87C FE7B 0A18 B84C 8686 EF22 D300 551E
sub 1024g/998281C8 2001-12-20
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-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

```
mQGIBDwhwB0RBACelK3FYxd6cT5ukbiSdVLHPLfzgh3F34JfS6Q4FMXgEAPtx7iy
U4Lc8A4Z2gCq1ZHBZTzKc61U+nzHe+eUWtAj0h3qDP4D0d7JCZbh4SW6dMIC7MAM
/9J5b6e2fIIIn3rzbr0XSW7CJPox2D/zZcT1b727Wgy5NHUob3qej/zhwwCgrZ0o
KBapUXgnKhesQzKLh2wWCJKD/3njAzJsFS7nDdTssMtd7ip9W9uN0FLuJ1/Sg5S
332BUby73hNzSXlS4rhtQB6NVBRLfGASuEYBJQIEz6aa0/LDprIxTusCTr0/EGqa
Dy5y4XE1ClIyZ0yVw05UjiT0Z7Mu/kUTBBzQ2i15lxjzXBt9pNifvtcKBhcDmdzQ
zepQA/9Jio4IBFmjPdSl3kpva8KqP7VXKFMMBVT9SztYVIEiFgbvff/YCqzkE5RD
0PWUFPF3o8rzsCovlpySfUNLULfqxEZ+5+/5ky7AbJ6Vmyn7TL+mBSZs4mTV7ktN
526ngUaw2j+a02SdWao/di+sRutrgRjJqyvgn1YGnrSoKbMJ7QYTWfYdGluIEJs
YXBwIDxtYkbpBpXAUy2g+iFcEEeECABcFAjwhwB0FCwCAwQDFQMCAxYCAQIXgAAK
```



```

CRCGhu8i0wBVHh3IAKCDMueq8RCcR0+3Lc+u0yXqDKCf3QCgpVWa7oS6LTiNwSP
enZ7+4g+TkK5AQ0EPCHAIhAEAI3iAhZEDBjyJvPS74CXq1pWvXfQUCYADcc/Cuv
3xrr1p4ff3oYc+IIVde0QktKWRP1dK7v1JLmqFsNQQIs+NtgHy0+azyX5vJGVRTg
aCIuMMTnrDBC7VbAnWxtTHF5VKmmd891Y+nk68p5YVnRPe/fReXEY6dA9lqW0bN2
f2jLAAMGA/9rMbPpnRy+uvaAQChkHvOV1RnDAhN2R+U9u3d0uNnv7sWa/TJrcdig
KNUsUvXqIXVqEMrYHTbCVC4mLMd51MLARiIK0aHeynRZYkEmdi5X7EiBLS9dCue
7+vMz4jV6MRIGyr8TBy3CEFIdAnpY6EIVd326PzYIgx8UZw3oEvjGIhGBBgRAGAG
BQI8IcAiAAoJEIaG7yLTAFUetM4AoJg56qwlR8E1iEs0F33G6P0GCWnCAJ4mW9E3
25TD51pcom8Plwy1BkuBSw==
=oE+K
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.32. Warren Block <wblock@FreeBSD.org>

```

pub  2048R/BB37E0C846CB85CF 2014-03-13 [expires: 2017-03-12]
      Key fingerprint = EC53 662F FEFE D6F4 2DBA B483 BB37 E0C8 46CB 85CF
uid   Warren Block <wblock@FreeBSD.org>
uid   Warren Block <wblock@wonkity.com>
sub   2048R/D79E292E145902B5 2014-03-13 [expires: 2017-03-12]

```

```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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cmmsVse83ivZYyowqxj4ire020LPTCRVASPtax+DDad/u7YIBRibxJEVfo32mkz5
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5wGI4x76AQnbvn75uHJVP4FUha2z0GmF/8Yga5ViwW6nalvFAoJ0+Bpi0mPyTGXl
xZZWeDhZMdlExk9V9Yqrek3A69ig/cFVgjkCUkGX8cQAjY4W2doA6D7q5l5aVtc9
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Be53FcgGFRgYiIay/BOLGP7i08FyQwnKLxdBIrWk+//PHLq3kN6woA7YMGq49jfb
KL2Vls+DkiuCoT8L0L5TeRNS+mCd8Cmm2WRg8qA0DhpcvjdVauyECgN4kRUWoRZ
QCpk0EnWP1dkL/lj2Bw62Cl4ajpjI7kBDQRTIPnSAQgAsk17Qjdsutky6klen70
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v6le0pRSxgRv2hT99kdQbTDGrnyc58CYL0xJ3CD0lsNazEImfIcpkqS/7BNqp3yF
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MTWITsv6PmQtw1b2U7XGkwDDfovYYjB/w7xdEHn3qRBg9hNqcgWgXE9mZcIMRJHN
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ISy0+j/gZmw1/KJFsrYLJ78H+jpRRQvZ1DNtkvSsxMbmJqwP3HqcTEgq6UinzuBA
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rAAsFRWSLWqr0TOiplU=
=U5nQ
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.33. Vitaly Bogdanov <bvs@FreeBSD.org>

```

pub  1024D/B32017F7 2005-10-02 Vitaly Bogdanov <gad@gad.glazov.net>
      Key fingerprint = 402E B8E4 53CB 22FF BE62 AE35 A0BF B077 B320 17F7

```

```
uid Vitaly Bogdanov <bvs@freebsd.org>
sub 1024g/0E88C62E 2005-10-02
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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mQGiBEM/sJgRBAD26RM3o9QC+V5J06/zr3ffRnNb08Bc6YIvpTd8yUhc4AIa1Zbg
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w/In683ytXREuidcak8qWq4GAKET20sIICV7Ye56HJDlKrt0jUWDhVQJvwCg8jUp
CDtJ8V6Cw6GgJxH1iaNR1X0EAMKCUJwZgIoh2Rppqfrbwv92AD7dmaJJLVfnUSMCE
Gvjcz+041PpWi3PkxmgA3Zb0sJ30SfgPi3Tnj3Nllyhqnf3W01Yumzq3myBg+F/
qH9a8BXvVJlk/2cbYUC6uJeGMCC971X3hceu51J41k0ano7/ALIWeoUC1HhkA0aP
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Qz/PMwAKCRCF1FBFa2kbA/bwAJ4mwLXag5w3scB7heyAtqr7w6491QCghh/fVv3t
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=bBFz
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.34. Zbigniew Bodek <[zbb@FreeBSD.org](mailto:zbb@FreeBSD.org)>

```
pub 2048R/C32C9921 2013-09-04 [expires: 2018-09-03]
Key fingerprint = B3EF DAFC C938 03EE 7B1B 5748 0EBE 8E50 C32C 9921
uid Zbigniew Bodek <zbb@FreeBSD.org>
sub 2048R/62B40108 2013-09-04 [expires: 2018-09-03]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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mQENBFInRrUBCACHJZxWdBVIC74MEQG4ZlWH120/+3tVwLwJQvIFFrzfIHVB7B6
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.35. Roman Bogorodskiy <novel@FreeBSD.org>

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pub      2048R/08C2226A 2010-12-03
          Key fingerprint = 8BA4 DF2A D14F 99B6 37E0 0070 C96D 5FFE 08C2 226A
uid      Roman Bogorodskiy <bogorodskiy@gmail.com>
uid      Roman Bogorodskiy <novel@FreeBSD.org>
uid      Roman Bogorodskiy <rbogorodskiy@apache.org>
uid      Roman Bogorodskiy <rbogorodskiy@griddynamics.com>
sub      2048R/EC4ED237 2010-12-03

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.36. Renato Botelho <[garga@FreeBSD.org](mailto:garga@FreeBSD.org)>

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pub 4096R/9F625790 2012-11-28 [expires: 2017-11-27]
    Key fingerprint = E3DA 9B2A 6160 99CB 4B31 7641 F1F0 E7A1 9F62 5790
uid Renato Botelho (FreeBSD) <garga@FreeBSD.org>
uid Renato Botelho (Personal) <rbgarga@gmail.com>
uid Renato Botelho (FreeBSD) <garga.bsd@gmail.com>
sub 4096R/473CC82A 2012-11-28 [expires: 2017-11-27]
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Comment: GPGTools - http://gpgtools.org
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=jV+3
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.37. Alexander Botero-Lowry <alexbl@FreeBSD.org>

```

pub      1024D/12A95A7B 2006-09-13
         Key fingerprint = D0C3 47F8 AE87 C829 0613 3586 24DF F52B 12A9 5A7B
uid      Alexander Botero-Lowry <alexbl@FreeBSD.org>

```



```
sub 2048g/CA287923 2006-09-13
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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=CUqZ
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.38. Sofian Brabez <[sbz@FreeBSD.org](mailto:sbz@FreeBSD.org)>

```
pub 1024D/2487E57E 2011-03-15 [expires: 2016-03-14]
Key fingerprint = 05BA DC7E F628 DE3F B241 BFBB 7363 51F4 2487 E57E
uid Sofian Brabez <sbrabez@gmail.com>
uid Sofian Brabez <sbz@FreeBSD.org>
uid Sofian Brabez <sbz@6dev.net>
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
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```

```

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.39. Edson Brandi <[ebrandi@FreeBSD.org](mailto:ebrandi@FreeBSD.org)>

```

pub 3072R/FFD3035B 2012-11-26 [expires: 2017-11-25]
    Key fingerprint = 443B 5363 564F 06C3 EA54 9482 209E 9B54 FFD3 035B
uid Edson Brandi <ebrandi@FreeBSD.org>
uid Edson Brandi <ebrandi@fugspbr.org>
uid Edson Brandi <ebrandi@ebrandi.eti.br>
uid Edson Brandi <edson.brandi@gmail.com>
uid Edson Brandi <ebrandi@primeirospassos.org>
uid Edson Brandi <ebrandi@gmail.com>
uid Edson Brandi <ebrandi@fug.com.br>
uid Edson Brandi <contato@edsonbrandi.com>
uid Edson Brandi (Born 1977-08-14 in S. S. DA GRAMA, SP - Brazil)
sub 3072R/A34B8175 2012-11-26 [expires: 2013-11-26]
sub 3072R/4EB0E0EA 2012-11-26 [expires: 2013-11-26]
sub 3072R/89917E73 2012-11-26 [expires: 2013-11-26]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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Comment: GPGTools - http://gpgtools.org
```

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2coVipFVQoj1tWVwZ0C36ztL9myZJwyxrfZ6Bu7vvX8Ks5e1rzU2swvo1cKl0IbT  
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```

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4pz/0EKIs0sbltUaLUWdu6rFURDu0LFnZ7UyH64fmFoSFmID18Yf0mw6Ree2zYDo
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JohS06LvfbnE3gWmaNyKWNJvA0EbvT/CND595QivXyIHSVE=
=a02j
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.40. Hartmut Brandt <harti@FreeBSD.org>

```

pub 1024D/5920099F 2003-01-29 Hartmut Brandt <brandt@fokus.fraunhofer.de>
Key fingerprint = F60D 09A0 76B7 31EE 794B BB91 082F 291D 5920 099F
uid Hartmut Brandt <harti@freebsd.org>
sub 1024g/21D30205 2003-01-29

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```

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.1 (FreeBSD)

```

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mQGibD43wzYRBACpuUuayKjLpf+tMndpk0wxmpaPkLFxiA/dIliWjY8I9ItDLZyM
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+/cu+cWiP0Z9uwnKpYmTk8S13sUTtZc0+ixioaUvHzSj0nxQmPIW7dqCDewCgmSVR
6i2aK4oImAa9+ZbCxcg7fCxcD/2xgAAwJSmaiaV/0As3A6I00eSkbkzFSkMF+ms7C
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```



```

fuSk/HJtnktHUxZDgb28j f4X6zfcdTKE5dt5a9w3XHPgdTXjGn7+sQNR4CWDcvq
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KIakJgqJvgCeNLKyNEkyJZh0wZUCeGlzYLRyp/w=
=h/9
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.41. Oliver Braun <[obraun@FreeBSD.org](mailto:obraun@FreeBSD.org)>

```

pub 1024D/EF25B1BA 2001-05-06 Oliver Braun <obraun@unsane.org>
Key fingerprint = 6A3B 042A 732E 17E4 B6E7 3EAF C0B1 6B7D EF25 B1BA
uid Oliver Braun <obraun@obraun.net>
uid Oliver Braun <obraun@freebsd.org>
uid Oliver Braun <obraun@haskell.org>
sub 1024g/09D28582 2001-05-06

```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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f8fre0k8v68+J99mCUUAGL8EANEpcxWbRYgH5KulTzE5nYIt9Wbn247T7goE3yn1
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=wrrS
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.42. Max Brazhnikov <[makc@FreeBSD.org](mailto:makc@FreeBSD.org)>

```
pub 1024D/ACB3CD12 2008-08-18
    Key fingerprint = 4BAA 200E 720A 0BD1 7BB0 9DFD FBD9 08C2 ACB3 CD12
uid                                     Max Brazhnikov <makc@FreeBSD.org>
uid                                     Max Brazhnikov <makc@issp.ac.ru>
sub 1024g/5FAA4088 2008-08-18
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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XSvep/e502PHqsiP8H1zGjMD/0xDwDdLfnN1R5tuNDfZEN09BSRLYYFPmMLP177i
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k/ik+o7v+2XB7BlydRBPwcaJE4fq+CWyAbgRfKR0etwftI3ItrQgTWf4IEJyYXpo
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eHHIAJ9ws2o67xPKbWgdqMxn4MfLK+objg==
=m+nS
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.43. Jonathan M. Bresler <jmb@FreeBSD.org>

```
pub 1024R/97E638DD 1996-06-05 Jonathan M. Bresler <jmb@Bresler.org>
    Key fingerprint = 31 57 41 56 06 C1 40 13 C5 1C E3 E5 DC 62 0E FB
uid                                     Jonathan M. Bresler <jmb@FreeBSD.ORG>
uid                                     Jonathan M. Bresler
uid                                     Jonathan M. Bresler <Jonathan.Bresler@USi.net>
uid                                     Jonathan M. Bresler <jmb@Frb.GOV>
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.44. Antoine Brodin <[antoine@FreeBSD.org](mailto:antoine@FreeBSD.org)>

```
pub 1024D/50CC2671 2008-02-03
Key fingerprint = F3F7 72F0 9C4C 9E56 4BE9 44EA 1B80 31F3 50CC 2671
uid Antoine Brodin <antoine@FreeBSD.org>
sub 2048g/6F4AFBE5 2008-02-03
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.45. Diane Bruce <[db@FreeBSD.org](mailto:db@FreeBSD.org)>

```
pub 2048R/8E9CAA7B 2012-05-16
Key fingerprint = 8B08 E022 705D 0083 64C4 5E60 5148 0C74 8E9C AA7B
uid Diane Bruce <db@db.net>
```



```
uid      Diane Bruce <db@FreeBSD.org>
sub      2048R/932E5985 2012-05-16
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.46. Christian Brueffer <brueffer@FreeBSD.org>

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pub      4096R/A2E0582D3A67DC36 2013-09-23 [expires: 2018-10-23]
         Key fingerprint = 04D7 4375 648A B688 F821 57D2 A2E0 582D 3A67 DC36
uid      Christian Brueffer <christian@brueffer.de>
uid      Christian Brueffer <brueffer@FreeBSD.org>
uid      Christian Brueffer <christian.brueffer@med.lu.se>
sub      4096R/78C8369847E16487 2013-09-23 [expires: 2018-10-23]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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### 3.47. Markus Br  ffer <markus@FreeBSD.org>

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uid    Markus Brueffer <markus@brueffer.de>
uid    Markus Brueffer <buff@hitnet.rwth-aachen.de>
uid    Markus Brueffer <mbrueffer@mi.rwth-aachen.de>
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### 3.48. Sean Bruno <[sbruno@FreeBSD.org](mailto:sbruno@FreeBSD.org)>

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pub 2048R/1201EFCA1E727E64 2014-05-06 [expires: 2017-05-05]
    Key fingerprint = BAAD 4632 E712 1DE8 D209 97DD 1201 EFCA 1E72 7E64
uid                               Sean Bruno (FreeBSD Committer and Clusteradm) ㉿
<sbruno@freebsd.org>
sub 2048R/E1703D6B0E4E4A20 2014-05-06 [expires: 2017-05-05]
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qlpBhS014iAzr2us0ulhHZVv6LVy8Bd+DIWwL5s/5S/YEbvGU2+teKmmLrQ1m4E
tX+0x0UuyEFdP8n2WX1uuFg0DD8zcoSPLcSE6w==
=QZsD
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.49. Ruslan Bukin <[br@FreeBSD.org](mailto:br@FreeBSD.org)>

```
pub 2048R/10F5E66E 2013-09-04
    Key fingerprint = 57DF DADB 15FE EF7A 14C9 1DF3 ABF4 AFEB 10F5 E66E
uid Ruslan Bukin <br@freebsd.org>
sub 2048R/A33057CA 2013-09-04
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----

mQENBFIm+QEBcADVjtwGKebX8ovnb5tNqb8zkiepjvBjJyZNVbzhIccNmn0ZWLi
i6T/q/kUJsLEMIPr9wK/WdUQZRxcKpnmUB6otw0VDsXKhqMa89x1rk444YSfsSzo
lK9dRmJIVtXUZHGESqfMHoBtFJR9MGDhKngvsRpDwV4X4SCioSAAmceSyKTa8mac
BBkjmHVWpFczqYE2HwMvJcv9i4Wtn26R6XvFSE9PheP1l77GJTTrIKY5XlB4JhtQW
OrxdTWxPhbNiHfqts7psIIOMDo/qMUvv3Qun/jUV/HFpZ4An5mw/E0vCWrLDTnRH
ByLqS7G1/Zg7tiMoNkNxyWqYDRueds02B0LbABEBAAG0HVJlc2xhbiBCdWtpbiA8
YnJAZnJlZWJzZC5vcmc+iQE5BBMBAGAjBQJSJvkbAhsDBwJCAcDAGEGFQgCCQoL
BBYCAwECHgECFAAACgkQq/Sv6xD15m6STwGAjzr0ThvhcsD6rFbGUMz1EMeFhLBQ
/z2A7rD1KlKorQxU0Q9J4gD0i40Aa+yRSzfU+6drscxPjN0vRg52TZfCs8e004j5
GwZh2Eo9AEyWLXTI5+sQ7ZZdFZuwaQ53ZEj2r30GpkV/4lxYQaiQ9WoLyrmA9xa
Y7PqRGj9TajrViuVMVwIEI5ZnYi0W7G2UMWP0W0Tt04Ici6i1TJE3a4lCDxb4KKH
fwWCTm3QYWFhNSHvxDMtVvqny+krx+ZrxF6hEnapbPKgs1/CR0K1pRv+wPFIDQu8
3SHjXkq7j3HJks8+0LfkiL6ecT7FPEeYDyem4tFABqL/LEpopzs67qqdirKBDQRS
JvkBAQgA6fDUJPMXKqS+ntQzZULuL6ju14lLkdNW17apYubEvnfSPIA1nXfcPr
+jISFQex0ME10hRkbiVfF3E5vkrV0VQ/8j7srnkyXIe0oh0bvVQg3vjBxnzNcpDt
ynaIr9NzwGMuxulVql8/k70SVjQNf6ee5vxI59isRrxSTIFpCdIMn10b1gUa0cbo
Bh5fiZMwH/b+impqn6ix3j+72/JE+DB2djBDhyQY1mTxwEaxCJzFA2GMKda3aRuh
iK+DyaUBTPDwZwWzjGwNtU1iIH+CaW41c9uNtWLPk00X1PLFANT4W3NoiRlkZ71n
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EKv0r+sQ9eZuK94H/3a4FRjRpw96YtSmyd6StzBITGT0uk0puDb4fNuXkVrdcx1j
elF7Z8SdtaVfgxcutYK100ef27XN6J/04T3iPfHz/+FStZ20gvJixlJl1ZlgFTvW
nBNzbhfH272nUPfwzTHnCUTb3bmeNlT8/ndq2AH3GtqUuxAfPyLepJp0pFQ56asNk
IHDH2wSlQf9/4JSAu4JsvePw07mFT1NhpDqe177qGovj0zgxixp7xz9ZBML8Jrax
7KMY+92j4sn8ErcQzwIesdyp3/4gz+H7EuqUrg4VwJTC/QZk4irevp20A0rexXNd
biC17sFJ06rowI0k5zzeFg910ujHQUwL4p6qTC8=
=ysoS
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.50. Oleg Bulyzhin <[oleg@FreeBSD.org](mailto:oleg@FreeBSD.org)>

```
pub 1024D/78CE105F 2004-02-06
    Key fingerprint = 98CC 3E66 26DE 50A8 DBC4 EB27 AF22 DCEF 78CE 105F
uid Oleg Bulyzhin <oleg@FreeBSD.org>
uid Oleg Bulyzhin <oleg@rinet.ru>
sub 1024g/F747C159 2004-02-06
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGibEAjnDYRBACecNDd39vZ9wnodFLATK+xvhlyX4M3FBEV34t9eVZtJz4916yb
nLZmHwY6awt+nm6FGciSpuCfu7stBCqvPURWETHJgAyXbxEVNyXmXrZ2F50yNMyM
EcbuqLZTjYxxN5mUYswtiNDmdWn+Ivmw46wT0L5Pu+B7W2KVl8mwwbAjwCgl9hA
puTWwN0zFkLDJiULx9eVxnsEAI+QaACe8H2L3XFpNkp6n680ZLW7FBZDD0YjCS4z
nhFg7Bca74t6vnn5Q4miLnDDyOPkZqMBD2nLUkcK/kMfe5uqDUwf/i6sFDwv7d6I
9Ag4tUWLkhxAqaqomesfI2yS4o+QGTJgQdGU3IUrOnMJD7Ascwj7304LYuqYcaqT
KQHSA/9eTg26Ihn9uBpGit+slgkmTHmKgAbg7IaSHSEYRbpmnc0Je794zeWns/oI
vAyGNxEfPQMVRsXHNfMk9A0cLcfssE24a3zw7So33asH2Ha9yYBrfKGrTCPZAsa
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```

```
emhpbIA8b2xLZ0ByaW5ldC5ydT6IXgQTEQIAHgUCQC0cNgIbAwYLCQgHAWIDFQID
AxYCAQIEAQIXgAAKRCRCvItzveM4QXzXVAJ9RD4kKNcvV8UmuBM66osVfZ/7yIwCg
htVf/ZfKdcob1zQsBNNpmzKpduKIRgQTEQIABgUCQC0gsQAKCRD9LjUgMMgeateB
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EH/ivmrXZSaHlr0MJjt6rnmUfqa0IE9sZWcgQnVseXpoaw4gPG9sZWdARnJLZUJT
RC5vcmc+iGAEEExECACAFakOMPS0CGwMGcwkIBwMCBBUCCAMEFgIDAQIEAQIXgAAK
RCRCvItzveM4QX+tfAKCLk3zeTyzbN6TqYpnqocno4H9kACePQaaDytLX+zk4plw
sywqPLv67SG5AQ0EQC0cNxAEAIUR6Uj/bLAu0/FSGDSCXfjuThVT1lh1rCLQkbBw
TxNiwHPHHSQRa654aoYbQdi9x6M7fzE6Uzmdj1Gs/UBYZhhsrLkL+Ls/xuhe3Kh3
E6lho1lqPhjYXmFhk42VhtVl0cikZ/Azgqgycfql81H3bKWv6jA0e19SnX4yk5qf
tgZTAAMFA/9T7/ty76bNeP3/LcY9ZL9KYWB8v8pJ9jEt/RfBXB0GTuV/H+bzTjSc
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VFHBr+TxpUWbQ4ZtI9K8YubPD+s86irYn9fHlnj9qnYsod3ySvU0xYhJBBgRagAJ
BQJAI5w3AhsMAAoJEK8i3094zhBFfZAAAnAg+W9rkVVdYu33hNqpX8E1t2kShAJwK
V8DuSaXJtEgVE7Wp5CeArqtWUg==
=/2pb
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.51. Michael Bushkov <bushman@FreeBSD.org>

```
pub 1024D/F694C6E4 2007-03-11 [expires: 2008-03-10]
Key fingerprint = 4278 4392 BF6B 2864 C48E 0FA9 7216 C73C F694 C6E4
uid Michael Bushkov <bushman@rsu.ru>
uid Michael Bushkov <bushman@freebsd.org>
sub 2048g/5A783997 2007-03-11 [expires: 2008-03-10]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGibEXzleYRBADIqilbqBfzstvMBY0Y3QlvQD9QIGQLwZbzi0MBYQPwgZgBFk6x
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q5MURCqPHrnlZ87BnbT/3m0D/15hcV+qndPCShIqFTYbTSG18X7LBNTONZXmCm04
5dRcJrz4qLvsCYkBrm0CrKbYViQcQWiT7/G3Jzc+WtGFirYibU1TxBprZuP99gX0
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H8XtBACpByr9qcCaJ9yNAwDbDZhj03zSeZoIQz6d/3tDv7SkzDLVyxErJJC07CiHg
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dXNoa292IDxidXNobWfUqGZyZWvic2Qub3JnPohmBBMRagAmBQJF85XmAhsDBQkB
4TOABgsJCAcDagQVAggDBBYCAwECHgECF4AACGkQchbHPPaUxuSKQCdEAI0x9JT
lAxI0wL6ApsukCI1bgcAnjkybnn6t4WwYy7IvmwMMJJ17oe0tCBNaWNoYwVsIEJ1
c2hrb3YgPGJ1c2htYW5AcnN1LnJ1PohmBBMRagAmBQJF85xpAhsDBQkB4TOABgsJ
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Iy9UW5BuBEYAoI22XNE30HvBdsmUyUvVji8yKt4auQINBEXzlgAQCADnAwWYquUZ
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zKT6fFNn3kqQ7Eq5xgiSK8+aTWOuHqFvxkhLiC0luPK2Tmq+uIxjtu62LU52eZ
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C5EQWvi35HKNDXmq4wsOMG68DCTE3X0ABa5yPY7TiE8EBECAAA8FAkXzlgACGwWf
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4L8/nn1Nbu+PBNHamCHI
=zD+p
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.52. Adrian Chadd <adrian@FreeBSD.org>

```
pub rsa2048/7CA5E05D69F3D0F3 2015-04-25 [expires: 2018-04-24]
```



```

Key fingerprint = B4E0 4958 1F1C 5DA4 1634 BA5B 7CA5 E05D 69F3 D0F3
uid          Adrian Chadd <adrian@freebsd.org>
sub          rsa2048/2C3793946FA31D6C 2015-04-25 [expires: 2018-04-24]

```

-----BEGIN PGP PUBLIC KEY BLOCK-----

```

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IyrdTtL3ZJjrxj8nss7L7EcS+aZq834eCHba+uy0U16RnAwjxHpQU0NIyNHK8Qxm
yUMW67g4DVfRW0vpdBJ2HfPEof/sZxSJyeH9wxdZEiJMqq8wBQNOjml4t+qsWKEa
gTw8GBJ10ZD/B/zzyUapSFCxxU0t04Rk52Tyyhaw6AdgYv04dzhtMpzAL0gY3PQZ
r5ynfMgRweUH3jNw7GwbByHoLXvHElCuwLodABEBAAG0IUfKcmlhbiBdaGFkZCA8
YWRYawFuQgZyZWVic2Qub3JnPokBPQQTAAQgAJwUCVTrchgIbAwUJBa0agAULCQgH
AgYVCakKCwIEFgIDAQIEAQIXgAAKCRB8peBdafPQ823mB/0eIiyy7hen5oH2pV0E
lA60ES30wU5mi5A2ocNsFenSKi4mqpk6PHBD8+1YXIX2sFqxU6DEY75DX9bDHHq
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xuhib4Jv1M24lisXosbvWa2Ld0j6Ju2Mp762gyk255GBrI/KrEUiBTi21x3FVj8
7IojmZ74StZEAL/yLqYIluKUBl/Ry5veAVX59YZTfbZKIhm+MkKFtnW+Eve1Az2W
ZbY6uQENBFU63IYBCADGNTRHMKLGaT9Q05Yp6ScoPXaehbHzFYMYM5nw06j9hti
jTaiE0w4yAffca+6447WcyyIAjXaIXSgh5e10rCD1pUTvTsm1pNWIXjoJoXpNvit
9o0ooYmaVGePAGvmkP0ysdprIaP2PwyASlAb82NfsahhYmsY0kgZMN6030eSjii7
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4jnrj5oQh+35VLyFBRozAbI21lIlKdCqn1/T0gQCB012IBN+DX05WbpJErAZXbt
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3IYCGwWFCQWjmoAACGkQKXgXWnz0PPt1Af/Wf09pFPCoLQp+BBnbD20MJEAIs7z
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Yc0vo9Avh5c44ntyjbRej9682IYI55weLRNTNECaJtuXz90FScyTlyPnN3Y1Pq0J
nkpVAqeaTmdNn3sRLu/76FIRFKxje9oLnuxwZ/Al0tFvb6R0Z9Ze/CUpEeEYu+Ii
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=rZpW
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.53. Julien Charbon <jch@FreeBSD.org>

```

pub          2048R/A56543925EE9D871 2014-09-16 [expires: 2017-02-07]
Key fingerprint = 4021 6646 A364 3729 C754 1058 A565 4392 5EE9 D871
uid          Julien Charbon <jch@freebsd.org>
uid          Julien Charbon <julien@jch.io>
sub          2048R/957EE70462461D7D 2014-09-16 [expires: 2017-02-07]

```

-----BEGIN PGP PUBLIC KEY BLOCK-----

```

mQENBFQYC8MBCADyWruoN+afJHirHHRTAg45L8a1PSAiawD+yroJyWixmrolXxSc
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XN4rsL2XEAnYwaa8zQ0ynarYY+HEMdTyUFs1rgiXTiEy27hAnVnoULRIy+OpHawh
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Bn6zgIJx9cZxkYUv581kFMZ19TZS1sypl8i1hNjbLRLqGLZT2gRqp5YLvY8FRg+s
jGvVTL8F1etadvhecy5vVIt6u5ywd7bP7JzpwKYVjH6N07Frbm5nV41A6cY8Ge
EvC1/fe0Hkp1bGl1biBdaGFkZCA8IDxqY2hAZnJlZWJzZC5vcmc+IQFABBMBCgAq
VBgLwwIbAwUJBIgGqAULCQgHawUVCgkICwUWAgMBAIEAQIXgAAKCRCLZU0SXunY
cQyNB/9/bprFuTag1BCWpqAvFt6B6H9Kpppcx0J3/to83j6uD2bkoDhexW7PglGS
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```

MNz81KIwzUgCS6F/Xxg52FbPEaZWVVoZoWgZiXdXfyjR1iTLrsK88lg6Inn6PMRw
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/hkSJJZMq0HpGP1RJCQWgyGk9mKcqoWfyeK9bv3IV/xiFPN9PjkeYUgvz2caRm190
U28fU0dG8GLSKrtjI5QLYztI/dpTuQENBFQYc8MBCACp1ne8gqHmj00GFREhAAAdN
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a56wP0gWNSm01xG/q0RjBd0Ke4WI+dPYLVQnwmI9mpjD7xwiEzQm60lcBUwsRZSK
pxsjTePEiYj/yPySbzKa2GALm8g0SNvFSgRtrh8mjaJskply7zteplRERHvW9yEj
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7ebUrxkQ69cqUV0AKUrCdNbT03d8pEQxHRCJu+AVBHKThA7J3s8uo5UzYgJ/Z5Chg
4P7uR1W9ixSpVo81smbWfNyenMEH0j3T11MST9QmyAoLPz2hi6fnuJnHJHP09zGv
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cVQo3JERh55WCqr5xQ==
=lPHq
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.54. Jayachandran C. <jchandra@FreeBSD.org>

```

pub      1024D/3316E465 2010-05-19
          Key fingerprint = 320B DB08 4FE3 BCFD 60AF  E4DB F486 015F 3316 E465
uid       Jayachandran C. <jchandra@freebsd.org>
sub      2048g/1F7755F9 2010-05-19

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```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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### 3.55. Jesus R. Camou <jcamou@FreeBSD.org>

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pub      1024D/C2161947 2005-03-01
          Key fingerprint = 274C B265 48EC 42AE A2CA  47D9 7D98 588A C216 1947
uid       Jesus R. Camou <jcamou@FreeBSD.org>
sub      2048g/F8D2A8DF 2005-03-01

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### 3.56. Alonso Cárdenas Márquez <[acm@FreeBSD.org](mailto:acm@FreeBSD.org)>

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pub   rsa4096/82E1399C11E68208 2015-06-17 [caduca: 2018-06-16]
       Huella de clave = 9485 3AA6 4C32 6543 2C83 8201 82E1 399C 11E6 8208
uid    Alonso Cardenas Marquez <acm@FreeBSD.org>
sub    rsa4096/8DAA3CCE41FD26B2 2015-06-17 [caduca: 2018-06-16]

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### 3.57. Pietro Cerutti <gahr@FreeBSD.org>

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pub   rsa4096/ADD0D38EA192089E 2013-09-23 [expires: 2018-09-22]
       Key fingerprint = DA6D E106 A5B8 54B8 5DD8 6D49 ADD0 D38E A192 089E
uid    Pietro Cerutti <gahr@gahr.ch>
uid    Pietro Cerutti (The FreeBSD Project) <gahr@FreeBSD.org>
sub    rsa4096/3AC8004B408BA46A 2013-09-23 [expires: 2018-09-22]

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.58. Dmitry Chagin <dchagin@FreeBSD.org>

```
pub      1024D/738EFCED 2009-02-27
          Key fingerprint = 3F3F 8B87 CE09 9E10 3606 6ACA D2DD 936F 738E FCED
uid          Dmitry Chagin <dchagin@freebsd.org>
uid          Dmitry Chagin (dchagin key) <chagin.dmitry@gmail.com>
sub       2048g/6A3FDDFF9 2009-02-27
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

### 3.59. Hye-Shik Chang <perky@FreeBSD.org>

```

pub 1024D/CFDB4BA4 1999-04-23 Hye-Shik Chang <perky@FreeBSD.org>
    Key fingerprint = 09D9 57D6 58BA 44DD CAEC 71CD 0D65 2C59 CFDB 4BA4
uid                                     Hye-Shik Chang <hyeshik@gmail.com>
sub 1024g/A94A8ED1 1999-04-23

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.60. Jonathan Chen <[jon@FreeBSD.org](mailto:jon@FreeBSD.org)>

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pub 1024D/2539468B 1999-10-11 Jonathan Chen <jon@spock.org>
Key fingerprint = EE31 CDA1 A105 C8C9 5365 3DB5 C2FC 86AA 2539 468B
uid Jonathan Chen <jon@freebsd.org>
uid Jonathan Chen <chenj@rpi.edu>
uid Jonathan Chen <spock@acm.rpi.edu>
uid Jonathan Chen <jon@cs.rpi.edu>
sub 3072g/B81EF1DB 1999-10-11

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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### 3.61. Jonathan Anderson <[jonathan@FreeBSD.org](mailto:jonathan@FreeBSD.org)>

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pub  2048R/B11B38049C0EE010 2014-03-07 [expires: 2024-03-04]
      Key fingerprint = 563B 20C1 BFBF F638 610F  C584 B11B 3804 9C0E E010
uid   Jonathan Anderson <jonathan.anderson@ieee.org>
uid   Jonathan Anderson (MUN) <jonathan.anderson@mun.ca>
uid   Jonathan Anderson (Cambridge) <jonathan.anderson@cl.cam.ac.uk>
uid   Jonathan Anderson (FreeBSD) <jonathan@FreeBSD.org>
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sub  2048R/2743CDB8EC6BB1E5 2014-03-07 [expires: 2019-03-06]
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### 3.62. Fukang Chen <loader@FreeBSD.org>

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7tasIxPvUS05HH0mDTdzIVKKeEqQ0a1XYgmZrp6Gxa/Sx17G6ENUDrjec73SoQGx
Pux6hj5ioAKDTL+I4z0K52HRcPStQt9phHz3Qnwp/P8C7WX84m2ActPHnhn9KAzX
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```

```
ncRPeA8L7CMQON0q6RtZwctanvPGJkr5ojZJhiPNihX7bxo05fta06Z18u9cuvhP
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DPodrx7PwaXno88xFjmqsI94Et7mQ==
=qJuU
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.63. Luoqi Chen <luoqi@FreeBSD.org>

```
pub 1024D/2926F3BE 2002-02-22 Luoqi Chen <luoqi@FreeBSD.org>
    Key fingerprint = B470 A815 5917 D9F4 37F3 CE2A 4D75 3BD1 2926 F3BE
uid                               Luoqi Chen <luoqi@bricore.com>
uid                               Luoqi Chen <lchen@onetta.com>
sub 1024g/5446EB72 2002-02-22
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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0wCeIOeVykZkImOxs0pEQMR/4g47Wjs=
=RNuY
-----END PGP PUBLIC KEY BLOCK-----
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### 3.64. Andrey A. Chernov <ache@FreeBSD.org>

```
pub 2048R/A51C92FD0C8DF6CA 2014-08-09
```

```

Key fingerprint = 36A5 CEDA 5878 AAC1 4888 79FA A51C 92FD 0C8D F6CA
uid      Andrej Chernov <ache@FreeBSD.org>
sub      2048R/85902C6618402312 2014-08-09
Key fingerprint = C8F1 E3F5 999F E916 FD0E AAE3 8590 2C66 1840 2312

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.65. Alexander V. Chernikov <melifaro@FreeBSD.org>

```

pub      1024D/2675AB69 2008-02-17
Key fingerprint = 00D2 E063 2FB0 2990 C602 50FD C1C2 7889 2675 AB69
uid      Alexander V. Chernikov <melifaro@yandex-team.ru>
uid      Alexander V. Chernikov <melifaro@ipfw.ru>
uid      Alexander V. Chernikov <melifaro@freebsd.org>
sub      4096g/BC64F40C 2008-02-17

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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=2RPV
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.66. Sean Chittenden <[seanc@FreeBSD.org](mailto:seanc@FreeBSD.org)>

```

pub 1024D/EE278A28 2004-02-08 Sean Chittenden <sean@chittenden.org>
    Key fingerprint = E41F F441 7E91 6CBA 1844 65CF B939 3C78 EE27 8A28
sub 2048g/55321853 2004-02-08

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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=yGes
-----END PGP PUBLIC KEY BLOCK-----

```

**3.67. Junho CHOI <cjh@FreeBSD.org>**

```
pub 1024D/E60260F5 2002-10-14 CHOI Junho (Work) <cjh@wdb.co.kr>
    Key fingerprint = 1369 7374 A45F F41A F3C0 07E3 4A01 C020 E602 60F5
uid                                     CHOI Junho (Personal) <cjh@kr.FreeBSD.org>
uid                                     CHOI Junho (FreeBSD) <cjh@FreeBSD.org>
sub 1024g/04A4FDD8 2002-10-14
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.0 (FreeBSD)
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bL1lPnomVghlMMUgU8wxB9sQtCFDSE9JIEp1bmhvIchXb3JrKSA8Y2poQHdkYi5j
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=g8A3
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-----END PGP PUBLIC KEY BLOCK-----
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**3.68. David Christensen <davidch@FreeBSD.org>**

```
pub 4096R/6EF8EA544E261A57 2013-10-04 [expires: 2018-10-03]
    Key fingerprint = 6D3B 985F 2737 C936 F37D 93D6 6EF8 EA54 4E26 1A57
uid                                     David Christensen (FreeBSD Committer Key) <davidch@freebsd.org>
sub 4096R/6B5D5DE299525D80 2013-10-04 [expires: 2018-10-03]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

```

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=1Ta3
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.69. Jonathan Chu <[milki@FreeBSD.org](mailto:milki@FreeBSD.org)>

```

pub  4096R/1DAACB3510D2041A 2013-12-16
      Key fingerprint = 9F11 FB1D 917F CD6A 479D  EA46 1DAA CB35 10D2 041A
uid      Jonathan Chu (ports) <milki@FreeBSD.org>
sub  4096R/02DDC04CA046B32A 2013-12-16

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.70. Crist J. Clark <cjc@FreeBSD.org>

```
pub 1024D/FE886AD3 2002-01-25 Crist J. Clark <cjclark@jhu.edu>
    Key fingerprint = F04E CCD7 3834 72C2 707F 0A8F 259F 8F4B FE88 6AD3
uid                                Crist J. Clark <cjclark@alum.mit.edu>
uid                                Crist J. Clark <cjc@freebsd.org>
sub 1024g/9B6BAB99 2002-01-25
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.71. Joe Marcus Clarke <[marcus@FreeBSD.org](mailto:marcus@FreeBSD.org)>

```
pub 1024D/FE14CF87 2002-03-04 Joe Marcus Clarke (FreeBSD committer address) &
<marcus@FreeBSD.org>
    Key fingerprint = CC89 6407 73CC 0286 28E4 AFB9 6F68 8F8A FE14 CF87
uid                               Joe Marcus Clarke <marcus@marcuscom.com>
sub 1024g/B9ACE4D2 2002-03-04
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.72. Nik Clayton <[nik@FreeBSD.org](mailto:nik@FreeBSD.org)>

```
pub 1024D/2C37E375 2000-11-09 Nik Clayton <nik@freebsd.org>
    Key fingerprint = 15B8 3FFC DDB4 34B0 AA5F 94B7 93A8 0764 2C37 E375
uid                               Nik Clayton <nik@slashdot.org>
uid                               Nik Clayton <nik@crf-consulting.co.uk>
uid                               Nik Clayton <nik@ngo.org.uk>
uid                               Nik Clayton <nik@bsd.i.com>
sub 1024g/769E298A 2000-11-09
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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=9wNg
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.73. Benjamin Close <benjsc@FreeBSD.org>

```

pub 1024D/4842B5B4 2002-04-10
    Key fingerprint = F00D C83D 5F7E 5561 DF91 B74D E602 CAA3 4842 B5B4
uid                               Benjamin Simon Close <Benjamin.Close@clearchain.com>
uid                               Benjamin Simon Close <benjsc@FreeBSD.org>
uid                               Benjamin Simon Close <benjsc@clearchain.com>
sub 2048g/3FA8A57E 2002-04-10

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.74. Garrett Cooper <[ngie@FreeBSD.org](mailto:ngie@FreeBSD.org)>

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pub 4096R/F583A92669308615 2016-05-21 [expires: 2019-05-21]
    Key fingerprint = E5B9 3715 A19C 639A EF4A 66FB F583 A926 6930 8615
uid                               Ngie Cooper <yaneurabeya@gmail.com>
uid                               [jpeg image of size 11571]
sub 4096R/6D072D4A13D70405 2016-05-21 [expires: 2020-05-21]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Comment: GPGTools - https://gpgtools.org
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.75. Tijl Coosemans <tijl@FreeBSD.org>

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pub   dsa2048/7E8092D820A0B62B 2010-07-13 [expires: 2017-09-15]
      Key fingerprint = 39AA F580 6B44 5161 9F86  ED49 7E80 92D8 20A0 B62B

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uid          Tijl Coosemans <tijl@coosemans.org>
uid          Tijl Coosemans <tijl@freebsd.org>
sub   elg2048/8E9707DD7D71BA74 2010-07-13 [expires: 2017-09-15]
      Key fingerprint = E8E1 95A3 7750 DB71 8FA5 24F9 8E97 07DD 7D71 BA74

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### 3.76. Raphael Kubo da Costa <[rakuco@FreeBSD.org](mailto:rakuco@FreeBSD.org)>

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pub 4096R/8DD07D2118DCEED6 2011-10-03 [expires: 2017-02-20]
    Key fingerprint = 6911 54FE BA6E 6106 5789 7099 8DD0 7D21 18DC EED6
uid Raphael Kubo da Costa (Personal key) <rakuco@FreeBSD.org>
uid Raphael Kubo da Costa (Personal Gmail account.) ☞
<kubito@gmail.com>
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.77. Alan L. Cox <[alc@FreeBSD.org](mailto:alc@FreeBSD.org)>

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pub 2048R/33E2893B 2013-06-15
Key fingerprint = FC7C 93FD 2C2C ABA5 C1D1 3E74 8513 043C 33E2 893B
uid Alan Cox <alc@FreeBSD.org>
uid Alan Cox <alc@cs.rice.edu>
uid Alan Cox <alc@rice.edu>
sub 2048R/693757AA 2013-06-15
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### 3.78. Bruce Cran <brucec@FreeBSD.org>

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pub      2048R/6AF6F99E 2010-01-29
          Key fingerprint = 9A3C AE57 2706 B0E3 4B8A 8374 5787 A72B 6AF6 F99E
uid      Bruce Cran <brucec@FreeBSD.org>
uid      Bruce Cran <brucec@cran.org.uk>
sub      2048R/1D665CEE 2010-01-29

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.79. Olivier Cochard-Labbé <olivier@FreeBSD.org>

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pub      rsa4096/89A5246DC4C57722 2016-02-15
          Key fingerprint = 18D2 A78C 6BBA 0A5B 3A1A 4C7C 89A5 246D C4C5 7722

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uid          Olivier Cochard <olivier@cochard.me>
uid          Olivier Cochard-Labbé <olivier@FreeBSD.org>
sub  rsa4096/BC44032DC2707BE0 2016-02-15

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.80. Frederic Culot <culot@FreeBSD.org>

```
pub 1024D/34876C5B 2006-08-26
    Key fingerprint = 50EE CE94 E43E BA85 CB67 262B B739 1A26 3487 6C5B
uid Frederic Culot <culot@FreeBSD.org>
uid Frederic Culot <frederic@culot.org>
sub 2048g/F1EF901F 2006-08-26
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.81. Aaron Dalton <aaron@FreeBSD.org>

```
pub 1024D/8811D2A4 2006-06-21 [expires: 2011-06-20]
    Key fingerprint = 8DE0 3CBB 3692 992F 53EF ACC7 BE56 0A4D 8811 D2A4
uid Aaron Dalton <aaron@freebsd.org>
sub 2048g/304EE8E5 2006-06-21 [expires: 2011-06-20]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.82. Baptiste Daroussin <bapt@FreeBSD.org>

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pub  rsa4096/63898BDCF1B73E5A 2015-12-03 [expires: 2025-12-06]
      Key fingerprint = 80E4 E3DE CB92 DAEA C65D 5537 6389 8BDC F1B7 3E5A
uid      Baptiste Daroussin <bapt@FreeBSD.org>
uid      Baptiste Daroussin <bapt@etoilebsd.net>
sub  rsa4096/35BAFBEB24FF27FB 2015-12-03
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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.83. Ceri Davies <ceri@FreeBSD.org>

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pub 1024D/34B7245F 2002-03-08
    Key fingerprint = 9C88 EB05 A908 1058 A4AE 9959 A1C7 DCC1 34B7 245F
uid Ceri Davies <ceri@submonkey.net>
uid Ceri Davies <ceri@FreeBSD.org>
uid Ceri Davies <ceri@opensolaris.org>
sub 1024g/0C482CBC 2002-03-08

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### 3.84. Brad Davis <brd@FreeBSD.org>

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.85. Eric Davis <edavis@FreeBSD.org>

```

pub      2048R/F52DF060EC5583DD 2013-10-09
         Key fingerprint = F368 53A8 E3CB 7135 3140 2AE4 F52D F060 EC55 83DD
uid      Eric Davis <edavis@insanum.com>
uid      Eric Davis <edavis@FreeBSD.org>

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uid          Eric Davis <edavis@broadcom.com>
sub 2048R/156FF9FC786CB51C 2013-10-09
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.86. Paweł Jakub Dawidek <pjd@FreeBSD.org>

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    Key fingerprint = B1C5 F673 045B 6C7B AFFB 3A1D 954B 852B B128 5B75
uid          [ultimate] Paweł Jakub Dawidek <pjd@FreeBSD.org>
uid          [ultimate] Paweł Jakub Dawidek <pawel@dawidek.net>
uid          [ultimate] Paweł Jakub Dawidek <p.dawidek@wheelsystems.com>
uid          [ultimate] Paweł Jakub Dawidek <p.dawidek@mobter.com>
sub  rsa4096/0x8EABD55DE4D6A714 2015-04-17 [expires: 2020-04-15]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.87. Alexey Degtyarev <alexey@FreeBSD.org>

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pub 2048R/392CE63AA025BC4D 2013-11-08
Key fingerprint = B347 13EF BDDA 45FE EEB1 9110 392C E63A A025 BC4D
uid Alexey Degtyarev <alexey@freebsd.org>
sub 2048R/6D5FB75FB723C378 2013-11-08
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ENfUPbd0ZK/r9/GjMtSDmHE0XVQkUFJ0aLiV1vU/5+IxpEyiQLRnQk6d0cRG2Em+
sNa5AQ0EU045QEIAK5EjUZ0JpiMdRn3N0MPq9xoYXuddl0iyrveDtehXW+QiL2c
zPnUVgZvdGkvHPLYBH92zo3dxH2IUlsWMEjXjFs7ivHZ/gY4gPdd1qALpE9lUo9M
wqyVFNB64N9burnLR2jW3G9SjHjXDi7sVBtecvskubQAEQYTcky4eNdCEeJmBydm
HVLgy3QpdIttAMxot5nyPo/5FjIvLFipyold2z6DZH8aXxNgXM0UYX3PPDFwlc2T
x0s2hYUHVEfR0muuMoLYe6iZ8uLq+hHbi67tDHoTdruU80qpNnhUdR5N3vKx6otK
f4K1CQ0Up9iqMdPwLIVYzFz6rKxMnYpml70F/UAEQEAAykbHwQYAQIACQUcUn04
SQIbDAACKRA5L0Y6oCW8TTb8B/9DtMIySyZWEMye6z26z5A3smDjXVRNwp056n1T
fPLTLncwRYfUm6DM60/uTnS64Un46UtMTxeeD08yV2f1R3FAAMxg1ePQtyq4CVLj
IduKsEzWQlFPTTv8viIxpF9y3qxkE0Nh/DWPQZ9E7uDuGuWdfsiJFGuFdbLRmsgtJ
9IHdiBSqwWejK57tQQu54UK1pALVgTjBfT77WKW5hVzGguCy8lPTr7jLo4eGe5c
ygKsm2r5e6FSTU3QG1by5617lryYXVoyxeFmFzIvYNw5u0hrzCM0sCMFy7kuW1n4
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=bwuv
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.88. Brian S. Dean <bsd@FreeBSD.org>

```
pub 1024D/723BDEE9 2002-01-23 Brian S. Dean <bsd@FreeBSD.org>
    Key fingerprint = EF49 7ABE 47ED 91B3 FC3D 7EA5 4D90 2FF7 723B DEE9
sub 1024g/4B02F876 2002-01-23
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

```
mQGiBDx0CiIRBACyyoMk50yGd0kR0a4fj8zPJ2A0ielQ1BYv7JLIWdNeMHdQ0gj
liTgXwDimeBnElw7sNrmdfocfwKbmX33exFPa3AkJgLfLbCuH9+xE3ozgzMl6t76
QL90PPic24Er670NnhF7Smvubus4IdckvM24kuUTINmiuFzVwuwWdXdwwvCght6R
HPpuFeiMZHRJAiHmu9AkKrKEAJRLmRGgdqTQ6RRiQobqGS+1grl6AsXHxKfvjx8I
//12yrFiUCXE+167I5290W2i4ilmVjBmnwwe3750ZKBip80UBkMkfMuTSyCCFD22
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LFyUsQFarizV0aeqJo0XEB296xZYPpgW6C+rajdlWvi7zhPxsFYedldX8HtGDMKm
FRN88P750GjMdFOYrpXTqUAJnoTUN4UynLV6WbfM7Cne0syg9rQfQnJpYW4gUy4g
RGVhbiA8YnNkQEZYzWVCU0Qub3JnPohXBBMRagAXBQI8TgoiBQsHCgMEAxUDAgMW
AgECF4AACgkQTZAV93I73un4TwCfwqT0UeeEn9qstLTycDZF6oiKUusAn2dZRIiNX
06KUv2qJk2g88nUsBXgDuQENBDx0CiQBADXY+I+CYMmiant5TBMzh5JfghW2FXa
aZDgi5XTVAStL6AaygeLiA5SSUUu0xiD4JB7vxHYB7pyVg71/lg5moud8NP2HNKW
YR2mZjCQ9bHRQRqpPBTmrSHJpq10cZ6grxvVmte/oC4cI35wL8HEe2WwChZgk0tS
YrA5PRt/UGWLLwAECwP/SxokqxcRa3LZqkpdwLgWpyx1KNBg7wIJYLMALI0UxpS
ezweD70ukikqZ1BYlaaWZ7N++r4sNDR9WTiv0ySNovxJnnlyo6FzD9RD7ijQbAvp
nhpikigC+GvdnmvrmXYztc9WvFeJT/S8LGDkDHcm0ECmBDo3EA8W0+s0QsZxk2I
RgQYEQIABgUCPE4KJAAKCRBNkC/3cjve6eroAKCCMN4s5AqvTy38BwmspFvSu90I
IwCftGutfs+PGUY9JJJoabnnfJhfIgNA=
=MFJO
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.89. Carl Delsey <carl@FreeBSD.org>

```
pub 4096R/FB3B5D38 2013-01-15
    Key fingerprint = F0E5 3849 C6C3 668B 68A3 BCC7 6031 E963 FB3B 5D38
uid Carl Delsey <carl@FreeBSD.org>
sub 4096R/256F29D3 2013-01-15
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQINBFD1xcgBEAC3HQc1DEYR8DN4kwDkh3a/0x4YxYH0ZoIprcsnAyHFmQRONid0
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Au0Ycj66n6JVwyGwSnFYZAPmOULgWy5qMUPi0IYAyRJsRz+qa1pSMCwgibZ1gPa1
b23if+AI1o0aIPF09KNpiQW4lNt98WkiHvIKPJh6u0fi26tqvNGUHAMeM3SmTbGZ
m2S8l469EDPHm4MGE5wFo11IKBCB8mczg/iGzCjffj96DNyGivgDuC0Xdx/7EoP2L
sm3batAQoa6kIUCibF3lgnEzszWfQq200vuA30g7tq+Eqnc611ErahGiFGKShJY+
GfGFpuc30GFA0o0hC6de7VigXDBwBV17vUM14nxwlkBNpXfca+ulKMqYIeY5U1KrC
HQBWPV8Iq8XqjvvgIuoGeMHJRrXh/BqjE8er+rUXtyZqXD1MdxHoVpzdRopta9M9
vfUqgB/9yjmZ3VHri5+6pEnoTw9wGeLs+p0mdRXdDSbMdVf1S4qxXA7W7uqJW1LR
0m7wkC4ezJkuubq9aaqBgbsqXwsXfSbAmuIhtYXZd5kmpQcpHbU2UVzwVwmNv0e
DLY/CBtsoMhMi/8XMHZ6w3x7ezj8rfzLGcoFuibKIFC0+duZAcvt0FjfwARAQAB
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D/OdFXB6URU4Z+EvWncG55KPR0v5/FI8ou0JBBgfEMCdtBrus/F2LMX5lcl5vye0
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SmTe2zb1kitT/IcRi602ieX581m+gCvDTkRmVwLG4+kG70vHPdUCMujzUQVZ2Zk
sRjjWTXn2WLfGW/h81NsXncdJR0hU9CI/DY/BVDcu1syfkkopp4hdINBrSKiD3Tmn
/9W0RRMTqwGtnuFi0rdEg68RXy0VlugHwL7AxYhXJnW9tqV1SWuCPkFADmcv+RXo
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```

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zzAvFEIbsubML9QGDNl6sfK0XsmJEgBFTITiC/wtcguzszVkc1NsHPtRfga9D2Yw
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CuFpzzh4nyK2v1Mk4Fz8IXwivfR4QB1Wno93tyHH3LHc1bgM7Nj+uoY0/yM0hKco
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KBeqvNTcnD7kpV5tR5njft5XmeigGC9d+RtBJnAeidRsvPtnZmlBhLFGPiIsti/
lhV1PM0yCBroTLWzWhiplNNGXpa2QARAQABiQIiBBgBAGAJBQJQ9cXIAhsMAAoJ
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kRZI5t5f14gj5g72AQshy/h1QmgvoWyLS2BMt96V637bomxpaUS8BYG3qucXZvXoC
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Pf40F5/w8DPYl1PWF8M5ubVPh7ryvdbcrGvrxAdY4qc8a0GVj09i0Yr4ZMKug4n
AG2Jvw2+ksLoSpdWXAgo1zYZx7DvmvpcLRRALngu/zv2WozrCQvBMZ4lTYfjxAdN
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/4UBZgCwBuHmVlyfCPLuLPBFhSQu7K8IknnWMeUDK5W6jdF1IHJiz8X1a/QQTttB
EIfympKF2+1xCR6TLNDkXxWm0Ai7DfnwdowTGIFY2x80uU1IKLE4gFzVDWgY
=jP+Z
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.90. Vasil Dimov <vd@FreeBSD.org>

```
pub      1024D/F6C1A420 2004-12-08
          Key fingerprint = B1D5 04C6 26CC 0D20 9525  14B8 170E 923F F6C1 A420
uid       Vasil Dimov <vd@FreeBSD.org>
uid       Vasil Dimov <vd@datamax.bg>
sub       4096g/A0148C94 2004-12-08
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGibEG3FBQRBACTPLU4+bnd9eNmB/xp170CQdMez/lpGrFWcYRh6w0RqUet3AAL
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qn13lHY4WlhJ7WB75n6t4x8D/2tazzoHbKUZF7gxFaeeFfIDo7Qd2S4Sg0Uzgy2b
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QYqpUePBscvIoXHwmXcTkN9wtBxWYXNpbCBEaW1vdiA8dmRARnJLZUJTRC5vcmc+
iGAEEExECACAFakPPwzoCGwMGcwkIBwMCBBUCCAMEFgIDAQIeAQIXgAAKCRAXDpI/
9sGkIjWpAKDMIALQzizC9vo+vts0rxFYmPZsCACgzMpc0FXV8+xtIx5vUKQTuPiy
sT65BA0EQbcViRAQAJbrD3+6HrMUyIleXlKkM6QrCvwNS6JkxSjisX8rMZHfo9PS
kGEg50sDpzrQPQm9/3SYHjmfdrvKLKoAsc1pkzqRq7/Gu3/t36vQ8DbCddwDwf0
hAwPb7ZMUitKpVcV8C2ZUYdvCZEiDHJSir2jbdYjYXWU/Ry//aUNzPLOFMwmDz11
IjUPMLL0FufcJpVH7vJS0TxDAVTnyrXSZbKlKUWYVCxSxoH07zFvWQ4s6QoIct3a
ouFmZIVlySDE4G0MBdshDoHOD/Z53d4Mfn41zhPyGEPatR7g4xcvIq93MVHlFndys
d/cSJ5uT0jcyRyHmvL0KRApyXUA6f2Qek9XfXIh9bYdAtvQNVdpXKZNPiPEWIoN68
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```

```
4bvt0LJmAA24Cyh9XFC9QNieuz9QxUKD4RyJkfn5HLU7dCHRRdQXbDnFmaTHAAMH
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LAR2DY/Eyfrsx8SK/MdS4ds2j22rJdFGhux0+uHJ+eZC70pccVRqRPMMS4uDA77r
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JVLvQ7mnU0ZCHKcEh9Gjwqpg21/4kewaPxlF1NXescn/proYpLv9uUwgVHCHVfy
ntTKlGc22bcHLUXrdbCaC7d4Xj8SdhKER1FL4wqmdGJdY4hJBBgRAgAJBQJBtXWJ
AhsMAAoJEBc0kj/2waQgxQEAO8d1808ijz/VASozvQNLAK0gEdcAKDA7JkBNMnX
XmPkHj0KHckscg/fYw==
=Yp1b
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.91. Roman Divacky <[rdivacky@FreeBSD.org](mailto:rdivacky@FreeBSD.org)>

```
pub 1024D/3DC2044C 2006-11-15
    Key fingerprint = 6B61 25CA 49BC AAC5 21A9 FA7A 2D51 23E8 3DC2 044C
uid Roman Divacky <rdivacky@freebsd.org>
sub 2048g/39BDCE16 2006-11-15
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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RF5tYg2N3hnqioWri1t3BJn1qpHgSL+mJJRqf00c2U5XUKuxAvTWjARyqa2G+WiF
hPc1pmE9T2n9XkmT7G3jidTNHXbqsjEK00CZdLJHOkTuStUjn8Mz2PpvlZoj0Mo
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jiVbPR/F4UhBtjcB6GCiLhVREKjL17gCVwMv4mKISQYEQIACQUCRVriIwIbDAK
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3I1WppEoQQw=
=50Wm
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.92. Alexey Dokuchaev <[danfe@FreeBSD.org](mailto:danfe@FreeBSD.org)>

```
pub 1024D/3C060B44 2004-08-23 Alexey Dokuchaev <danfe@FreeBSD.org>
    Key fingerprint = D970 08A4 922C 8D63 0C19 8D27 F421 76EE 3C06 0B44
sub 1024g/70BAE967 2004-08-23
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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=abIH
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.93. Dima Dorfman <dd@FreeBSD.org>

```
pub 1024D/69FAE582 2001-09-04
    Key fingerprint = B340 8338 7DA3 4D61 7632 098E 0730 055B 69FA E582
uid                               Dima Dorfman <dima@trit.org>
uid                               Dima Dorfman <dima@unixfreak.org>
uid                               Dima Dorfman <dd@freebsd.org>
sub 2048g/65AF3B89 2003-08-19 [expires: 2005-08-18]
sub 2048g/8DB0CF2C 2005-05-29 [expires: 2007-05-29]
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```

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.94. Bryan Drewery <[bdrewery@FreeBSD.org](mailto:bdrewery@FreeBSD.org)>

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pub  2048R/35D771BB6E4697CF 2013-10-24 [expires: 2018-10-23]
      Key fingerprint = F917 3CB2 C3AA EA7A 5C8A 1F09 35D7 71BB 6E46 97CF
uid   Bryan Drewery <bdrewery@FreeBSD.org>
uid   Bryan Drewery <bryan@shatow.net>
sub   2048R/FF5A7FF27D55A32D 2013-10-24 [expires: 2018-10-23]

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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=ExwC
-----END PGP PUBLIC KEY BLOCK-----
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### 3.95. Garance A Drosehn <gad@FreeBSD.org>

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pub 4096R/CBBBB1AECCAC052F 2015-04-25 [expires: 2017-08-12]
Key fingerprint = BF87 9EE6 2DBE 97B7 3039 1EF9 CBBB B1AE CCAC 052F
uid Garance Alistair Drosehn <drosehn@mac.com>
uid Garance Alistair Drosehn <drosehn@rpi.edu>
uid Garance Alistair Drosehn <gad@FreeBSD.org>
sub 4096R/77B88ECC2BF0AC18 2015-04-25 [expires: 2018-04-09]
Key fingerprint = 844D BA81 AC32 A7E9 D63E 417E 77B8 8ECC 2BF0 AC18
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Comment: GPGTools - https://gpgtools.org
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.96. Olivier Duchateau <olivierd@FreeBSD.org>

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pub  2048R/22431859 2012-05-28 [expires: 2017-05-27]
      Key fingerprint = C057 112A 4A27 B5F2 CD8F  6C9A FC5A 0167 2243 1859
uid  2048R/63A85BDF 2012-05-28 [expires: 2017-05-27]
      Olivier Duchateau <duchateau.olivier@gmail.com>
sub  2048R/63A85BDF 2012-05-28 [expires: 2017-05-27]

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### 3.97. Bruno Ducrot <[bruno@FreeBSD.org](mailto:bruno@FreeBSD.org)>

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pub 1024D/7F463187 2000-12-29
Key fingerprint = 7B79 E1D6 F5A1 6614 792F D906 899B 4D28 7F46 3187
uid Ducrot Bruno (Poup Master) <ducrot@poupinou.org>
sub 1024g/40282874 2000-12-29

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### 3.98. Alex Dupre <[ale@FreeBSD.org](mailto:ale@FreeBSD.org)>

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pub 1024D/CE5F554D 1999-06-27 Alex Dupre <sysadmin@alexdupre.com>
Key fingerprint = DE23 02EA 5927 D5A9 D793 2BA2 8115 E9D8 CE5F 554D
uid Alex Dupre <ale@FreeBSD.org>

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uid [jpeg image of size 5544]
uid Alex Dupre <ICQ:5431856>
sub 2048g/FD5E2D21 1999-06-27
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### 3.99. Rusmir Dusko <nemysis@FreeBSD.org>

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pub      4096R/4C93E3D2 2013-05-01
           Key fingerprint = 6FEB 14C6 26D4 7E3A 57DE  487F B6B9 B8F6 4C93 E3D2
uid       nemysis <nemysis@FreeBSD.org>
sub      4096R/9CF8C13B 2013-05-01
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### 3.100. Peter Edwards <peadar@FreeBSD.org>

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pub 1024D/D80B4B3F 2004-03-01 Peter Edwards <peadar@FreeBSD.org>
    Key fingerprint = 7A8A 9756 903E BEF2 4D9E 3C94 EE52 52F7 D80B 4B3F
uid      Peter Edwards <pm Edwards@eircom.net>

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**3.101. Daniel Eischen** <deischen@FreeBSD.org>

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pub 4096R/7D15560B 2012-11-17
    Key fingerprint = 0039 2133 69CA 14D3 236A E331 361A 68B2 7D15 560B
uid                               Daniel Eischen <deischen@FreeBSD.org>
sub 4096R/A51F81F7 2012-11-17
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feRw7WoSiltPGVWLVSrHERk90i4632pBzSWQIYSR3BQeXrnaLg4fkXxoA8AyHlR0
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OcB6DavnJ2IBFKFxfewuq6yw0fFaHkCDYq/SFKVsf4JcWAT6VxrEfVZVhxh7YQGE
3zJGU1u0vLCXuq624+rbcV3EQyh78hyUuVzyD4eUBont2bQM3YXTTsakWqEDUUp
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bwlGxw==
=J3ZL
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

**3.102. Josef El-Rayes** <josef@FreeBSD.org>

```
pub 2048R/A79DB53C 2004-01-04 Josef El-Rayes <josef@FreeBSD.org>
    Key fingerprint = 58EB F5B7 2AB9 37FE 33C8 716B 59C5 22D9 A79D B53C
```



```
uid                Josef El-Rayes <josef@daemon.li>
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
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4QqDJPPnJdmvXiCft5k=
=UfKm
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.103. Lars Engels <lme@FreeBSD.org>

```
pub   2048R/E54CB37D3A089D6D 2014-03-10 [expires: 2017-03-09]
      Key fingerprint = 8F40 017E 4DF5 3125 7AFE 5149 E54C B37D 3A08 9D6D
uid           Lars Martin Engels <lars@bsd-geek.de>
uid           Lars Martin Engels <lars.engels@0x20.net>
uid           Lars Martin Engels <lars@0x20.net>
uid           Lars Martin Engels <lme@FreeBSD.org>
sub   2048R/5AB391DB0BA67DBB 2014-03-10 [expires: 2017-03-09]
      Key fingerprint = C31C 8DAA 4A95 2507 F065 C42D 5AB3 91DB 0BA6 7DBB
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

```

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NYz8RCLXvsPssijXXZvrZm1p58o=
=YwTh
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.104. Udo Erdelhoff <[uer@FreeBSD.org](mailto:uer@FreeBSD.org)>

```

pub 1024R/E74FA871 1994-07-19 Udo Erdelhoff <uer@de.uu.net>
    Key fingerprint = 8C B1 80 CA 2C 52 73 81 FB A7 B4 03 C5 32 C8 67
uid                               Udo Erdelhoff <ue@nathan.ruhr.de>
uid                               Udo Erdelhoff <ue@freebsd.org>
uid                               Udo Erdelhoff <uerdelho@eu.uu.net>
uid                               Udo Erdelhoff <uerdelho@uuu.net>

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

```

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```

```

RNj4NhwVvkGREtDsA+Zz/vUULrbkLVK0724Dkt00+WRbn/w99trttuUTGvTHRER3
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=TCJD
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.105. Ruslan Ermilov <ru@FreeBSD.org>

```

pub 1024D/996E145E 2004-06-02 Ruslan Ermilov (FreeBSD) <ru@FreeBSD.org>
    Key fingerprint = 274E D201 71ED 11F6 9CCB 0194 A917 E9CC 996E 145E
uid                               Ruslan Ermilov (FreeBSD Ukraine) <ru@FreeBSD.org.ua>
uid                               Ruslan Ermilov (IPNet) <ru@ip.net.ua>
sub 1024g/557E3390 2004-06-02 [expires: 2007-06-02]

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.106. Lukas Ertl <le@FreeBSD.org>

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pub 1024D/F10D06CB 2000-11-23 Lukas Ertl <le@FreeBSD.org>
    Key fingerprint = 20CD C5B3 3A1D 974E 065A B524 5588 79A9 F10D 06CB
uid                                     Lukas Ertl <a9404849@unet.univie.ac.at>
uid                                     Lukas Ertl <l.ertl@univie.ac.at>
uid                                     Lukas Ertl <le@univie.ac.at>
sub 1024g/5960CE8E 2000-11-23
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Version: GnuPG v1.2.5 (FreeBSD)
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### 3.107. Stefan Eßer <se@FreeBSD.org>

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pub 2048R/47EBB5EF5AFDF544 2015-06-05 [verfällt: 2018-06-04]
    Schl.-Fingerabdruck = A371 EA65 9C0B ECC8 2B71 5313 47EB B5EF 5AFD F544
uid                               Stefan Eßer (FreeBSD) <se@freebsd.org>
sub 2048R/ACCC7EFAB7B32CCA 2015-06-05 [verfällt: 2018-06-04]

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### 3.108. Brendan Fabeny <bf@FreeBSD.org>

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pub 4096R/0x4AE10A7E8F65FECF 2013-09-27 [expires: 2016-09-26]
    Key fingerprint = C5C3 8EB7 0DCD 2BA2 B8AB 6BBC 4AE1 0A7E 8F65 FECF
uid [ultimate] Brendan Fabeny <bf@FreeBSD.org>
sub 4096R/0x8B6BF0BED7B81E31 2013-09-27 [expires: 2016-09-26]

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### 3.109. Guido Falsi <madpilot@FreeBSD.org>

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### 3.110. Rong-En Fan <rafan@FreeBSD.org>

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pub 1024D/86FD8C68 2004-06-04
    Key fingerprint = DC9E 5B4D 2DDA D5C7 B6F8 6E69 D78E 1091 86FD 8C68
uid Rong-En Fan <rafan@infor.org>
uid Rong-En Fan <rafan@csie.org>
uid Rong-En Fan <rafan@FreeBSD.org>
sub 2048g/42A8637E 2009-01-25 [expires: 2012-07-08]

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### 3.111. Dominic Fandrey <kami@FreeBSD.org>

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pub 2048R/6FF05D69A92A59DB 2014-09-18 [expires: 2017-09-17]
    Key fingerprint = 7D88 4610 FFBB BA86 F17B C037 6FF0 5D69 A92A 59DB
uid                               Dominic Fandrey <kami@freebsd.org>
sub 2048R/B4EC9D5FBC909F27 2014-09-18 [expires: 2017-09-17]

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### 3.112. Stefan Farfeleder <[stefanf@FreeBSD.org](mailto:stefanf@FreeBSD.org)>

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pub 1024D/8BEFD15F 2004-03-14 Stefan Farfeleder <stefan@fafoe.narf.at>
    Key fingerprint = 4220 FE60 A4A1 A490 5213 27A6 319F 8B28 8BEF D15F
uid                               Stefan Farfeleder <stefanf@complang.tuwien.ac.at>
uid                               Stefan Farfeleder <stefanf@FreeBSD.org>
uid                               Stefan Farfeleder <stefanf@ten15.org>
sub 2048g/418753E9 2004-03-14 [expires: 2007-03-14]

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### 3.113. Babak Farrokhi <farrokhi@FreeBSD.org>

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pub   rsa4096/6B267AD85D632E9A 2015-07-25 [expires: 2020-07-28]
      Key fingerprint = F081 5F88 61BF 2DEA F261 E9C1 6B26 7AD8 5D63 2E9A
uid   Babak Farrokhi <babak@farrokhi.net>
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### 3.114. Chris D. Faulhaber <jedgar@FreeBSD.org>

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pub 1024D/FE817A50 2000-12-20 Chris D. Faulhaber <jedgar@FreeBSD.org>
Key fingerprint = A47D A838 9216 F921 A456 54FF 39B6 86E0 FE81 7A50
uid Chris D. Faulhaber <jedgar@fxp.org>
sub 2048g/93452698 2000-12-20

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.115. Mark Felder <felder@FreeBSD.org>

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pub 2048R/983B64501F13E252 2013-11-09 [expires: 2015-11-11]
    Key fingerprint = 7481 93E6 C417 1C8A 4B6B 2488 983B 6450 1F13 E252
uid                                     Mark Felder <felder@FreeBSD.org>
uid                                     Mark Felder <felder@feld.me>
sub 2048R/80920C42C025EB78 2013-11-09 [expires: 2015-11-10]

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Comment: GPGTools - https://gpgtools.org

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.116. Brian F. Feldman <[green@FreeBSD.org](mailto:green@FreeBSD.org)>

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pub 1024D/41C13DE3 2000-01-11 Brian Fundakowski Feldman <green@FreeBSD.org>
Key fingerprint = 6A32 733A 1BF6 E07B 5B8D AE14 CC9D DCA2 41C1 3DE3
sub 1024g/A98B9FCC 2000-01-11 [expires: 2001-01-10]

pub 1024D/773905D6 2000-09-02 Brian Fundakowski Feldman <green@FreeBSD.org>
Key fingerprint = FE23 7481 91EA 5E58 45EA 6A01 B552 B043 7739 05D6
sub 2048g/D2009B98 2000-09-02
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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### 3.117. Mário Sérgio Fujikawa Ferreira <lioux@FreeBSD.org>

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pub  4096R/B43B673FDAE448D1 2014-02-13 [expires: 2019-02-12]
      Key fingerprint = 0617 5DB3 8B1A C326 A542  3B3C B43B 673F DAE4 48D1
uid   Mario Sergio Fujikawa Ferreira (lioux) <lioux@FreeBSD.org>
sub   4096R/D780173751E6FF87 2014-02-13 [expires: 2019-02-12]
sub   3072D/BB0B0361BC87D308 2014-02-13 [expires: 2015-02-13]
sub   4096g/C90A229CFE1F29B0 2014-02-13 [expires: 2015-02-13]

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### 3.118. Matthew Fleming <mdf@FreeBSD.org>

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pub 2048R/A783DAA2 2012-11-22 [expires: 2016-11-22]
     Key fingerprint = 773F E069 BE98 CE96 4AC6 B8AB 1A1B 255E A783 DAA2
uid      Matthew D Fleming <mdf356@gmail.com>
uid      Matthew D Fleming <mdf@FreeBSD.org>
sub 2048R/4015B7AA 2012-11-22 [expires: 2016-11-22]

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### 3.119. Tony Finch <fanf@FreeBSD.org>

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pub 1024D/84C71B6E 2002-05-03 Tony Finch <dot@dotat.at>
    Key fingerprint = 199C F25B 2679 6D04 63C5 2159 FFC0 F14C 84C7 1B6E
uid                               Tony Finch <fanf@FreeBSD.org>
uid                               Tony Finch <fanf@apache.org>
uid                               Tony Finch <fanf2@cam.ac.uk>
sub 2048g/FD101E8B 2002-05-03

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.120. Marc Fonvieille <[blackend@FreeBSD.org](mailto:blackend@FreeBSD.org)>

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pub 1024D/4F8E74E8 2004-12-25 Marc Fonvieille <blackend@FreeBSD.org>
    Key fingerprint = 55D3 4883 4A04 828A A139 A5CF CD0F 51C0 4F8E 74E8
uid                               Marc Fonvieille <marc@blackend.org>
uid                               Marc Fonvieille <marc@freebsd-fr.org>
sub 1024g/37AD4E7D 2004-12-25

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.121. Pete Fritchman <petef@FreeBSD.org>

```

pub 1024D/74B91CFD 2001-01-30 Pete Fritchman <petef@FreeBSD.org>
    Key fingerprint = 9A9F 8A13 DB0D 7777 8D8E 1CB2 C5C9 A08F 74B9 1CFD
uid                               Pete Fritchman <petef@databits.net>
uid                               Pete Fritchman <petef@csh.rit.edu>
sub 1024g/0C02AF0C 2001-01-30

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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### 3.122. Bernhard Fröhlich <decke@FreeBSD.org>

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pub  rsa2048/4DD88C3F9F3B8333 2015-05-05 [expires: 2018-05-04]
      Key fingerprint = 3924 2DE3 BD34 BB70 529C 03D2 4DD8 8C3F 9F3B 8333
uid  Bernhard Froehlich <decke@bluelife.at>
uid  Bernhard Froehlich <decke@FreeBSD.org>
sub  rsa2048/623F4D906034D944 2015-05-05 [expires: 2018-05-04]
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-----END PGP PUBLIC KEY BLOCK-----
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**3.123. Landon Fuller** <[landonf@FreeBSD.org](mailto:landonf@FreeBSD.org)>

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pub  rsa2048/86CDBA86B7E31D02 2016-06-01 [SC] [expires: 2019-06-01]
    Key fingerprint = 9E26 9CB1 93F4 76EA 9A08 731C 86CD BA86 B7E3 1D02
uid                               Landon Fuller <landonf@freebsd.org>
sub  rsa2048/203DA64DD0940730 2016-06-01 [E] [expires: 2019-06-01]
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AUCMhTDPxazrLiGjRSb+NTrPIAtIEKLLKp6tsQhF0Yjm1PHfZWt+Z4PlGu/iPPDC
3a/jrw7oEgSIXR3fu0/3wBCYYpwLTLqKWLxcFw6fv02/qJHXPRXTC6YqHWS
=H+pD
```

-----END PGP PUBLIC KEY BLOCK-----

**3.124. Bill Fumerola** <[billf@FreeBSD.org](mailto:billf@FreeBSD.org)>

```
pub  1024D/7F868268 2000-12-07 Bill Fumerola (FreeBSD Developer) <billf@FreeBSD.org>
    Key fingerprint = 5B2D 908E 4C2B F253 DAEB FC01 8436 B70B 7F86 8268
uid                               Bill Fumerola (Security Yahoo) <fumerola@yahoo-inc.com>
sub  1024g/43980DA9 2000-12-07
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-----BEGIN PGP PUBLIC KEY BLOCK-----

```
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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AnZcr4aqEeyMntG18gP1c9JwPPSLX50fmjCm3zWtEjwrHway6YPggXqX8efuY3lo
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```



```

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.125. Stanislav Galabov <[sgalabov@FreeBSD.org](mailto:sgalabov@FreeBSD.org)>

```

pub 2048R/82A681748682CA20 2016-02-24 [expires: 2019-02-25]
    Key fingerprint = 66D5 DF41 FA7C F850 406C B009 82A6 8174 8682 CA20
uid                               Stanislav Galabov <sgalabov@gmail.com>
uid                               Stanislav Galabov <sgalabov@FreeBSD.org>
sub 2048R/DC04B413C1F2C9EF 2016-02-24 [expires: 2020-02-24]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```



```

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.126. Andriy Gapon <avg@FreeBSD.org>

```

pub      4096R/0x380342A852615619 2013-09-23 [expires: 2017-09-22]
          Key fingerprint = 6414 0613 EC1E 5175 77F5 785B 3803 42A8 5261 5619
uid       [ultimate] Andriy Gapon <avg@FreeBSD.org>
uid       [ultimate] Andriy Gapon <andriy.gapon@hybridcluster.com>
uid       [ultimate] Andriy Gapon <avg@icyb.net.ua>
sub      4096R/0xFFFD3A35E4129D34 2013-09-23 [expires: 2017-09-22]

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### 3.127. Beat Gätzi <beat@FreeBSD.org>

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pub  rsa2048/A583FB36B6453181 2015-02-16 [expires: 2018-02-15]
      Key fingerprint = EF7D 332F 4D4A F252 BF4C 09E1 A583 FB36 B645 3181
uid      Beat Gaetzi <beat@FreeBSD.org>
sub  rsa2048/5D496E43DD25AFED 2015-02-16 [expires: 2018-02-15]

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### 3.128. Daniel Geržo <[danger@FreeBSD.org](mailto:danger@FreeBSD.org)>

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pub  4096R/7D81BFC724F0CF16 2015-10-05 [expires: 2020-10-03]
      Key fingerprint = 9523 41A8 77DD 42EE A950 06DB 7D81 BFC7 24F0 CF16
uid   Daniel Gerzo <danger@rulez.sk>
uid   Daniel Gerzo <dgerzo@gmail.com>
uid   Daniel Gerzo <gerzo@syscare.sk>
uid   Daniel Gerzo <danger@FreeBSD.org>
sub  4096R/777D8003C7546767 2015-10-05 [expires: 2020-10-03]

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**3.129. Simon J. Gerraty <sjg@FreeBSD.org>**

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pub   1024D/B6CC76BF 2002-06-12
      Key fingerprint = F3BA D6CB E1F8 02EA 705F BCAD 6125 F840 B6CC 76BF
uid       Simon J. Gerraty <sjg@crufty.net>
uid       Simon J. Gerraty <sjg@juniper.net>
uid       Simon J. Gerraty <sjg@NetBSD.org>
uid       Simon J. Gerraty <sjg@FreeBSD.org>
sub   1024g/D94B72B9 2002-06-12

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.130. Justin T. Gibbs <[gibbs@FreeBSD.org](mailto:gibbs@FreeBSD.org)>

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pub 2048R/45A4FC2F 2012-02-10
    Key fingerprint = B98A C3AB 412B 094B D6FE E713 FA5A 1E30 45A4 FC2F
uid      Justin T. Gibbs <gibbs@FreeBSD.org>
uid      Justin T. Gibbs <gibbs@FreeBSDFoundation.org>
uid      Justin T. Gibbs <gibbs@scsiguy.com>
sub 2048R/AF6927F8 2012-02-10
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-----END PGP PUBLIC KEY BLOCK-----
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**3.131. Pedro Giffuni** <pfg@FreeBSD.org>

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pub   rsa2048/CD6B0B96CEF22D04 2015-04-24
      Key fingerprint = DE2D A4F4 C66E DE0F D41E EB70 CD6B 0B96 CEF2 2D04
uid           Pedro Giffuni <pfg@FreeBSD.org>
sub   rsa2048/5D98460191310FC9 2015-04-24
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**3.132. Palle Girgensohn** <girgen@FreeBSD.org>

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pub   2048R/4A6BAAAD 2012-02-23 [expires: 2016-02-23]
      Key fingerprint = BD8C 332C E630 31D6 2FDB 80BD 5FF2 A161 4A6B AAAD
uid           Palle Girgensohn <girgen@pingpong.net>
uid           [jpeg image of size 8260]
uid           Palle Girgensohn <girgen@FreeBSD.org>
sub   2048R/6BC41243 2012-02-23 [expires: 2016-02-23]
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Comment: GPGTools - <http://gpgtools.org>

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### 3.133. Philip M. Gollucci <[pgollucci@FreeBSD.org](mailto:pgollucci@FreeBSD.org)>

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pub 4096R/D21D2752 2013-07-21
    Key fingerprint = ECDF B597 B54B 7F92 753E E0EA F699 A450 D21D 2752
uid      Philip M. Gollucci (Sedan Magic) <pgollucci@sedanmagic.com>
uid      Philip M. Gollucci (P6M7G8 Inc.) <pgollucci@p6m7g8.com>
uid      Philip M. Gollucci (FreeBSD Foundation) <pgollucci@freebsd.org>
uid      Philip M. Gollucci (Apache Software Foundation) <pgollucci@apache.org>
uid      Philip M. Gollucci (Taxi Magic) <pgollucci@taximagic.com>
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Comment: GPGTools - http://gpgtools.org

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### 3.134. Mikolaj Golub <[trociny@FreeBSD.org](mailto:trociny@FreeBSD.org)>

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pub 2048D/19D0B7C168EB30CD 2011-03-13
Key fingerprint = F941 9360 203C C663 A4A3 8FDF 19D0 B7C1 68EB 30CD
uid Mikolaj Golub <trociny@freebsd.org>
sub 2048g/8E49E362CF53D752 2011-03-13

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```

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.135. Danilo Egêa Gondolfo <[danilo@FreeBSD.org](mailto:danilo@FreeBSD.org)>

```
pub  rsa4096/8586A54720E27246 2015-10-19 [expires: 2018-10-18]
     Key fingerprint = 691E 7D8F 6521 8237 8EB1 1173 8586 A547 20E2 7246
uid          Danilo Egea Gondolfo <danilo@FreeBSD.org>
uid          Danilo Egea Gondolfo <danilo@FreeBSD.org>
uid          Danilo Egea Gondolfo <danilogondolfo@gmail.com>
uid          Danilo Egea Gondolfo <danilo@gondolfo.com.br>
sub  rsa4096/C2F847657133F473 2015-10-19 [expires: 2018-10-18]
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=M2pb
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.136. Daichi GOTO <daichi@FreeBSD.org>

```
pub 1024D/09EBADD6 2002-09-25 Daichi GOTO <daichi@freebsd.org>
    Key fingerprint = 620A 9A34 57FB 5E93 0828 28C7 C360 C6ED 09EB ADD6
sub 1024g/F0B1F1CA 2002-09-25
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.0 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.137. Marcus Alves Grando <[mnag@FreeBSD.org](mailto:mnag@FreeBSD.org)>

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pub 1024D/CDCC273F 2005-09-15 [expires: 2010-09-14]
    Key fingerprint = 57F9 DEC1 5BBF 06DE 44A5 9A4A 8BEE 5F3A CDCC 273F
uid          Marcus Alves Grando <marcus@sbh.eng.br>
uid          Marcus Alves Grando <marcus@corp.grupos.com.br>
uid          Marcus Alves Grando <mnag@FreeBSD.org>
sub 2048g/698AC00C 2005-09-15 [expires: 2010-09-14]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.4.2 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.138. Peter Grehan <[grehan@FreeBSD.org](mailto:grehan@FreeBSD.org)>

```
pub 1024D/EA45EA7D 2004-07-13 Peter Grehan <grehan@freebsd.org>
    Key fingerprint = 84AD 73DC 370E 15CA 7556 43C8 F5C8 4450 EA45 EA7D
sub 2048g/0E122D70 2004-07-13
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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aGFuIDXncmVoYW5AZnJlZWJzZC5vcmc+iFsEEcABsFAkDzjb8GCwkIBwMCAXUC
AwMWAgaECFV4AACGkQ9chEU0pF6n19yACeNpRdDKA7qDA1vKGyJIEdeAhqT4A
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+2Tbxd3qHtDDwMnY8NKi15FA0Cs40PUfHtWrxWlqcm7QRMhHpR49tR1f7xT7CR
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juieqW0bcYqNu2F/GeUcgvD3dWt7iEYEGBECAAYFAkDzjcsACgkQ9chEU0pF6n2l
QACglTS9Ryv4oLwvXTNK2j2RLiH1VZEAn1YaLcP5rtafXPpdMdC0uJXo7MjC
=UNPF
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.139. Jamie Gritton <jamie@FreeBSD.org>

```

pub    1024D/8832CB7F 2009-01-29
       Key fingerprint = 34F8 1E62 C7A5 7CB9 A91F 7864 8C5A F85E 8832 CB7F
uid          James Gritton <jamie@FreeBSD.org>
sub    2048g/94E3594D 2009-01-29

```

```

-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGIBEmC0zURBAC0S0852bwRYqXrfV9/pT8BmnGL7GYrkBDtJqL0IaTV1Bmdw7ed
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B5Tphm0TQJ4ytVxr/tcvzD0CxbtyG6t7eCJBlfEgGjZLQu7uYrQhSmFtZXMG8R3Jp
dHRvbiA8amFtaWVARnJlZUJTRC5vcmc+iGAEEcACAFaKMc0zUCGwMGCwkIBwMC
BBUCCAMEFgIDAQIeAQIXgAAKCRCMWvheiDLLfwhyAKCP4JGKcayDfY1f7sBXhYSa
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hh5mMr0ZnfdRn5YGER3ZCE0GzdW0pY1t8THd6mtXmK7iIKKy+3u/WHf0tCJDRXk6
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L+X9H5BR1y6XkxbxqlWF5I2FDJo4Bz0A1eISQQYEIACQUCSYI7NQIbDAKCRCM
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2+bu5gU=
=Uux7

```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.140. Edwin Groothuis <edwin@FreeBSD.org>

```
pub 2048R/C593B37A 2013-11-02 [expires: 2017-11-02]
    Key fingerprint = 7046 C56A A497 73C6 096C 3F50 11C4 8287 C593 B37A
uid      Edwin Groothuis <edwin@freebsd.org>
sub 2048R/731E3D42 2013-11-02 [expires: 2017-11-02]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG/MacGPG2 v2.0.22 (Darwin)
Comment: GPGTools - https://gpgtools.org
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IMgx1UfK3dtdkTtVIVghkQ0Uhe4T87AM2KYAiHuhtkiRltiz7LlR0YJphTdV5AI2C
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tcmogjC5AQ0EUUnSEPAEIAM8SFImex0wo/2uNzMUExmu/Uwu0ymq1PBKAbZ/GBP0
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WmXsGsk71UYsWeo7Enj129KzAEuzZP2QWwT0w3U0nJUhoc92f5fWuEwUixph2LzH
lbzCgHWV7tLxd6eBnXh53dIQoCG/wN6p+9ygehejysAEQEAAYkBJQQAQoAdWUC
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=y0tR
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.141. William Grzybowski <wg@FreeBSD.org>

```
pub 2048R/CFC460C5 2012-09-28
    Key fingerprint = FC40 5CD8 0879 7F50 0036 D924 D9F7 8B27 CFC4 60C5
uid      William Grzybowski (FreeBSD) <wg@freebsd.org>
uid      William Grzybowski <william88@gmail.com>
sub 2048R/05577997 2012-09-28
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQENBFBlilQBCAC3K0f/7RxT6pjift4C8KtW785AUl4iNKMj40H1SYL9XjCNiGA4
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1KdA2n8dfqErdB1A+G3sBb2+ySZU+09h/VXAlsmR6g00Et3l4wI67VNIIFdo4T0G0
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Uq9Zle7RfKLZ7HKfiNEWIzS0zPf0AsLQ4XRiHsGQLtTLX4pVGuto8VsY7orgn9KR
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oMxesc54A/7tC1Wb0AgS8gM=
=Zn05
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.142. Barbara Guida <bar@FreeBSD.org>

```
pub      2048R/3DF5F750 2012-11-13
          Key fingerprint = D367 F6C8 2A5F 2921 70D2 B446 27DD 6FD6 3DF5 F750
uid       Barbara Guida <bar@FreeBSD.org>
uid       Barbara Guida <barbara.freebsd@gmail.com>
sub      2048R/1DF7506C 2012-11-13
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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ghGKdj33ssw/z4cxPUTgeGgWpJnI40+ZuD4SIk0MydQREaltmdBxpAm68mKLZCjB
/LT6TiD7NRKVM+2KZXgNzdjiSQG4aSa21V/d2bk0mZWVvj510qx+vlfS3/u+c06A
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```

```

r8DSxLL7wDQ2QqsDU0mdn0xS99v0le4FoItlpjtcWwXG5eTnEejD1VmCorumNTD
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AA+Qvw==
=8co3
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.143. Anish Gupta <[anish@FreeBSD.org](mailto:anish@FreeBSD.org)>

```

pub  rsa2048/032E006E119E57D4 2016-02-21 [expires: 2019-02-20]
      Key fingerprint = B6BC 1DA5 54F7 1115 CF3B 350E 032E 006E 119E 57D4
uid      Anish Gupta <anish@freebsd.org>
sub  rsa2048/668CCACEEDAAC016 2016-02-21 [expires: 2019-02-20]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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### 3.144. John-Mark Gurney <[jmg@FreeBSD.org](mailto:jmg@FreeBSD.org)>

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      Key fingerprint = D87A 235F FB71 1F3F 55B7 ED9B D5FF 5A51 C0AC 3D65
uid      John-Mark Gurney <jmg@jmgurney.com>
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**3.145. Mateusz Guzik** <mjg@FreeBSD.org>

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pub 2048R/21489259 2012-06-03
    Key fingerprint = 3A9F 25FF ABF6 BB23 5C70 C61B 96D3 5178 2148 9259
uid                                     Mateusz Guzik <mjg@freebsd.org>
sub 2048R/EA19FE8D 2012-06-03
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**3.146. Jason E. Hale** <jhale@FreeBSD.org>

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pub 3072D/8F2E5907 2012-09-07
    Key fingerprint = 009C 54BF 32D0 F373 8126 C8A1 D8DD 2CA4 8F2E 5907
uid                                     Jason E. Hale <jhale@FreeBSD.org>
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sub 4096g/7081A001 2012-09-07
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 -----END PGP PUBLIC KEY BLOCK-----

### 3.147. Jason A. Harmening <jah@FreeBSD.org>

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pub    rsa2048/BB9F8BF992841D1B 2015-03-09 [expires: 2018-03-08]
       Key fingerprint = D6F7 142D E415 8182 FFC5 E685 BB9F 8BF9 9284 1D1B
uid    Jason A. Harmening <jah@FreeBSD.org>
uid    Jason A. Harmening <jason.harmening@gmail.com>
sub    rsa2048/65B797684FD3EC2F 2015-03-09 [expires: 2018-03-08]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.148. Daniel Harris <dannyboy@FreeBSD.org>

```
pub 1024D/84D0D7E7 2001-01-15 Daniel Harris <dannyboy@worksforfood.com>
Key fingerprint = 3C61 B8A1 3F09 D194 3259 7173 6C63 DA04 84D0 D7E7
uid Daniel Harris <dannyboy@freebsd.org>
uid Daniel Harris <dh@askdh.com>
uid Daniel Harris <dh@wordassault.com>
sub 1024g/9DF0231A 2001-01-15
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.7 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.149. Daniel Hartmeier <[dhartmei@FreeBSD.org](mailto:dhartmei@FreeBSD.org)>

```
pub 1024R/6A3A7409 1994-08-15 Daniel Hartmeier <dhartmei@freebsd.org>
Key fingerprint = 13 7E 9A F3 36 82 09 FE FD 57 B8 5C 2B 81 7E 1F
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.150. Oliver Hauer <[ohauer@FreeBSD.org](mailto:ohauer@FreeBSD.org)>

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pub 2048R/5D008F1A 2010-07-26
Key fingerprint = E9EE C9A5 EB4C BD29 74D7 9178 E56E 06B3 5D00 8F1A
uid olli hauer <ohauer@FreeBSD.org>
uid olli hauer <ohauer@gmx.de>
sub 2048R/5E25776E 2010-07-26
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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saFIzZ9GEhZQ0Dn0Nsi+k87yt8U3N1Pjf7sv7dIouVuoT7AMGA8IfGjyGxaBqydA
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9C9j9upXe0qx20qfUoN7dXT7uNmc9My6Ng9yJwFTHat6xPSgJg==
=cHUii
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.151. Emanuel Haupt <ehaupt@FreeBSD.org>

```
pub   rsa2048/104E62C545316E89 2016-01-30 [expires: 2019-01-29]
       Key fingerprint = D9F1 1649 6964 99EA ADBF D1C4 104E 62C5 4531 6E89
uid    Emanuel Haupt <ehaupt@FreeBSD.org>
sub    rsa2048/AB8EF8AD753A7017 2016-01-30 [expires: 2019-01-29]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQENBFasZwKBCADvp+7y+SXuAtQ0hVL0gxWCDYpVD78h+jKEx+AASTVaIeOg3/p5
uLVntECiRwdRFINR7CSHYgFfBr1GQrQmxQR4wmAJ3MQX9q8CjFbDtYwRludw+tSj
SteEBVj/i0AoYcLant5HiYxmK1jR2vMjPv/qZkZwWgyqWfPa08MquKnZNVwMvbrh
RGUDxXfnA4b1jVmyLoSgoD1Dbog7X4jEhXWahb4aPf10UWjTmiFg03sG9k3M48E
jf+gLCiKNyB0w77WN1EHgtFiTgVkyMxXBWQRxAxi8oUDjDe84pPHkzMCZ+g4j/xB
zQ8VNWJwCijavwF3NkWM2RC2M+h8Qwf+494rABEBAAG0IkvtYw51ZWwgSGF1cHQg
PGVoYXVwdEBGcmVlQlNELm9yZz6JAT0EEwEKACcFAlaszWkCGwMFCQWjmoAFCwkI
BwMFFQoJCA5FFgMCAQACHgECF4AACGkQEE5ixUUxboL61af+NCCB2+Ybg+toEKbi
II7vIK0rCPwhXqkzff+HCiHVKwV+9aZjMhuqya0gfU/GkMjNbgZeSCfGAG/i4cK
cUpanWjxYS4+XL/dJ/JAuLLpRWf2x0f6Xj9gVDQlpKy6/sVQeByRzE64yD5gk2qm
9hpJhl5s8o9qWvc86D/Gzez4xipIQDo7Yqf041c2gotLBgY/nc27dfrNSQcXyXp8
fjd6sEm6oZFyTU+IBaIyU060e0Ur/45usxrKzj75nEr89nbz/JPUlPxYg98X1+0d
Vjev3TBt/Q24Cy1ThngVI7WJ7E/rujElASr5q414tmuQdGek1wJBuN1sTWAK2PdE
gw8cyLkBDQWRm1pAQgApPDPf/mWenG0VdussTFtK/uN+izGqmUfTmXRUJJMiQab
5FRtEsRvW0dM6f/9WyBASTLPkuGRgTt46pFVFKRsCg/ISq3jGwzE169exU+EI23k
25n9/Sx5c1c/1RwzybZiN4R7tPHHKWTqL2ULWK0eJfKfGa1kopFZrqSSSFQJNFN
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cMMMSMwymVwnMESu1Klt7Yx6oDExImL/q5/ciKgc0/lu9tf/cMvy3p7JMsfS0475
yYJIgnjnwDwahaXhXm/HjvhumF3JaYt5LAspvH6p5wARAQABiQE1BBgBCgAPBQJW
rM1pAhsMBQkFo5qAAAOjEBB0YsVFMW6JBXQIAK46hk9Xu2jpxvCAo7qQFBA7TgNF
ebQhSgBnaeIN74SF0A31YFrUsMA/DigWbuo459fKIBHe/uM5KxHsS10ok2Gb/o91
QYn4k46xQvLvb9c2UvtS1fgyl9gozS29x0y209yvcu6hh5byTk5ZoQIHm+miGhQ
yo4xvsSkiIa0+SCzm4EKqGkXx/kDyJcBbvNtcw0w7HVwBbYi+GQm5m3bAkq8EmS
etrie68ENplCuulcIcH5xAYzte02xpYZAQiXH4stZamNK7ayoxKwPKj7sgPUkuwD
pR100Vrq33GQzNc9kC8G4mfCECXZKLzNXpjSpBgCpEnvNcHQGLEoawPhWys=
=MRc2
-----END PGP PUBLIC KEY BLOCK-----
```

**3.152. John Hay <jhay@FreeBSD.org>**

```
pub  2048R/A9275B93 2000-05-10 John Hay <jhay@icomtek.csir.co.za>
    Key fingerprint = E7 95 F4 B9 D4 A7 49 6A 83 B9 77 49 28 9E 37 70
uid                                     John Hay <jhay@mikom.csir.co.za>
uid                                     Thawte Freemail Member <jhay@mikom.csir.co.za>
uid                                     John Hay <jhay@csir.co.za>
uid                                     John Hay <jhay@FreeBSD.ORG>
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
Version: GnuPG v1.0.6 (FreeBSD)
```

```
Comment: For info see http://www.gnupg.org
```

```
mQENAZkZeP4AAAEIAMKg3LRpUCJdg9V9Pr0KIdvaQeItf5Fcrbh0GE4skfNPKeTg
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dN3Ra+GoR+cWVLKuXj+IxAOZiv2WE1027TnMhWGF/DHLdoWvSwJdVrGnk0KjBJGr
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FRR5yl+izJfffQilJc4yY0rXqDu9K3i+/0lWywcbnqMtRj8Pnr3j3Lzft+xex2mL
qX68fE6dxof6Tc3GQCEqelj0IOAb8Zqy2qknW5MABRG0IkpaG4gSGF5IDxqaGF5
QGljb210ZWsUy3Npci5jby56YT6JARUDBRA8TDj/8Zqy2qknW5MBAeMwB/9R+Nvd
bPPkv1L4Qaw9I1FwM3iaMDM4IkqR6r+Gsi+RYICLYmRBU1HXZzKyNR/Ysy0thnIe
Y02yg7U2nYJ00ysSZ11Hd7R9EQBuYZk647PMKbQ+pQ4k9Ki010bT9JivWz6u6R3l
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VXKnFHAP2Um8IZeHXKqGh/jTTNCqWz7oj3GfVzzGEnmwI+goZScQWUL5J708Mn0f
uxiuOMBs7LSvgld7iEk0loCDClv72i2Sr4rPuybIPMMPIpx/DpAZAIiMYHJ6PdK
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C2yD23fC/lqZ6LixxGrsZK5TxRycWw7fq06h77kd/RX8UMFERphMTkIapt+wLLOX
qGLcYldVyNhW34SutdH2XkMFo6T8C0AautpnAMhrSh4dBw6XQUreVqc1BsyXL4vT
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+40ZjeRycvA9Yjh+0NA0dX5ijn7QbixjSehFsmDpx+KdNyZbp6iAIurf7ysEp2Qm
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cmVlbWFPbCBNZW1lZiXIGPgpoYXlAbWlrb20uY3Npci5jby56YT6JARUDBRA5HN4y
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rQKDtU49MS7ybHoLFz9GXKo8iTN0uXE70G0x8kIuapiNwKm2wayng8utIxGaco0
hp8D0uj3dgTFUZ3pcMSxtjWetBtKb2huIEhheSA8amhheUBGcmVLQlNELk9SRz6J
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i7avfz8duVbvm09yDLytnBGr3te7tkmalwk3JkxJhiMuUW9w9woCuVWRexLABDm
Md8JjvyLqIe6bNkIcE9GvHhQUYegYqVhDqzKH+cme1oLSYDDjt458yMYo6UXu+x
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=l5Xu
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

**3.153. Björn Heidotting <bhd@FreeBSD.org>**

```
pub  rsa2048/B93D05A194D5A763 2014-11-19 [expires: 2017-11-18]
    Key fingerprint = D87F 0EDC 4B51 40A4 AD94 621D B93D 05A1 94D5 A763
uid                                     Björn Heidotting <b.heidotting@yahoo.com>
uid                                     Björn Heidotting <bhd@FreeBSD.org>
sub  rsa2048/774BC281D252F376 2014-11-19 [expires: 2017-11-18]
    Key fingerprint = AAC8 C89E 7CF6 68E2 6CDC 396B 774B C281 D252 F376
```



```

-----BEGIN PGP PUBLIC KEY BLOCK-----

mQENBFRs8IMBCADUYpZiddobGttImSXhvQ/tZqqe+RpoTk8+gP91cdlyKERlprao
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KftHfEAY06/BOueXzr/kuXp0vLWBfPondUzwq2l9zEAEqIRerRh88USxaApBNkMJ
d7oInA0+y7rt3dvMcMfbmZAK076QX/avN2s/fhKhgf754Xofo3YXvy3k5m3cvnsL
fMWD3xJUx1d4NhFt3PdZpIFy5LgB1d2pUtklclidT3KggYy91Zhq8sySCNAE4NKKs
Ibcdl2lRRA390pnjtF/iHgW9Da8bu8S7Vzi/ABEBAAG0I0Jqw7ZybiBIZWlkb3R0
aW5nIDxiaGRARnJlZUJTRC5vcmc+iQE3BBMBCgAhBQJUsXIIAhsDBQkFo5qABQsJ
CAcDBRUCQGlAh4BAheAAAOJELk9BaGU1adj/AIIALZTukVyrS1D9j2Q0etbWfcY
bh0Ruppke/L+2Q+PFztVBjDXl/nGfENfUNdaWT7aWKHlhGVqukfZUjRd0kpsejeR
nIkzaFujS+G9XFfkqJsD6wfYhTskani5XJSsCGa0njKgPIqU3SvhMzcDKWqjiTxr
lUwHaf1L7QCjD0/xkV/5l7/YifTRo1bxu4YELnGtDCMdTH4PgXRD9vIEiKELq3l0
GV1SKAZSehUmfcP0mS31aIa0SJJ3tjhSwW2MSbxwWx9cUcRVo9r76NND0X+y3x0+D
46oQPU6wGu6xRkeFbSVZLxtgHHikugM3pkqW40CIA6sBHreZPH5ta3/Pm7dYi0y0
KkJqw7ZybiBIZWlkb3R0aW5nIDxiLmhlawRvdHRpbmdAeWfob28uY29tPokB0gQT
AQoAJAIBAwUJBa0agAULCQgHAwUVCgkICwIeAQIXgAUCVLgdKwIZAQAkCRCS5PQWh
lNwnY7ztB/wNnfj+TLALC6/Q9Z9wh/QsUFmJch6GSrsusJgeB5N+lsR05fW0fux5
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Rt1KjCfdqh0Q0FNFEYqR52j8NPCNV2P0L1ihr5NrQvxcyJ0GXP/g0Pq6afetUNSq
4CdatCfGR2VntkTNGPo0q5+gsMnJ3HolUQENBFRs8IMBCACWcsS40nT/crVT6mnr
0Q3QhgiU7hHZpVRUHLACxRN8CAWpe0RJyYzWhAKN+wEp6P4uV8sTlWKX/ca80o2+
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lBU9ABEBAAGJASUEGAEEAA8FAlRs8IMCGwWFCQWjmoAACGkQuT0FoZTVp2PD/gf+
0BmIPxqq9zudCL40Eb+jW6TE5SBhVQXSbfWgmyPeXro/WpEAUXx7X/a6qQaAwN4N
8905lPPAWkVUihWtaAUWmy5le4/0HkVB9qXle9cCj0WIkMHsuQoT3lFSc/0baMYQ
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/CLQ7za+UncfWtI7chLnPlXbNh2xzAxIvGBU6PcQrBULmo60vqFzgl1IxPztlrIX
7LmHy7wvCm28Wh9mV4+gqw==
=FEe0
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.154. Sheldon Hearn <[sheLdonh@FreeBSD.org](mailto:sheLdonh@FreeBSD.org)>

```

pub 1024D/74A06ACD 2002-06-20 Sheldon Hearn <sheldonh@starjuice.net>
Key fingerprint = 01A3 EF91 9C5A 3633 4E01 8085 A462 57F1 74A0 6ACD
sub 1536g/C42F8AC8 2002-06-20

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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eLu18skUNuply3uIwvhnUY30PSzVkhC+tUPWfW/8DqdJzud/l8sDFDRtBwCgtixB
FHJ2jRXInApVzwLcjpgVJq8D/ixzt00/Zg2p62/qyAHac7M1sEc2QarCAGwRbuNw
jHRTglxQw/GT2NACWqy7lVHKd37ciCrXg9QrTjotJtMcoJbCitYvbQo2RHfEeIyN
yw7rfftQ4CpB5lKxNhUwHcUfe6Jhx2hgHzehJg7hYnbtSv5hJcn2DXMSHHyHwBri
hpldBACI7iJxL2MtFUHBo3XW27WYDzTNh2LUaMcIaowMW/+vIDds6EI7ldCAjuU
Ai8DcNacMtE0xRdtNzDMS8vgYWBVLkHv2ENVdLfpxhM72iu4tmPKGF5AXK191dvJ
qPge41Z2/57191Xt+keYtuSQDtXwZfSuluLOHBa0BBvmpPB0trQmU2hlbGRvbiBI
ZWfYbiA8c2hlbGRvbmhAc3RhcmplawNlLm5ldD6IVwQTEQIAFwUCPRHSFAULBwoD
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qAGAD5XpavuJisxGjfm7aTVWIpr/00VFYkw59YInHM7dDHL0Y7tQETeEkf9pj6kF
TMyWfobJtdazqSmq2YX0vI00N27IKT9eqxJ/qR8QgIqBMNkraP9QK160ASDIRutl
OZSfokSbAKkZMTyS086CgWw0bCPXRCvQLHDjga3KCbht0AjrZFkGmi6r4+rXFnT6
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```

```
p+2xmWIFEDim7J9CwL5viTb1t8f0Kx69hFDQ2BwPNDZd1HvLrYTpuJ23uTrD0Zsw
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iv0oR3QdZg7rxv0U98HhDQ1iJX3rCtLNFGisrovDF33oHMEE4oHvSMXeg65JXWiU
EpEpioINjrA3P+TL+fMv1tb4+wSUPqTWX34Gx4UfDKnMedxl6j2IRgQYEQIABgUC
PRHSKwAKCRCKYlfxdKBqzVtaAJ42mqzwmJCpk8fdfsKUt5uGTN8sgCfdmDni10D
NWQilmhQ0XZX9oGgyso=
=PTeT
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.155. Mike Heffner <mikeh@FreeBSD.org>

```
pub 1024D/CDECBF99 2001-02-02 Michael Heffner <mheffner@novacoxmail.com>
    Key fingerprint = AFAB CCEB 68C7 573F 5110 9285 1689 1942 CDEC BF99
uid                               Michael Heffner <mheffner@vt.edu>
uid                               Michael Heffner <mikeh@FreeBSD.org>
uid                               Michael Heffner <spock@techfour.net>
uid                               Michael Heffner (ACM sysadmin) <mheffner@acm.vt.edu>
sub 1024g/3FE83FB5 2001-02-02
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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mQGiBDp6LpYRBACHINF1K2LJiWCFAGY36X+NFDvgbRe9U7BKy2Q8ZPouM0i/GIwW
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Zj2oDgJZ0cuP2AshoJXnKavDjwBIvgf/p6cPZ9CS0sF8WI+v/LHN/EUQQoXXNzD5
ZujgMhlw35nMvl7fSJRDaie9HggUx+ODtWimR0piicDXb849asCrUUEcpU0V3G
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Cffo5C6Ei5xHtWRA0DpHCh0o0gCgqwDeqC4zLU/LB/jKYdGX37VPMQ00I01pY2hh
ZWwgSGVmZm5lciA8bWlrZWwArNjLZUJTRC5vcmc+iFCEExECABcFAjp/gWcFCwK
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LQCgmpN9GwBWNxzBlbAQEw108anp5xiIRgQQEQIABgUC0s491gAKCRDCpSwr0i8V
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JE1pY2hhZWwgSGVmZm5lciA8c3BvY2tAdGVjaGZvdXIubmV0PohXBBMRAGAXBQI6
f4GRBQsHCgMEAXUDAGMWAgECF4AACGkQFokZQs3sv5mRMwCffitELKCHTC+tF8hQ
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pub 1024D/116C5C85 2002-06-17 Martin Heinen <mheinen@freebsd.org>
    Key fingerprint = C898 3FCD EEA0 17ED BEA9 564D E5A6 AFF2 116C 5C85
uid                               Martin Heinen <martin@sumuk.de>
sub 1024g/EA67506B 2002-06-17
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

### 3.157. Niels Heinen <niels@FreeBSD.org>

```
pub 1024D/5FE39B80 2004-12-06 Niels Heinen <niels.heinen@ubizen.com>
    Key fingerprint = 75D8 4100 CF5B 3280 543F 930C 613E 71AA 5FE3 9B80
uid                               Niels Heinen <niels@defaced.be>
uid                               Niels Heinen <niels@heinen.ws>
uid                               Niels Heinen <niels@FreeBSD.org>
sub 2048g/057F4DA7 2004-12-06
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.158. Jaakko Heinonen <jh@FreeBSD.org>

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pub 2048R/F9A44D24949D44A4 2014-09-23 [expires: 2017-09-22]
    Key fingerprint = 2DFD B93A C98C A47A 6920 1FDB F9A4 4D24 949D 44A4
uid                               Jaakko Heinonen (FreeBSD) <jh@FreeBSD.org>
sub 2048R/724C087956D7D3CB 2014-09-23 [expires: 2017-09-22]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.159. Jason Helfman <jgh@FreeBSD.org>

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pub 2048R/4150D3DC 2011-12-18 [expires: 2021-12-15]
    Key fingerprint = 8E0D C457 9A0F C91C 23F3 0454 2059 9A63 4150 D3DC
uid                               Jason Helfman <jgh@FreeBSD.org>
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sub 2048R/695B1B92 2011-12-18 [expires: 2021-12-15]
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```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.160. Guy Helmer <[ghelmer@FreeBSD.org](mailto:ghelmer@FreeBSD.org)>

```
pub 2048R/8F1CEBC4 2012-05-22
Key fingerprint = 483E 9E6C C644 2520 C9FE 4E87 9989 CCAF 8F1C EBC4
uid Guy Helmer <guy.helmer@palisadesystems.com>
uid Guy Helmer <guy.helmer@gmail.com>
uid Guy Helmer <ghelmer@freebsd.org>
sub 2048R/2073E3F8 2012-05-22

pub 1024R/35F4ED2D 1997-01-26 Guy G. Helmer <ghelmer@freebsd.org>
Key fingerprint = A2 59 4B 92 02 5B 9E B1 B9 4E 2E 03 29 D5 DC 3A
uid Guy G. Helmer <ghelmer@cs.iastate.edu>
uid Guy G. Helmer <ghelmer@palisadesys.com>
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
Comment: GPGTools - http://gpgtools.org
```

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```



```
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=p7q+
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.161. Maxime Henrion <mux@FreeBSD.org>

```
pub 1024D/881D4806 2003-01-09 Maxime Henrion <mux@FreeBSD.org>
Key fingerprint = 81F1 BE2D 12F1 184A 77E4 ACD0 5563 7614 881D 4806
sub 2048g/D0B510C0 2003-01-09
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
```

**3.162. Wen Heping** <wen@FreeBSD.org>

```
pub 2048R/A03F07DA 2012-12-10
    Key fingerprint = 0258 F2C7 C123 E627 9E14 B4BA 270F 30AA A03F 07DA
uid                               Wen Heping (wen) <wen@FreeBSD.org>
sub 2048R/CFC8D6A9 2012-12-10
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

**3.163. Dennis Herrmann** <dhn@FreeBSD.org>

```
pub 4096R/F7CDCAA1 2012-08-26
    Key fingerprint = 0587 E730 68A6 2646 A991 505D CD9B 3A87 F7CD CAA1
uid                               Dennis 'dhn' Herrmann (Everybody wants to go to heaven, but nobody 3
wants to die) <dhn@FreeBSD.org>
sub 4096R/0A6D554F 2012-08-26
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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### 3.164. Justin Hibbits <jhibbits@FreeBSD.org>

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pub      2048R/37BE2DB9 2011-12-01
          Key fingerprint = 8A12 7064 4F3D 339A 191D AD52 30C7 858E 37BE 2DB9
uid           Justin Hibbits <chmeedalf@gmail.com>
uid           Justin Hibbits <jhibbits@freebsd.org>
uid           Justin Hibbits <jrh29@alumni.cwru.edu>
sub      2048R/A8DA156F 2011-12-01

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### 3.165. Peter Holm <pho@FreeBSD.org>

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pub      1024D/CF244E81 2008-11-17
          Key fingerprint = BE9B 32D8 89F1 F285 00E4  E4C5 EF3F B4B5 CF24 4E81
uid           Peter Holm <pho@FreeBSD.org>
sub      2048g/E20A409F 2008-11-17

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**3.166. Michael L. Hostbaek <mich@FreeBSD.org>**

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pub 1024D/0F55F6BE 2001-08-07 Michael L. Hostbaek <mich@freebsdcluster.org>
    Key fingerprint = 4D62 9396 B19F 38D3 5C99 1663 7B0A 5212 0F55 F6BE
uid                               Michael L. Hostbaek <mich@freebsdcluster.dk>
uid                               Michael L. Hostbaek <mich@commerce-france.com>
uid                               Micahel L. Hostbaek <mich@freebsd.dk>
uid                               Michael L. Hostbaek <mich@the-lab.org>
uid                               Michael L. Hostbaek <mich@freebsd.org>
sub 1024g/8BE4E30F 2001-08-07

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### 3.167. Po-Chuan Hsieh <[sunpoet@FreeBSD.org](mailto:sunpoet@FreeBSD.org)>

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pub 4096R/CC57E36B 2010-09-21
    Key fingerprint = 8AD8 68F2 7D2B 0A10 7E9B 8CC0 DC44 247E CC57 E36B
uid Po-Chuan Hsieh (FreeBSD) <sunpoet@FreeBSD.org>
uid Po-Chuan Hsieh (sunpoet) <sunpoet@sunpoet.net>
sub 4096R/ADE9E203 2010-09-21
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.168. Li-Wen Hsu <[lw@FreeBSD.org](mailto:lw@FreeBSD.org)>

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pub  rsa4096/6727E77C8862B656 2015-06-13 [expires: 2018-06-12]
      Key fingerprint = 107D 53F6 5215 335B 7094 3F84 6727 E77C 8862 B656
uid   Li-Wen Hsu <lw@FreeBSD.org>
uid   Li-Wen Hsu <lw@FreeBSD.org>
sub  rsa4096/081CF599F48DD68 2015-06-13 [expires: 2020-06-11]
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.169. Howard F. Hu <[foxfair@FreeBSD.org](mailto:foxfair@FreeBSD.org)>

```

pub 1024D/4E9BCA59 2003-09-01 Foxfair Hu <foxfair@FreeBSD.org>
    Key fingerprint = 280C A846 CA1B CAC9 DDCF F4CB D553 4BD5 4E9B CA59
uid                                     Foxfair Hu <foxfair@drago.fomokka.net>
uid                                     Howard Hu <howardhu@yahoo-inc.com>
sub 1024g/3356D8C1 2003-09-01

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AZEsGADvhHcvaACTBuYRvr8DyzUxFUxeNBWskLe7N5Hmaqauw681zsI+2osfXbw
Jkp3JUybeFSIN5pacLNP5+DEAOzzphCF8ALv9H/MB8J9dRhZwDkY7SKt/cSNh4Cz
xwADBQP/ad4exhzoFliXR4879xEAA5Ry3CCaoiPNeE4Aj9mWmjQEMzWY0jDeZ2zF
W8Jrn2i+t0VGfpg2FKwtuqU8JRslqbedYUlm3UQL2pgGSV2tAziuLKKkzPnKWo6
79hIhrjQCEPk1MqipoL6l8qZb8vbBpoCee5NF772jR85ai0ZdGmISQQYEQIACQIb
DAUCP3rhagAKCRDVU0vVTpvKWU/OAKCE4tEk79yRfTmSNNa+ddafxcuyagCeI9MA
byQ0CAi708pPSIquH3oiM8o=
=P50z
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.170. Wei Hu <[whu@FreeBSD.org](mailto:whu@FreeBSD.org)>

```

pub  rsa2048/E6001C673CCD08F7 2015-02-27
    Key fingerprint = 351D AC21 7E16 BC06 7CA0 7705 E600 1C67 3CCD 08F7
uid                                     Wei Hu <whu@FreeBSD.org>
sub  rsa2048/0C7F6F103AAA0465 2015-02-27

```



```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQENBFTw0CIBCACjw43RBjeX+400LB7qRHyoSEr5oC/u8Nk6n4MeFFKRgcpqYXe6
ckoQ4jGg8rMTbnsiLUu00cMUpp4mB/47zc0FX0VSsU8FsBapjxXRsgqLDUzL96Tm
3xgvgIp6GoIo0vC0m9x6dB5NywKrAvl5pVA0/g2QsinRqaHLrfIYhZpMqWlzGhwf
m8DdRj5D95vzG7bJBZyg6phmK5cgXnH2pLtDqo4NPP5weWl+BsvyoblPDocy0Hwx
StHjBRGqstseDy0UASu9btje5DVlQ4bq897Wb0i1yzwA/vbgaL+2B8QGBc+l+cjJ
+S2pEdyDKSWCkeKJaMa34Mp4xs5/W1ZjZlt9ABEBAAG0GfdaSBIdSA8d2h1QEZY
ZWVCU0Qub3JnPokBNwQTAQoAIQUcVPA4IgIbAwULCQgHAwUVCgkICWUWAwIBAAIe
AQIXgAAKCRDmABxnPM0I93WWB/4ojEVo+8zhVm5aM2gHNebIlV0Fn0jQcMshX/dT
7NwNRpZEYV0HqJMJe07ZMkJoirZrvQm6WrLS91lh2Aw3Sp0mo9S+pIOJf6c0MRk
Gwz0QBhxpILePUib4oqMeq8pEWT42ii0xEqUnK0BrBJJWQs9rnCkghzYyDVpe3NB
glpbD3Yhma5NK9aUCcC75heaXft6lwe0Dd8dd0NEHK7ZMLBgem/Uf85SprFMBoRS
NSQIC2gvJj701gGKcWxXudzFSaHKrN6iBUkTT1BqWSRwDvLwcnJbw83/lnSutodU
B6UCIVST8jgrDNmb/7UQLguG0BLSk0UE2dKjPaF/ICWJu/QFuQENBFTw0CIBCACd
axrZrShlEWtZfFsJM7uH7XusUJrjGEKPLnTikLcRXcCP1whXbhtinw6ehgm+PooQ
rWzLilh+Ogren/QgmKCGEA7WePQJd5DEVH11CnD32LlloRdN2P1ItHDWUdPg0zZ
R4tR6xe05iUuTiErM90ZKipeFXNqjnr6ki0+hA0ZQEgcZ08rLaLoIBf5EdvNIy1V
bjBSSuAIdYE0foZlCl+r7VLxFWnhB110n8vIvqmVBaKRkZx8LZ91LVVDBVJ3yuZE
pEmmfbnJEdi9IPDKcTsfn0eqTdmC/dEiSrLjKkBAfvKMmlIu/cnhQdWCUC+Giyt9
kZakqi/ksgz6tSBZfY35ABEBAAGJAR8EGAEGAaAKFALTW0CICGwwACgkQ5gAcZzzN
CPegVQf/WDja2xcoDFN45UCBDubdTi9XWshskymcY2WSRusp9bwo2DPTeZ9yJGn+
l2NBidZC4ppM2IDxhBCaaEtBZlBqztliVaW0mScssc3M49t26qzEHwIoVAGR7H0n
RJIClNm4DnN1PUwMq8e2LBfRv/5hUdAKG0H9uksFr7jgDYnul3cAITujQWl51kP
S7E+CS6h0ok/IniQIj9CjplgcQ2qIP8jKRrNBNojtvQUuqUjv6605EmEQXaNkLrZ
dm5daJ+me05fokmbkXgDRXyGhmcigPQzqz2ymR0zHk1dSyY6L4SjF8/JLlu8fdCb
G2ii6BtiESfaHofIAMVdYADgnJQL0A==
=jnKf
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.171. Chin-San Huang <[chinsan@FreeBSD.org](mailto:chinsan@FreeBSD.org)>

```
pub 1024D/350EECFa 2006-10-04
    Key fingerprint = 1C4D 0C9E 0E68 DB74 0688 CE43 D2A5 3F82 350E ECFA
uid Chin-San Huang (lab) <chinsan@chinsan2.twbbs.org>
uid Chin-San Huang (FreeBSD committer) <chinsan@FreeBSD.org>
uid Chin-San Huang (Gmail) <chinsan.tw@gmail.com>
sub 2048g/35F75A30 2006-10-04
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGibEUjcNoRBACNcr0sDaRrFQMnMjnNViPfgBakMnwy28P/tfZvg+vx/5iRt73p
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hqN2knPM1m/IZp1Y4a5Z10VnM6/fqItkxql4SX+GJ5815Lvh+1l0kr8eMwCg9w2Q
HgsgytJkYiFGJpkw1Y0fwFUD/2oALyshDDCQIshX2xHPk+zLTMQva7uqDy8AUJL0
o0DfaofDhkGjZnLpuFrc16eyfaYZw+m0149WTMpWrzCi+SmCXjeMSywINHneql+
X60zJCazYCGUfksbwtAH89gIRKJiQKQfi4xhDrn8Iu+x3Yt0KKxnrEVGX2S8fKka
6YJ9A/99q0NX+543o6/kjf0z6Q44xzoyalBXT36THsFm239Aa0ejufu+HeyTZs02
rvrF7IGgg31eUeQwx9gvRNFx65CkUc3A0TVfK2Tn36QJcGfm6r3ZYFWKjAMJ3haf
aE1E7Bs2GergIOKN0id8rjC6osA3NVYSGI4mKIuQcBoxUNf6bQ4Q2hpbilTYW4g
SHVhbmcmgKEZYZWVCU0QyZ29tbWl0dGVyKSA8Y2hpbNhhbkbGcmVlQlNELm9yZz6I
YAQTEQIAIAUCRSNw2gIbAwYLCQgHAwIEFQIIAwQWAgMBAh4BAheAAAJENKLP4I1
Duz6zsManloP0sY1yRM08jr7iCCdGtw2FuISAJ9crrnr12tcPS3281HX/4xk66dq
c7Q2hpbilTYW4gSHVhbmcmgKEdtYwlsKSA8Y2hpbNhhb50d0BnbWfPbC5jb20+
iGAEExECACAFakUjdFgCGwMGcwKIBwMCBBUCCAMEFgIDAQIEAQIXgAAKCRDspT+C
NQ7s+pzxAJ98bMcpWM9Vd/YvB2tx2tK3zH89GQCgqG0GeoJQvB+MWFm1oVbP5jmJS
wDu0MUNoaw4tU2FuIEh1Yw5nIchsYwIpIDxjaGluc2FuQGN0aw5zYw4yLnR3YmJz
Lm9yZz6IYAQTEQIAIAUCRSN1FwIbAwYLCQgHAwIEFQIIAwQWAgMBAh4BAheAAAJ
ENKLP4I1Duz6QX0AnRiAfY8Ngh14CbZyH193/LSIuebEAJ9wY9Gz9WQbwb7Q1JEX
c0mrejGiTbkCDQRFI3FNEAgAsPAXITBR7gx+9AyYwzvtIUjzo+viSfVHusyZccu8
82qzPKYF3JlQewFczrL6GbPCNqW2c/IZ0Sn8LeGgVw5cwP+eUNtcbuQIa8Hpgl0Y
Ns5WZlR94NXTdU8+m08WxugzsumUnScnKFhrzEQQKYbbAIavBAzVAoj8Bu2UDaCB
fCc4S60wHgUTuLHDRA0b8YXe4Zc/VbbLSIZFosga3vishPOCuj0YWjLjdkXHFZ+Y
```

```
We4oDxnMT/yPBcp1/7wqEhTid1dgJvu9R2N9IFSxHTxoHiEsEFa9z619/imVPXGF
rmcoJb5vG/NSH6cMHR5KP60H4ze0pwMKJ3had+YJSIJGBwADBQgAm9eGbCZ3RUin
Kh/AJSsVfzW0snA4V1sv3ovS0ekR0s9YoUkalx8Ywt4fZkGHFwvYXLVb1KnmW3+0
juhfrjsgmaiz0hSMHT47C21XJSvAWuXXZrF6PaIiPAo6q56wjfSS62ycj7z1U1SS
SDEusPgFG3LfYBuM2wjRYYXZ2plAcxhGt2oM5Mf4Tjom1Y1GHp4m9V0Ia+0D0HZI
+oNYl0teR6I2tWg90bXJcAd6VlSwYi25b/KRkzYyHLU84o11UJnBnG8HgaN6E92w
QAQTtIud6PxLWYBG0ni4vtD2ZwyGKAH26QJIUC4bLYdfoZ7V7/MbwI4JELiGjZCL
INqt4mrYsohJBBgRagAJBQJFI3FNAhsMAAoJENKLP4I1Duz6TJkAoNRkeWHFV+q1
WHzk4XJLFtL8cNyBAJ4u3Mfd7xo3Bx8pAs1vSTWooWb7Pg==
=IROz
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.172. Stephen Hurd <[shurd@FreeBSD.org](mailto:shurd@FreeBSD.org)>

```
pub 2048R/B3B5A1B498CE5CD0 2014-06-11 [expires: 2017-06-10]
    Key fingerprint = CA52 12EE 760A BCAA 0D5E 2974 B3B5 A1B4 98CE 5CD0
uid                               Stephen Hurd <shurd@FreeBSD.org>
sub 2048R/DA5C47503253C094 2014-06-11 [expires: 2017-06-10]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQENBFOX0kABCAC+iZzgkUnWd4RaS+/Yx2YJIW6ZPiAs+/TgJI37JnCTCAjJNlIh
/qwTBj6CCaT4vYqX9Ek7XaMtJSKnzeSA/W0tGhbY0ZKpSiEUqsTiMtIPII4qlrIo
cB+MV/GxWE7hlsvvHNZ0xYlW4sdJ6HpxV3u7t9lhWuheS9RoFponZ/W3ZWwM1Fp2
RM7g3LDNOMT/u23hEIV1vL06Q2AoD2McAH0j0BcFNyMd0sgll78duso9VE5pwBFm
wkZ2T7xrspx/z0tDxXple8Fv7/0J2uwq6/FGLZM7/FCXEsHVPnZ0at2qJ6Y7F/fa
Tru0hGDQiyWUpKUxY48UMuJQkVa60vXiPkn3ABEBAAAG0IFN0ZXBoZW4gSHVYCA8
c2hlcmRARNJlZUJTRC5vcmc+iQE9BBMBcGAnBQJTL9JAAhsDBQkFo5qABQsJCAcD
BRUKCQgLBRYDAgEAAh4BAheAAAOJEL01obSYzLzQET8IAJKzLzehv3w+nQcdpWME
V4930mItWZ1dIeUmuNSE8QokX2ZSvM4PybF6l9IwZNRytulr8LjcZ6+5+bv6YXne
E6TQqKYRjrmBg9tbTlQeo1KsJ5s273vC7R+tKSesTlplFbLwXv1wEGUHDDGSA7LM
jJPvZCY5pcjNWuC2HV9xpRJTIIidzjIwzduLrL8qJ3kQeIO3osRMFh/BfY7Fr6Cf
LiavTbB9MThS9NKENL0LPm4ffF8faz27+q9qo5vMxmsn8IJXlpgdJB6J7v4gimBi
dJVSADPZugklDNE+7v2RlDmnMIYF/QGZRC/oTdaax94CXudjXB2VoiM6U0w3Z+xc
6NK5AQ0EU5f5QAEIAJfxLU3HHtSXfzMs7N23auoi5n3sAiXqWtWoMGLRp3TQXnBt
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Wlujjkjs3YKlXmV67P4wgX4l+kSdVEVm7rExiXD1107/80PYTNS6/8ntPSvLebX
CQPKVRm5Ca0gBaNnf3jkWgNTj1DD4XeIoz09rD8tTa5rkccPHZdCv7pJ59JpT8aW
egbP8SyBz0JuoYKL7ozpr6PMz28wF/4p+wmLi/coo8h/Jkdbdf3p+wOKmnWxyRPAs
s0N00si9YwbZ32f83w3xcHowUxy0wE9q7G80t1cAEQEAAyKBjQYQAQoADwUCU5fS
QAIBDAUJBa0agAAKRCZtAG0mM5c0CEtB/4wVx5hPwxBYQPD8z5zQl2refJsVQnX
bDh+Ejs78XJ0isaqP5tyCE4GT0Ki+zYIhIIxB2p+1SsvS7LNS5WBfp3VLMnd8We
5VwfrQSSgrs5RXffpP+7n4hD9t1y0lj3Q3kFqjjeerRiSjFi4N/YT2954z8VJkot
v2e6i96FclmHi0zDIxb/Yc6+egKEQ0ugh0Po4V9FitDc5Z42wXPT4GfP2ozyW7Xj
3kWSU0VZCnje56iBVHm18L+3DVknxjbrhNJrcScTWyuqcWK/FrNBZtAK1nPlZnHb
CUFyb4Ufq13Kc5pJ6zPqHZ/Kor50FmLu6L+9S9VwIkCgLYAJLwisUo5W
=EU5+
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.173. Davide Italiano <[davide@FreeBSD.org](mailto:davide@FreeBSD.org)>

```
pub 2048R/4CB47484 2012-01-17
    Key fingerprint = B5C9 77F5 1E67 D110 8D19 7587 EB95 EA82 4CB4 7484
uid                               Davide Italiano <davide@FreeBSD.org>
sub 2048R/91F7443D 2012-01-17
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQENBE8WAbIBCADhyLJPj/E3+cPj2CH/960KzQ1sjdiyzgQVeLinmztCCK+McsEf
qOwyc5iZfZC0MPJUr7y/3E71HKPC+rTMk0QBHsCL4UwcbJB+3AsA5Ii5WsZKFfQn
85q8kT9m99MFfn8oqZWuzMFkU8zAOEB56+em0xrAI67SyrCPHV51oWd4Rj45YSUKr
```

```

em7JmyrYEcTRg7rMkPYJyuiWkDR3nAaJw2lScobg+JaHN757QZTtspS6x277Nx8c
CU7pYauCI/CNDEPUcLAMBH561396IajWvTKirtL7jYZWw0FYpamof2sBCq672Uzb
XJXufe4Urg4vKor9giG7Y1ki49XCLmplwnVABEBAAg0JERhdmkLZSBJdGFsaWfu
byA8ZGF2aWRLQEZYzWVCU0Qub3JnPokB0AQTAQIAIgUCTxYBsgIbAwYLCQgHAWIG
FQgCCQoLBbYCAwECHgECF4AAcGkQ65Xqgky0dITCvfw/feerE+d+AGvbecD7lQyk
d/LJs2bshZz+CnsCsbF/mArpbPMJTLgYCMZmEKKSR//nEo0cFyi0B6RR5QzQsouL
uadHPuwxpuw/7ECdS9qhQEU207uoWdgh6kJSR37cbRmmu0zNp0pMYv2TKrHabQz
432iuF8I8pu0c9++sYLrLFBXfs80TTU7S2+qAfTRqgqAz5IdWZM7F4w+CbbJGfqj
ePWoXCB7+6MhYby+5JXkpCEpdyGML8WZELpB2W91k3zBmkE5bZG2r3Z99hMc/dN
+nJxI94zYN13HtD+Yoeaj2/RJh9zmTWf/pUT58tb63EOLlr0fiw6NJ6x8PVM9v7
JrkBDQRPFGyAQgAvKmBYKFSJur0CiXeY6m3CW0JTS8mK1FYjKp+QckbnRomG2Vf
olXjcjlTLkLcQ46vff2uI8MDNviE5rGYWSJxwYjAbY3QJR36pbdI+ulYEJqnFNii
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UFnisiZ6gsIXk9rbxd4JH0i0xUop8xSxderHEKxe2FQvN8S+HzxrH8lucoIvH1Fp
red8KUSj0LD109LFFSAbJ6lA8ytAJ01KP+4svBk/J6bEMwmNXITVtmW+dyTSmS7z
yn0MrE7AG6s80pdWX2lAkYLL4yosGLi0FjDw9QARAQABiQEfBBgBAJJBQJPFGy
AhsMAAoJE0uV6oJmHSEJhQIAI6NAWdB4IRBoDfEuo3myxdTn+hKtUDk8jgsmfV9
6yphv3BDwvQDIoAPjxMewp0UIH0yEyIduPdZ6Gs9VcDfQWxyPlkGxt0GbKJmHzK
glmLF5VZbuGKsZDhv0JtWbi17N0t7uiXY9sW9efqDxgvNSXrXhtDPNzePuo2wLg
LZcw5VLcg+JftFb70A72Brcirlzj6EyMgtdo5P2Z2iW/MgWiaKb98hi8tnycIDiu
tyawSxvl7k/AfQ5hHjwz4zKf+2bQ9cf8ou7wsJ6pOT35AKP9/CeIOslj6cqXE3dL
MjKE+ZKSBG1d7NkQSQk9MEDk6PdAtigwAgwdYpPhX8Sl2es=
=pP7Y
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.174. Jordan K. Hubbard <jkh@FreeBSD.org>

```

pub 1024R/8E542D5D 1996-04-04 Jordan K. Hubbard <jkh@FreeBSD.org>
Key fingerprint = 3C F2 27 7E 4A 6C 09 0A 4B C9 47 CD 4F 4D 0B 20

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

mQCNAzFjX0IAAAEEAAML+nm9/kDNpp43ZUZGjYkm2QLtoC1Wxr8JuLZXqk7qmhYcQ
jvX+fyoriJ6/7ZlnLe2oG5j9tZ0nRLPvMaz0g9CpW6Dz3nkXrNPkm0FV9B8D94Mk
tyFeRJFqnCuqBj6D+H8FtBwEeeTecSh2tJ0bZZTXnAMhxe0dvUVW/u0VC1dAAUR
tCNk3JkYw4gSy4gSHViYmFyZCA8amtoQEZYzWVCU0Qub3JnPokB0AQTAQIAIgUCTxYBsgIbAwYLCQgHAWIG
FQgCCQoLBbYCAwECHgECF4AAcGkQ65Xqgky0dITCvfw/feerE+d+AGvbecD7lQyk
d/LJs2bshZz+CnsCsbF/mArpbPMJTLgYCMZmEKKSR//nEo0cFyi0B6RR5QzQsouL
uadHPuwxpuw/7ECdS9qhQEU207uoWdgh6kJSR37cbRmmu0zNp0pMYv2TKrHabQz
432iuF8I8pu0c9++sYLrLFBXfs80TTU7S2+qAfTRqgqAz5IdWZM7F4w+CbbJGfqj
ePWoXCB7+6MhYby+5JXkpCEpdyGML8WZELpB2W91k3zBmkE5bZG2r3Z99hMc/dN
+nJxI94zYN13HtD+Yoeaj2/RJh9zmTWf/pUT58tb63EOLlr0fiw6NJ6x8PVM9v7
JrkBDQRPFGyAQgAvKmBYKFSJur0CiXeY6m3CW0JTS8mK1FYjKp+QckbnRomG2Vf
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jFWv9wvbbddNc/L34Pa9o5P/NUf733r+V4gvyqb/Rh5dWQGH8IJCGnZZZYK8YnRiq
UFnisiZ6gsIXk9rbxd4JH0i0xUop8xSxderHEKxe2FQvN8S+HzxrH8lucoIvH1Fp
red8KUSj0LD109LFFSAbJ6lA8ytAJ01KP+4svBk/J6bEMwmNXITVtmW+dyTSmS7z
yn0MrE7AG6s80pdWX2lAkYLL4yosGLi0FjDw9QARAQABiQEfBBgBAJJBQJPFGy
AhsMAAoJE0uV6oJmHSEJhQIAI6NAWdB4IRBoDfEuo3myxdTn+hKtUDk8jgsmfV9
6yphv3BDwvQDIoAPjxMewp0UIH0yEyIduPdZ6Gs9VcDfQWxyPlkGxt0GbKJmHzK
glmLF5VZbuGKsZDhv0JtWbi17N0t7uiXY9sW9efqDxgvNSXrXhtDPNzePuo2wLg
LZcw5VLcg+JftFb70A72Brcirlzj6EyMgtdo5P2Z2iW/MgWiaKb98hi8tnycIDiu
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=ZyVN
-----END PGP PUBLIC KEY BLOCK-----

```

**3.175. Konrad Jankowski** <versus@FreeBSD.org>

```
pub 1024D/A01C218A 2008-10-28
    Key fingerprint = A805 21DC 859F E941 D2EA 9986 2264 8E5D A01C 218A
uid                               Konrad Jankowski <versus@freebsd.org>
sub 2048g/56AE1959 2008-10-28
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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mQGiBEkHYgARBACdbmFESh/3csPP37dJBDTkAfWcUck6myVTYU3dFgwDPA0iCs9
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p3Dg3/Zhf1raBKMg4F0x0pbQm9+frin44SlNlLQK5M2224X786/VTlVv/wCg3YFE
CufRZUsIPZndUVGh+/seBbMD/2fhNQhrewXf9QFCMohC/pGSfg1sddpWMqh6R0bF
aSXfJwYivDLcTp4JYPpZilScBFgSxsflKboRBElj+k7cj2e8nK4xzfoX+xsGrRDM
t8uPqISnw8bvRGS3bZnuTt3NqHpXeiLlaEEEEEMk7tKuGwlwf/KmA4BYq+eWDM7Hz
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dxzKxz7hPQ2CamU9DlpnoCeZQ8mttyqnipsnMVniI3A79xSjCP2dNkVWvime5uWw
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-----END PGP PUBLIC KEY BLOCK-----
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**3.176. Kurt Jaeger** <pi@FreeBSD.org>

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pub 4096R/2A4392E050E8798D 2014-04-24 [expires: 2016-04-23]
    Key fingerprint = FD38 1F8F 1360 2A49 26D4 4CF3 2A43 92E0 50E8 798D
uid                               Kurt Jaeger <pi@FreeBSD.org>
sub 4096R/2FC3A793B283D724 2014-04-24 [expires: 2016-04-23]
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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.177. Weongyo Jeong <weongyo@FreeBSD.org>

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pub    1024D/22354D7A 2007-12-28
       Key fingerprint = 138E 7115 A86F AA40 B509 5883 B387 DCE9 2235 4D7A
uid          Weongyo Jeong <weongyo.jeong@gmail.com>
uid          Weongyo Jeong <weongyo@freebsd.org>
sub    2048g/9AE6DAEE 2007-12-28

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### 3.178. Peter Jeremy <peterj@FreeBSD.org>

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pub      4096R/1D9214A2699F8CB2 2014-03-11 [expires: 2018-03-05]
         Key fingerprint = D8CE A5F2 F7C8 78E0 0297 8B94 1D92 14A2 699F 8CB2
uid      Peter Jeremy (preferred) <peter@rulingia.com>
uid      Peter Jeremy <peter.jeremy@auug.org.au>
uid      Peter Jeremy <peterj@freebsd.org>
uid      Peter Jeremy <peterjeremy@acm.org>
uid      [jpeg image of size 4183]
sub      4096R/E0E07EC247C92CA8 2014-03-11 [expires: 2018-03-05]
sub      4096R/16A597A0E4A20B34 2014-03-12 [expires: 2018-03-05]

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.179. Tatuya JINMEI <[jinmei@FreeBSD.org](mailto:jinmei@FreeBSD.org)>

```
pub 1024D/ABA82228 2002-08-15
    Key fingerprint = BB70 3050 EE39 BE00 48BB A5F3 5892 F203 ABA8 2228
uid JINMEI Tatuya <jinmei@FreeBSD.org>
uid JINMEI Tatuya <jinmei@jinmei.org>
uid JINMEI Tatuya (the KAME project) <jinmei@isl.rdc.toshiba.co.jp>
sub 1024g/8B43CF66 2002-08-15
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.180. Michael Johnson <[ahze@FreeBSD.org](mailto:ahze@FreeBSD.org)>

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pub 1024D/3C046FD6 2004-10-29 Michael Johnson (FreeBSD key) <ahze@FreeBSD.org>
    Key fingerprint = 363C 6ABA ED24 C23B 5F0C 3AB4 9F8B AA7D 3C04 6FD6
uid Michael Johnson (pgp key) <ahze@ahze.net>
sub 2048g/FA334AE3 2004-10-29
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### 3.181. Mark Johnston <markj@FreeBSD.org>

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pub  rsa4096/D5F19F287539B0D9 2015-06-27 [expires: 2020-06-25]
      Key fingerprint = B35E AF99 18C4 36C8 1746 A8EB D5F1 9F28 7539 B0D9
uid                               Mark Johnston <markj@FreeBSD.org>
sub  rsa4096/A41F65E8198861C5 2015-06-27 [expires: 2020-06-25]

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### 3.182. Trevor Johnson <trevor@FreeBSD.org>

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pub 1024D/3A3EA137 2000-04-20 Trevor Johnson <trevor@ppj.net>
    Key fingerprint = 7ED1 5A92 76C1 FFCB E5E3 A998 F037 5A0B 3A3E A137
sub 1024g/46C24F1E 2000-04-20

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Comment: For info see http://www.gnupg.org

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### 3.183. Eric Joyner <erj@FreeBSD.org>

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    Key fingerprint = C5FA EC74 96D2 C61B C548 FA37 96F0 C6FD 61E0 5DE3
uid  Eric Joyner <eric.joyner@intel.com>
uid  Eric Joyner <erj@freebsd.org>
uid  Eric Joyner <ricera10@gmail.com>
uid  Eric Joyner <erj@erj.cc>
uid  [jpeg image of size 5419]
sub  rsa4096/D2427EB089BCF21B 2015-01-28 [expires: 2018-01-27]

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### 3.184. Allan Jude <[allanjude@FreeBSD.org](mailto:allanjude@FreeBSD.org)>

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### 3.185. Tom Judge <tj@FreeBSD.org>

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pub 2048R/81E22216 2012-05-27 [expires: 2017-05-26]
    Key fingerprint = 8EF8 36C8 44A6 9576 6ADB EB0E 4252 33DC 81E2 2216
uid Tom Judge <tom@tomjudge.com>
uid Tom Judge <tjudge@sourcefire.com>
uid Tom Judge <tj@freebsd.org>
sub 2048R/2CA4AA0D 2012-05-27 [expires: 2017-05-26]

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### 3.186. Alexander Kabaev <kan@FreeBSD.org>

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pub   rsa4096/0713229992792E7E 2015-06-05 [expires: 2018-06-05]
      Key fingerprint = C5F7 D995 99B6 41E1 3C51 5691 0713 2299 9279 2E7E
uid   Alexander Kabaev <kan@freebsd.org>
uid   Alexander Kabaev <kan@fb.com>
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### 3.187. Benjamin Kaduk <[bjk@FreeBSD.org](mailto:bjk@FreeBSD.org)>

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**3.188. Poul-Henning Kamp** <phk@FreeBSD.org>

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pub      4096R/8E5F44BA68E689C5 2013-09-28 [expires: 2018-09-27]
         Key fingerprint = 4357 5923 B8E1 1D70 3C66 5540 8E5F 44BA 68E6 89C5
uid      Poul-Henning Kamp <phk@FreeBSD.org>
uid      Poul-Henning Kamp <phk@phk.freebsd.dk>
uid      Poul-Henning Kamp <phk@ing.dk>
uid      Poul-Henning Kamp <phk@varnish.org>
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### 3.189. Sergey Kandaurov <pluknet@FreeBSD.org>

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pub 2048R/10607419 2010-10-04
    Key fingerprint = 020B EC25 7E1F 8BC5 C42C 513B 3F4E 97BA 1060 7419
uid      Sergey Kandaurov (freebsd) <pluknet@freebsd.org>
uid      Sergey Kandaurov <pluknet@gmail.com>
sub 2048R/5711F73B 2010-10-04
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### 3.190. Coleman Kane <cokane@FreeBSD.org>

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pub      1024D/C5DAB797 2007-07-22
          Key fingerprint = FC09 F326 4318 E714 DE45 6CB0 70C4 B141 C5DA B797
uid      Coleman Kane (Personal PGP Key) <cokane@cokane.org>
uid      Coleman Kane (Personal PGP Key) <cokane@FreeBSD.org>
sub      2048g/5C680129 2007-07-22

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### 3.191. Mike Karels <karels@FreeBSD.org>

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pub  rsa2048/8CCF69ECC5CF284F 2016-06-16 [SC] [expires: 2019-06-16]
      Key fingerprint = EAB9 5249 B48A A991 130D 6746 8CCF 69EC C5CF 284F
uid      Michael Karels <karels@freebsd.org>
sub  rsa2048/B4CE5C0549FFC668 2016-06-16 [E] [expires: 2019-06-16]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.192. Takenori KATO <kato@FreeBSD.org>

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pub  4096R/3CF9ACE7 2012-10-02
      Key fingerprint = 5B72 AEF9 B2F9 069D 54FE CF60 444F 91C8 3CF9 ACE7
uid      KATO Takenori <kato@FreeBSD.org>
uid      KATO Takenori <kato@nendai.nagoya-u.ac.jp>
sub  4096R/1C593356 2012-10-02
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### 3.193. Josef Karthausser <joe@FreeBSD.org>

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pub 1024D/E6B15016 2000-10-19 Josef Karthausser <joe@FreeBSD.org>
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Key fingerprint = 7266 8EAF 82C2 D439 5642 AC26 5D52 1C8C E6B1 5016
uid                Josef Karthausser <joe@tao.org.uk>
uid                Josef Karthausser <joe@uk.FreeBSD.org>
uid                [revoked] Josef Karthausser <josef@bsd.i.com>
uid                [revoked] Josef Karthausser <joe@pavilion.net>
sub 2048g/1178B692 2000-10-19

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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pub 1024R/04FCCDD3 2004-02-19 Vinod Kashyap (gnupg key) <vkashyap@freebsd.org>  
Key fingerprint = 9B83 0B55 604F E491 B7D2 759D DF92 DAA0 04FC CDD3
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.195. Patrick Kelsey <pkelsey@FreeBSD.org>

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pub  2048R/044ADF500A4B194E 2014-05-30 [expires: 2017-05-29]
      Key fingerprint = 4082 2A15 231C 09EC D86E 63C2 044A DF50 0A4B 194E
uid      Patrick J Kelsey <pkelsey@freebsd.org>
uid      Patrick J Kelsey <kelsey@ieee.org>
sub  2048R/CB7433052A5B26E5 2014-05-30 [expires: 2017-05-29]
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### 3.196. Kris Kennaway <kris@FreeBSD.org>

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pub  1024D/68E840A5 2000-01-14 Kris Kennaway <kris@citusc.usc.edu>
      Key fingerprint = E65D 0E7D 7E16 B212 1BD6 39EE 5ABC B405 68E8 40A5
uid      Kris Kennaway <kris@FreeBSD.org>
uid      Kris Kennaway <kris@obsecurity.org>
sub  2048g/03A41C45 2000-01-14 [expires: 2006-01-14]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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pub 1024D/318603B6 2001-09-21
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uid      Giorgos Keramidas <keramida@FreeBSD.org>
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uid      Giorgos Keramidas <gkeramidas@gmail.com>
sub 1024g/50FDBAD1 2001-09-21
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330

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=PK2k
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.198. Max Khon <[fjoe@FreeBSD.org](mailto:fjoe@FreeBSD.org)>

```

pub      1024D/6B87E212 2009-02-17
          Key fingerprint = 124D EC6C 6365 D41A 497A  9C3E FCF3 8708 6B87 E212
uid           Max Khon <fjoe@FreeBSD.org>
uid           Max Khon <fjoe@samodelkin.net>
sub      2048g/CB71491D 2009-02-17

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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=3qdH
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.199. Manolis Kiagias <manolis@FreeBSD.org>

```

pub      1024D/6E0FB494 2006-08-22
          Key fingerprint = F820 5AAF 7112 2CDD 23D8 3BDF 67F3 311A 6E0F B494
uid       Manolis Kiagias <manolis@FreeBSD.org>
uid       Manolis Kiagias <sonicy@otenet.gr>
uid       Manolis Kiagias (A.K.A. sonic, sonicy, sonic2000gr) <sonic@diktia.
dyndns.org>
sub      2048g/EB94B411 2006-08-22

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.200. Jung-uk Kim <jkim@FreeBSD.org>

```

pub      2048R/FCDBF146 2013-09-24 [expires: 2023-12-31]
          Key fingerprint = 9756 EA80 A691 CAA7 D65E EFC2 7C9F 9626 FCDB F146

```

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uid      Jung-uk Kim <jkim@FreeBSD.org>
sub      2048R/501598FB 2013-09-24 [expires: 2023-12-31]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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=apmV
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.201. Zack Kirsch <zack@FreeBSD.org>

```
pub      1024D/1A725562 2010-11-05 Zack Kirsch <zack@freebsd.org>
         Key fingerprint = A8CC AA5E FB47 A386 E757 A2B8 BDD2 0684 1A72 5562
sub      1024g/6BFE2C06 2010-11-05
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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**3.202. Jakub Klama** <jceel@FreeBSD.org>

```
pub 2048R/2AAEA67D 2011-09-27
    Key fingerprint = 40D6 097A 174F 511B 80EB F3A3 0946 4193 2AAE A67D
uid                                     Jakub Klama <jceel@FreeBSD.org>
sub 2048R/5291BC4D 2011-09-27
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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Y2VlbEBGcmVlQlNELm9yZz6JATgEEwECACIFak6BwQkCGwMGcwkIBwMCBhUIAgkK
CwQWAgMBAh4BAheAAAOJEA1GQZMqrqZ9C9wH+gJzw7uypz5VwJRN3buK4n46v8qU
YFQrWwGzV00R5QMrFcN6x7FzZupLFx3B0ih1ak3UPVyJ3fcmC0RAHU1QkCnwCBnm
IUNRGpWC2Wvd0hiBcBXpe6BRbshyeWkvqacLnSvc0WUZP58gmJnLZjCs5ke+se/T
gZgSTTUN7mMFCG7MA4EXcvtIX8VWXWVyXufXfDBQnQkuLtboetYE692063YUIslK
URw53loB9jonBkZ2LWPkN6Q0HF/34HrP/Bw4ZZnYZ/gzfFhoQdrRxCBAK7R2TrJ2
kF2FSUtsCHJWgLq0cYygf4pCz7oYTt9x5IuubH4SDAjV65JgMic2RKkehE25AQ0E
ToHBCQEIAMopCcGmuQPYBVgEcllbEtwG87mJJzpTNBLoaE7JCUK7KSI+9qE5o5Tu
jgFF39mu3Gr1kecsmtNNfCNw+ja9MtTatcnsMwMhZ5uNFUG3y2+KotplDEWTAZcM
9TnX9IrnYlQvyLVJT5LI4qEcsAYHrLyJMrCu7c53M+RVigvimniKvW0yBZECxqYv
nq/b0BSJovmtdXn03wHLgz3dDcMn0AgGNsMpBztoRjic5ssSCEfnCMLXvjmoa6Ji
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Qlrv2S4coikPCbasdxi4INbQbtDP44Hr6LNCRXB4VCeDb0A0W5H4h04y1kWxbdTn
XlpTXBPgj5kFe9lFQK9arHDGJsJaKtDETLtmH/iI9xc51ZM5aeB4i963KixnPFy
KFHjjAynTZSImd8JXyul+kWpSSP5dckvW4G97PPoqbz4lsDUsgjf5Lg1lhThjldZ
Jwm8yXz0fQ0RkR+wLEj1fsF5itmP+sG0YipncjFXGf/0ToggRucsS1DWBV7L9wBo
HeAGT9bpY64DAhB5SLQBDphtBChit4TJqkWVs/4
=Rt4u
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

**3.203. Andreas Klemm** <andreas@FreeBSD.org>

```
pub 1024D/6C6F6CBA 2001-01-06 Andreas Klemm <andreas.klemm@eu.didata.com>
    Key fingerprint = F028 D51A 0D42 DD67 4109 19A3 777A 3E94 6C6F 6CBA
uid                                     Andreas Klemm <andreas@klemm.gtn.com>
uid                                     Andreas Klemm <andreas@FreeBSD.org>
uid                                     Andreas Klemm <andreas@apsfilter.org>
sub 2048g/FE23F866 2001-01-06
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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mQGiBDpXnNsRBACosqQnFwHgBcl+H2TXLWG/uAAdcZ3d4vLC9tKIPif/Wovf0TuA
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Zq7VDPfENAM8NuYCXIdVYpd860tIfongUbpqHq9dA/bgoDDHXlaBQzUMNwCgurYO
XH1FSx7vApyBFqaE9ZKglRED/jbd0UeQ8E2Y8jvoHgn9kDGjqqTxNerLK2g7gRgx
o0U2do7kjKKWoUfij/x3RRpGUDzkB9xhibyoPQKuVim4NVNdoUoqjuSDnoDT+XtL
B8bYGXAAAROPXu1AT1r/P5k3kSHDEXu1qfLEk9Sch7CKrVdNaZHSrknbmFPPmhdsf
zz17A/oCfA5tXthQ4Y0lmyjJXiMmiD/aX1fQovjayQDD/diNYQ/z3JUuaA01Nhw4
02LDFCk0x02T8wWIC80x9J7twKKBT9Ep1MpZw/mY7XlpTFP82ls15pNIshogjlX8
23aBC+xrRda6SqTAnqsneyxGuJskS4sNubUWaqf0UufcxZpA770LQW5kcmVhcyBL
bGVtbSA8Yw5kcmVhcy0BrbGVtbS5ndG4uY29tPohXBBMRAgAXBQI6V5zbBQsHCgME
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```

```
ZWVCU0Qub3JnPOhXBBMRAgAXBQI6V51BBQsHCgMEAxUDAgMWAgeCF4AACGkQd3o+
lGxvblPvuAcEJLc2HBP42h8lVDWTzW3qstGXUAn3yIgz/FK7+//Ax2ce0115u9
T76ptCVBbmRyZWfZIEtsZW1tIDxhbmRyZWfzQGfWc2ZpbHRlci5vcmc+iFcEEExEC
ABcFAjpXnVgFCwcKAwQDFQMCAXYCAQIXgAAKCRB3ej6UbG9suq2VAJ9TDD3a6fsP
E79VBmop25fpGRsmAACgob0H43x4KJJxNSFM+s0Y2QCv+rS0K0FuZHZJLYXMGs2x1
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uCFgvh9c3E0326RtkgsQKM4p0C6LFZRAedjo6LZzm9K2JZK2Xv8fsLZIW9dSEtqG
ch32Uu9AfThrFnZ6cApeRnxWZe3btBXbgxK2w3jT16j+CtIbeJGwdf8NN7IZ4+4v
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7A==
=E/l3
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.204. Johann Kois <[jkois@FreeBSD.org](mailto:jkois@FreeBSD.org)>

```
pub 1024D/DD61C2D8 2004-06-27 Johann Kois <J.Kois@web.de>
    Key fingerprint = 8B70 03DB 3C45 E71D 0ED4 4825 FEB0 EBEF DD61 C2D8
uid      Johann Kois <jkois@freebsd.org>
sub 1024g/568307CB 2004-06-27
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGibEDetekRBAD7mBgP351FCNnqp3600Uy+ZKCr2IxUU/Tyffqyrrgiol16kTE0
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LQa+3FnIp0btyU9vermk7GqWJqvVUTnMSjinqW50MfggrcuEXjXTQ1b3b6wCgutKz
BhEasg38JthFvIownezYwHcEALNJsxEns fEMm+DQXPUvWTiScu2QR2v0BVVzfglw
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zXhq9SD20gz8qPCwG3a4Srhbh3rgjPvzzqcjSE/axk5+LwJ2KHyslpfwu4wTtddf
o6JzlJYwtQE+bcp65vnd6L5DGJsm1KmRT0ZOL6wWxTXft4lgxfg1MEbz0KcL5YnU
BwADBQP9FCpFDZYwAsZya5h3aAd9yg6dvDsObs1D1MMIiygr54/cmGUiPcI6zaga
hTfdiDGanlBklidFVKh0A6ZEza55NA45lJ02W9amWvrjG+PB8wTX4IWRAMDN4ql4
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=VCND
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.205. Sergei Kolobov <[sergei@FreeBSD.org](mailto:sergei@FreeBSD.org)>

```
pub 1024D/3BA53401 2003-10-10 Sergei Kolobov <sergei@FreeBSD.org>
    Key fingerprint = A2F4 5F34 0586 CC9C 493A 347C 14EC 6E69 3BA5 3401
uid      Sergei Kolobov <sergei@kolobov.com>
```



```
sub 2048g/F8243671 2003-10-10
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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mQGIBD+GP80RBACjmIRFKqJ337z0jW51eExucWRny0pu5fuGaxuJmGSbKaJRA0RU
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o0yfP7WUm3U9uriJEJ8141YqL5IR0e8isQa+YsYbkD2RmDdCMDdC3W0Q9wCgsquv
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ASfi7IGhZazGCctqZi4hbWQCB/+ipEVGct+bD9BpW9yS/JiMAXcwE0ubAAMFB/9F
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DVzPHq55LInS2MKC8WKHXgXFCB2uoZvlGu88I2JjucoeibtC7zbKmV0ntuY55zTk
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1WiPxk9wFY0ccemUVmdcX4hhC0yyBB0px4qbEBY3+mtHpFVh/r24GXvWxkbLowGd
nmKeigX/tlRyYgPHLM2goUHUye0erbKp2fyeQhockLOWY0DBFcFRK2kSx9HYdtcI
N45tvtkBza208C7uCtwgiEKGBECAAKFAj+GQA4CGwWACGkQF0xuaTulNAGwbwCe
P3RXUuqmNGYCM0IXPlop9XLZicQAn1B9zRfHFJm7tgMI0A6Avybs7V8i
=EDjf
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.206. Maxim Konovalov <maxim@FreeBSD.org>

```
pub 1024D/2C172083 2002-05-21 Maxim Konovalov <maxim@FreeBSD.org>
Key fingerprint = 6550 6C02 EFC2 50F1 B7A3 D694 ECF0 E90B 2C17 2083
uid Maxim Konovalov <maxim@macomnet.ru>
sub 1024g/F305DDCA 2002-05-21
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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mQGIBDzqHSERBACUPYN18/fnXdsI3CsH/UgX7CL1yLSgTCTbEA7p/jPA78svM0Kt
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mYtNCRk3YTbLaHoeKKSRvVYvFi4HYQZWG3hcXaozhZRVQTnGnDdQYriSVwCg24Pl
UzXu1n8lw+4zDLw3eGIkxEMD/RpnH5n8maX05MYRvuBpGGTF7x3iV0somnLhQ1Th
1WD/70hRRzrRpXarG80byxyPx52et6tGV9IjSd0+uuVgtUFRKsr6QYk/y49blnt
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sIQzBACKTwIrcF0trhi2dibKM0Wqy8RYP5iKelvXy5SCdcU7HxicHGzI0oRdlCHT
jh0pik8YW124d18UdHDhVWHxbF/QCBBw+RAYiNASzzdsiIswo9Zvras/NZbnagHB
tP80kBhLVC4udm07GKYxKjpgsuqihaFJdcpox8J6mv2sTxK1rQjTWF4aW0gS29u
b3ZhbG92IDxtYXhpbUBtYWNvbW5ldC5ydT6IwQQTQEQIAGQUCP0odIQLBwMCAxUC
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GuZjWxa9p79bId9reWXCeHFrGjwAZDLMDJvowAu+awADBGP+0sRhHT1r+PeD2tWA
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=WB9
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.207. Taras Korenko <taras@FreeBSD.org>

```
pub 1024D/8ACCC68B 2010-03-30
Key fingerprint = 5128 2A8B 9BC1 A664 21E0 1E61 D838 54D3 8ACC C68B
uid Taras Korenko <taras@freebsd.org>
uid Taras Korenko <ds@ukrhub.net>
uid Taras Korenko <tarasishche@gmail.com>
sub 2048g/8D7CC0FA 2010-03-30 [expires: 2015-03-29]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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qsCPB6tRZTC4S5V51D6YUy6dJ5oE9HB4htczwalQ0CkVoJm2qZ9bG1A0U1JRpPch
Q9rK9ZuDrZfDFxUvpVSPfAx74esmsIDsJsCrSeFANpSNYVxkf78YZH9ZkNu1yP
ra3kA/41p05rHBR0KKLB8qVnKisApiYK7WX87yroizXQKMzVXWn/t9NMkWTatmJC
Yc7IARco/MoW10D6FB1Xy+oUJcstBcVsbPbERd4j5Q5LBHD807EBMHNP8HsNh+2
q8QuGnyEQVcY5Fjv50krIj8A0EDt9820w/bt78KL026Jzqmg77QdVGFyYXMGs29y
ZW5rbyA8ZHNAWtYHViLm5ldD6IYgQTEQIAIgiBawYLCQgHAWIGFQgCCQoLBBYC
AwECHgECF4AFakwjCEACgkQ2DhU04rMxoufQwCaAsi0A/6LMNrT5UsXoPnL/WZQ
M74AoNLInd8Jk/uJinoIjz0QDJs7+wQfiGgEEExECACgFAkuyDPQCGwMFCQlMAYAG
CwkIBwMCBhUIAgkKCwQWAgMBAh4BAheAAAOJENg4VN0KzMaL0QkAoJ1hd9N1zvKL
ug2Nn6GmYkLM6wAUAJ4vTyU1ST3Xq9Rt72F4iq/Tmb9HiLQlVGfYXMGs29yZW5r
byA8dGFyYXNpc2hjaGVAZ21haWwUy29tPohiBBMRAGAiAhsDBgsJCAcDAGYVCAIJ
CgsEFgIDAQIeAQIXgAUCS7WyBQAKCRDY0FTTiszGi7F4AJ9++/0IN037orBkdKbQ
LvGVAj06ZgCg0b6qRxhDz8P0Nj1P9ZgmfLZa2He0HlRhcmFzIEtvcMvua28gPGRz
QHVRci1jb20ubmV0PohjBDARAgAJBQJLtcNSAh0AAAOJENg4VN0KzMaLReWAOJy7
QuyfXZ4kk2AXY27dgdGi9W/HAKCYEbgwje7vSQNP8AKJQ3Bxg8d4yIhJBDARAgAJ
BQJLtdgdqAh0AAAOJENg4VN0KzMaL5zkAniFyFwkqpbjsbi62NX4QE9nfqbwNAKct
Mj8TW9/cPWFUfXbRA7MEusx+h4hiBBMRAGAiBQJLtcLvAhsDBgsJCAcDAGYVCAIJ
CgsEFgIDAQIeAQIXgAAKCRDY0FTTiszGi+U+AJ9cYLWPHrsh24iCVlopHKfLDlaI
4wCdG3zN13yfxr4d2Wu0RGc0Wh0lwIqIYgQTEQIAIgiBawYLCQgHAWIGFQgCCQoLBBYC
AwECHgECF4AFakwjCEFCGQEACgkQ2DhU04rMxovdVgCFSRNVxs+9vDTZT9h90xDfEZLlrkoA
```

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njBF2lvR+2aLQ0YiJNxxk917ESKuQINBEuyDPQCADACvXGQJxNsMPvXwnE9VEm
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L6Q13VhwQA2EP4wRRdIoNYL9dIUQJu+8ZpH6YaV54qiSoUEGR/h0Bt7/GP+p7wGX
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ckbn0eMsPKIEr/1XAaCSbPuJknyvMQPwhM/ziQFAZwDYpY0h2Dy50p2Y9tR5DBQv
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bfvD4XJWYp34rcWZcn43YHb9audmMTl0BfQU2HRw8kF7S5IDSqqxU3CcTGQ3zn8x
Z7PdN6IHATkLFXNx6DKyVGyYE2FNz1ne/0ZSn/rIa+uwvWzLzp6FEtMzd2Y27hzL
JPaa07kX4L/h28gLUrBaPwTcTbNoRYP+/FniNbZq4AfnW8EuyPHI3Xz0I9tGVe
NkhSfmgVGMHwj4iA17mZarSjCKiE8EGBECAA8FAkuyDPQCgwwFCQlmaYAAcGkQ
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EsKTn7/B
=meSB
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.208. Joseph Koshy <jkoshy@FreeBSD.org>

```
pub 1024D/D93798B6 2001-12-21 Joseph Koshy (FreeBSD) <jkoshy@freebsd.org>
Key fingerprint = 0DE3 62F3 EF24 939F 62AA 2E3D ABB8 6ED3 D937 98B6
sub 1024g/43FD68E9 2001-12-21
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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mQGibDwi3FcRBADkiWSSJSOX38CIPgbUnnDQ8S79eZ0zQYnYn5aeRmi7w0B4SnQP
1DcFZ/EHNTQWJTCaQBWQZZWvL1ZjdK284YrpSKs7gfoV5BufcFqKatewWZUfsUad
FEKTXLXLZa55151UtyF9erkaA22VWHmqkauDFYL4Di0taUWCX1Gg8xCvB3wCg0sbC
/VtAneU2XbxUp5pGmReNn50EAM4vLWfZk3T2woHN0VB0wEk0BM216zfJQGLFUFqT
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3Iy05K147YfWUhgkKcyw/Qwx8wCdaetG+qZCX4nY0EByezFe504uDkcck5BrqBX8
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m5yp0L31KYRPk0zK+iiDoTP0Dh4Zg8YZLsgWdTrC0ZQW2nWPnd3Zv+tLAmiWvjIV
x4XqtFXh4nhI2eM/PXhdN37R480KB0DmrVdH819/2+9upNv0/bQrSm9zZXBoIEtv
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CC+QVyyoTcb+x0mWForq6FxDf7+l/00TuEG7V0H4RgLaT2N33yoScEvxdB/Qo4w
KnT39F7LYjzbBvGIRgQYEQIABgUCPCLcYgAKCRCruG7T2TeYth30AKCzp2KXBqsa
N6w0Ym+thQ4DKNMasgCglJCipoxpnnvCsGiZJv9AgNQFDGM=
=a9D2
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.209. Wojciech A. Koszek <wkoszek@FreeBSD.org>

```
pub 1024D/C9F25145 2006-02-15
Key fingerprint = 6E56 C571 9D33 D23E 9A61 8E50 623C AD62 C9F2 5145
uid Wojciech A. Koszek <dunstan@FreeBSD.czest.pl>
uid Wojciech A. Koszek <wkoszek@FreeBSD.org>
sub 4096g/3BBD20A5 2006-02-15
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGibEPzLgCRBADVxGiWQYCSd/HJfQi958sIFwxgfaFLyKaD4u8yhdG6s7S0z6mR
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ntYgpIwNtitVVdunp/kBk/w36Ue5veNL2GtqbVRMgp//ebV3GBZtAr/QowCg+w6K
```

```

5vebaggZg2H4EcdAJ8N+5wcEAK4PGjLtf6KwWfH81TihtD91EAVIMjsZ06vzofK0
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EowE0UuIrdv52ubCHLUWcyYdrnIa/QAh9JpHJIGdIVlysJRujygcUUh1HK6zZYSa
8R0DA/4o0up4kfkwdm7FGbFy5arNR/Zbe51dsgkA4aPPn3MymIBR1Tb4z+M0uHya
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kHkQJNL215gd8wxCrTv00WfDWh00IHjiCFTA1JGukVh49wt1bYAzno0uz+Q0GfcIt
JllvKP5vrvjtL9LpXsWgoK096Ijr2t72ofuG+q702u0/E9G8oTNSzyi7t+KThxEB
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=sg8v
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.210. Alex Kozlov <ak@FreeBSD.org>

```

pub  2048R/0D1D29A0 2012-03-01 [expires: 2024-02-27]
      Key fingerprint = 7774 4FCF 6AC9 126B BD0E DBF3 5EBF 4968 0D1D 29A0
uid  Alex Kozlov <ak@freebsd.org>
sub  2048R/2DD82C65 2012-03-01 [expires: 2024-02-27]

```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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mQENBE9PQzABCADlsyzEaEjFoIM3Z0ob7pYdIDXZD9T1p1+4o3AMTlS1Bq4WWJb9
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jCRmuZhB+0QD26BC20VDiLQcXN7Y3iQ0kc/k4QUt0/bN8cTXghNnJEBWT7uFdPZv
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AgkKCQwQAgMBAh4BAheAAAOJEF6/SWgNHSMgIzgIANNwch8RoaAW2rnpwVdGyLjP
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GCxaJx+betmXKzImIihkgGhisvhTg+P9saDRiVV5CwQNPJnLJXUuraaxXoNmosVx
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```



```
tEJRfFkdKYa4+mEQze47LVJAYwTeojLKumswHctp+UiF/+Msk6Sutnkj0i/a23h/
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DAUJFo5qAAAKCRBev0loDR0poDDXB/dd0a8+TBg5aU0oVPQ+bDA60b7sRb0rmrn+
hB1mXpdMtI0kHnJxUUI6Rx3tlfD2XE9P89oFyDxi0KjLFLAs6Rj9fCzp3EijARzu
7EUL9+Guo9p4jA0iQ0e52XN+Qz+eYa3SLDj/A3Ql2hbp7jWka8xtM32oyC5nAL1Z
YRx+p9eVNT1UwwQkpiYG8VviSZZQBVoig9h1mLzkzDj6EmE0aI78L/MjTJV4Gvcy
tn0QaaYzTPIYUVbm269WNbuRaNbVdw3u0yhgV40KaWjTpx6Ngv7EMJ8+SK74udGk
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=iXGb
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.211. Svatopluk Kraus <[skra@FreeBSD.org](mailto:skra@FreeBSD.org)>

```
pub   rsa2048/B00691EEA480A803 2015-10-26 [expires: 2018-10-25]
      Key fingerprint = 04ED 6504 A0EF 9890 8CD3 86C2 B006 91EE A480 A803
uid    Svatopluk Kraus <skra@freebsd.org>
uid    Svatopluk Kraus <onwahe@gmail.com>
sub    rsa2048/A5545C0A04691FFC 2015-10-26 [expires: 2018-10-25]
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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D/aQTRRYU0N0EJ0FXMLXan7w+3IrBHixXDuGplIE9dM5J0EBJ5yrfSP0L9Z1NXHv
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OGD0shD8tvFkzRfeNUWJ/NVTcab3culdZrbH7/hdaiAqGqWg/GcAwP5dBeZxSxJi
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jgcMf0VVLzPBDWxqnIwtd7tdY4paqTw+LcyKeqmh+EE9eBZqZ5C5s0GwCw2b02P/
vyBTdDwVjPL57CLPzXycn72cgxFRgsqKBjnK3A1xeCy8CVju25LQkcVF7ls4n0bC
umntgIzrGHLjVEux/0o3g+atouKLzLiAaYfoi5BLugkGa2DxvkYwrBXwRXrce7Hu
QZVdkh74YlXPNwnEGSzkpBRlKtL68MkpkRa9q6M7bFpeIJNY1SiTviTfASJC/S+
wlvbab8zIMemwHXcaLAeyrjpbvdkrU7qyGeU4khFJlMz5ehIS3igU/Y54Wjo8eJB
/nVLYgGothGhWGneb04/Wg==
=L2Zf
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.212. Steven Kreuzer <[skreuzer@FreeBSD.org](mailto:skreuzer@FreeBSD.org)>

```
pub   rsa2048/F528158459D71EE7 2015-05-01 [expires: 2017-04-30]
      Key fingerprint = 1DB8 2B72 1C60 E59E 946A FF7F F528 1584 59D7 1EE7
uid    Steven Kreuzer <skreuzer@exit2shell.com>
```



```
uid          Steven Kreuzer <skreuzer@freebsd.org>
uid          Steven Kreuzer <steven@kreuzer.cx>
sub  rsa2048/540AD5219F26626F 2015-05-01
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

```
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gphxNQIItLQoU3RldmVuIEtyZXV6ZXIghPHNrcmVlemVyQGV4aXQyc2hlbGwUy29t
PokBPQQTaQgAJwIbAwULCQgHAgYVCAKCKwIEFgIDAQIEAQIXgAUCVU0AywUJA8Jn
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=XKVm
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-----END PGP PUBLIC KEY BLOCK-----

### 3.213. Gábor Kövesdán <[gabor@FreeBSD.org](mailto:gabor@FreeBSD.org)>

```
pub 1024D/2373A6B1 2006-12-05
Key fingerprint = A42A 10D6 834B BEC0 26F0 29B1 902D D04F 2373 A6B1
uid          Gabor Kovesdan <gabor@FreeBSD.org>
sub  2048g/92B0A104 2006-12-05
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.214. Ana Kukec <[anchie@FreeBSD.org](mailto:anchie@FreeBSD.org)>

```

pub      2048R/510D23BB 2010-04-18
          Key fingerprint = 0A9B 0ABB 0E1C B5A4 3408 398F 778A C3B4 510D 23BB
uid           Ana Kukec <anchie@FreeBSD.org>
sub      2048R/699E4DDA 2010-04-18

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.215. Roman Kurakin <[rik@FreeBSD.org](mailto:rik@FreeBSD.org)>

```
pub 1024D/C8550F4C 2005-12-16 [expires: 2008-12-15]
    Key fingerprint = 25BB 789A 6E07 E654 8E59 0FA9 42B1 937C C855 0F4C
uid      Roman Kurakin <rik@FreeBSD.org>
sub 2048g/D15F2AB6 2005-12-16 [expires: 2008-12-15]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

### 3.216. Hideyuki KURASHINA <[rushani@FreeBSD.org](mailto:rushani@FreeBSD.org)>

```
pub 1024D/439ADC57 2002-03-22 Hideyuki KURASHINA <rushani@bl.mmtr.or.jp>
    Key fingerprint = A052 6F98 6146 6FE3 91E2 DA6B F2FA 2088 439A DC57
uid      Hideyuki KURASHINA <rushani@FreeBSD.org>
uid      Hideyuki KURASHINA <rushani@jp.FreeBSD.org>
sub 1024g/64764D16 2002-03-22
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Version: GnuPG v1.2.1 (FreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.217. Jun Kuriyama <kuriyama@FreeBSD.org>

```
pub 1024D/FE3B59CD 1998-11-23 Jun Kuriyama <kuriyama@imgsrc.co.jp>
    Key fingerprint = 5219 55CE AC84 C296 3A3B B076 EE3C 4DBB FE3B 59CD
uid Jun Kuriyama <kuriyama@FreeBSD.org>
uid Jun Kuriyama <kuriyama@jp.FreeBSD.org>
sub 2048g/1CF20D27 1998-11-23
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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**3.218. Gleb Kurtsov <gleb@FreeBSD.org>**

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pub 2048R/C2A8382F0952092D 2013-11-02 [expires: 2016-11-01]
    Key fingerprint = D1F6 F20B BB68 06AD D051 4BD5 C2A8 382F 0952 092D
uid                               Gleb Kurtsov <gleb@FreeBSD.org>
uid                               Gleb Kurtsov <gleb.kurtsov@gmail.com>
sub 2048R/E628ECBAC4622293 2013-11-02 [expires: 2016-11-01]
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**3.219. René Ladan <rene@FreeBSD.org>**

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pub 4096R/ADBBF8610A3789B7 2012-11-18 [expires: 2016-12-26]
    Key fingerprint = 101A 716B 162B 00E5 5BED EA05 ADBB F861 0A37 89B7
uid                               René Ladan <rene@freebsd.org>
sub 4096R/CB77BE03B67184C6 2012-11-18
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### 3.220. Julien Laffaye <[jlaffaye@FreeBSD.org](mailto:jlaffaye@FreeBSD.org)>

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pub  2048R/6AEBE420 2011-06-06
      Key fingerprint = 031A B449 B383 5C3B B618 E2F4 BAD0 0F0E 6AEB E420
uid      Julien Laffaye <jlaffaye@FreeBSD.org>
sub  2048R/538B8D5B 2011-06-06

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-----END PGP PUBLIC KEY BLOCK-----

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**3.221. Clement Laforet** <clement@FreeBSD.org>

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pub 1024D/0723BA1D 2003-12-13 Clement Laforet (FreeBSD committer address) <clement@FreeBSD.org>
Key fingerprint = 3638 4B14 8463 A67B DC7E 641C B118 5F8F 0723 BA1D
uid Clement Laforet <sheepkiller@cultdeadsheep.org>
uid Clement Laforet <clement.laforet@cotds.org>
sub 2048g/23D57658 2003-12-13
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**3.222. Max Laier** <mlaier@FreeBSD.org>

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pub 1024D/3EB6046D 2004-02-09
Key fingerprint = 917E 7F25 E90F 77A4 F746 2E8D 5F2C 84A1 3EB6 046D
uid Max Laier <max@love2party.net>
uid Max Laier <max.laier@ira.uka.de>
uid Max Laier <mlaier@freebsd.org>
uid Max Laier <max.laier@tm.uka.de>
sub 4096g/EDD08B9B 2005-06-28
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Comment: GPGTools - <http://gpgtools.org>

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.224. Erwin Lansing <erwin@FreeBSD.org>

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### 3.225. Ganael Laplanche <[martymac@FreeBSD.org](mailto:martymac@FreeBSD.org)>

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B/ef2Z8FPHar9CuzJcxdBm15EHO6rzs3oqm/SLJk96c264OWmyf/wrRMPgqzAAMF

```
B/9Jl8AZa2llr5Mx0ZoJs+9bH4DsQspYWRJIzqFgrtML0QPIf9JNz+eA2LbgwLYc
wlzE9CWqxcsmkJSk4RtLBFzC3wmm4ZptxAzMP/TfzxSJyvpX3euj9UKhTJt8HKLI
Zfpi9xkYwYPalvsECajUzBIYB/LIDD/8AixfCPmwkMwvQ0p057euLTyQTmmJzutg
yEQwSelX0GynwxIW0x/c7WG/yIkEz0iy0xyki6H72cykGKjZCnAs6PFQHSMTGA
76DmQsglvUwrqpCjilrG9oNpMqTwSSuGBcnWE69aJaUc0Nubz86heLF0ZwT5CEW
J3RNkyQDlwgLlnGFzFMf/IDaiEYEGBECAAYFAj+Fk7QACgkQ0sRouByUAPC+NgCf
Wl3f9A7RglYuxkgxVKnWlXgWtigAmgKgQFhgdXlL2LIHUi27R3dYoDl0
=VNr
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.227. Frank J. Laszlo <laszlof@FreeBSD.org>

```
pub 4096R/012360EC 2006-11-06 [expires: 2011-11-05]
    Key fingerprint = 3D93 21DB B5CC 1339 E4B4 1BC4 AD50 C17C 0123 60EC
uid Frank J. Laszlo <laszlof@FreeBSD.org>
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQINBEVPgQYBEACvR8zsof8gLi7pF4331BIVluP61Z4ICzkG2lWLB0Gj1feCbBcA
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6xQT+LL+6yVWtL8XQpJs3u00PpY/dVjI98DaZucW/Lkh/+uxZm5ndExi4bFJ40rY
KfQCsbgAYP0j4HKDKcgNZu+MbC6nIuIuh/eK8ZIp5LsdKzJ2r46w0BHLUJlJoxH/
P4Ly5cXu5lUX2Mf8/HahPSY++5xIoSI1mpqruJyQZxhF4J56X1Bn0BnMmFt+uXF7
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BQJFT4EGAhsDBQkJZgGABGsjCAcDAGQVAggDBBYCAwECHgECF4AACGkQrVDBfAEj
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ebm518PDvbCaQvggYIPc8DvS5D03GSRLQ64a2bILY0P1UXPGn4X/0yoayiey06lD
HFA1gVCR0tgG1I0yLDWH+Klp4nAyRcqoYfF5kHWsvQ59N27gf90F0XEALjxCCEu
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QwmK2wZeVaZKReQLJ00QXq06dgd4iaIN7W8p6HZe3LYbnR5d8SWyPp2RQxES00F7
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=xm1s
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.228. Dru Lavigne <dru@FreeBSD.org>

```
pub 1024D/C6AA2E94 2013-01-22
    Key fingerprint = 6CC4 2180 F27C 29B6 5A9C EC0D A454 DC05 C6AA 2E94
uid Dru Lavigne <dru@freebsd.org>
sub 1024g/7FAC82EA 2013-01-22
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGibFD+vdwRBAD2rMN1ZfqBN9PCvrGHaatVwf0Rzhr6gSFFjxk5Z6HhnGsQS08r
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```

```
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hzzFHtnSLYG7CGkgQE6NS+bjTAxVWGK48SsUxS2RcxPAQmLqTEHTgoav43L/6gAY
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=LVUC
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.229. Sam Lawrance <[Lawrance@FreeBSD.org](mailto:Lawrance@FreeBSD.org)>

```
pub 1024D/32708C59 2003-08-14
Key fingerprint = 1056 2A02 5247 64D4 538D 6975 8851 7134 3270 8C59
uid JjCdyuX3NGaxCDFUNJYR6nt7Q93sAT85oAV9EPeFFEx7Ksd4C1iKLGlohGwleb5
uid Sam Lawrance <lawrance@FreeBSD.org>
uid Sam Lawrance <boris@brooknet.com.au>
sub 2048g/0F9CCF92 2003-08-14
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGiBD87mDQRBADpSK4q7J5JpjHMPdlp4ieo4jJR9V63tvptpB0Ak/nuhWnY3fpu
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=iBxM
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.230. Nate Lawson <[njl@FreeBSD.org](mailto:njl@FreeBSD.org)>

```
pub 1024D/60E5AC11 2007-02-07
Key fingerprint = 18E2 7E5A FD6A 199B B08B E9FB 73C8 DB67 60E5 AC11
uid Nate Lawson <nate@root.org>
sub 2048g/CDBC7E1B 2007-02-07
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```

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TgSdxSFUd3MaZmH3Kewg++9oqewNEYd0u/gmx7GiSKr3k0FLX+aK7UsVDjEr55Gi
XH5pqUce7y8bm03a/pa0Lq5WLvPnfUaplWeoCmmAXeYmRFYqbQbTmF0ZSBMYXdz
b24gPG5hdGVAcm9vdc5vcmc+iGAEEeECACAFaXKYeQCGwMGCwkIBwMCBBUCCAME
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=y01b
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.231. Jeremie Le Hen <jlh@FreeBSD.org>

```

pub 2048D/8BF6CF92 2012-04-18
    Key fingerprint = 66C9 B361 16CA BFF6 5C07 DA0A 28DE 3702 8BF6 CF92
uid                               Jeremie Le Hen <jeremie@le-hen.org>
uid                               Jeremie Le Hen <jeremie@lehen.org>
uid                               Jeremie Le Hen <ttz@chchile.org>
uid                               Jeremie Le Hen <jlh@FreeBSD.org>
sub 2048g/045479A3 2012-04-18

```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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```



```

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s5SBYvFCHYvSc4y7jr1/RacBb3GXKUGeyvvV+PD6WS3mDDiGvrrCL7ogRf5bIehV
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GwMGcWkIBwMcbhUIAgkKcWQWAgMBAh4BAheAAAJECjeNwKL9s+SILoA/0jztZsp
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3p0KnlfYV8GevRoQcLQgSmVyZwlpZSBMZSBIZW4gPgpsaEBGcmVlQlNELm9yZz6I
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=kKtL
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.232. Yen-Ming Lee <leeym@FreeBSD.org>

```

pub      1024D/93FA8BD6 2007-05-21
          Key fingerprint = DEC4 6E7F 69C0 4AC3 21ED EE65 6C0E 9257 93FA 8BD6
uid            Yen-Ming Lee <leeym@leeym.com>
sub      2048g/899A3931 2007-05-21

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGibEZQ5iYRBADg09p5ljHhIDwhH8i265BFEL1AyW3EPEOb0CyFerp3K4H7+IpG
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J/THLd42Fd4HTfxTC4tTa6UEAMPz7iASUbyJr7//0/Uu+05MBKX8wuNdRH2XPUWq
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```

```

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=Xi0T
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.233. Sam Leffler <sam@FreeBSD.org>

```

pub 1024D/B0147743 2005-03-28
    Key fingerprint = F618 F2FC 176B D201 D91C 67C6 2E33 A957 BD14 7743
uid Samuel J. Leffler <sam@freebsd.org>
sub 2048g/8BA91D05 2005-03-28

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQGiBEJHnP8RBACRTtM4Fb2oRITewfTLIKSa5Mk0m1A7PitdlqkjtAyFCi5V6uF/
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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.234. Jean-Yves Lefort <jylefort@FreeBSD.org>

```

pub 1024D/A3B8006A 2002-09-07
    Key fingerprint = CC99 D1B0 8E44 293D 32F7 D92E CB30 FB51 A3B8 006A
uid Jean-Yves Lefort <jylefort@FreeBSD.org>

```

```
uid      Jean-Yves Lefort <jylefort@brutele.be>
sub      4096g/C9271AFC 2002-09-07
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```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.235. Greg Lehey <grog@FreeBSD.org>

```
pub      1024D/22E6F290507A4223 2000-12-10
          Key fingerprint = 9A1B 8202 BCCE B846 F92F 09AC 22E6 F290 507A 4223
uid      Greg Lehey <grog@lemis.com>
sub      2048g/61D280F939E8DAFD 2000-12-10
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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### 3.236. Alexander Leidinger <[netchild@FreeBSD.org](mailto:netchild@FreeBSD.org)>

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### 3.237. Andrey V. Elsukov <ae@FreeBSD.org>

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pub      2048R/10C8A17A 2010-05-29
Key fingerprint = E659 1E1B 41DA 1516 F0C9 BC00 01C5 EA04 10C8 A17A
uid           Andrey V. Elsukov <ae@freebsd.org>
uid           Andrey V. Elsukov <bu7cher@yandex.ru>
sub      2048R/0F6D64C5 2010-05-29

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### 3.238. Dejan Lesjak <lesi@FreeBSD.org>

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pub 1024D/96C5221F 2004-08-18 Dejan Lesjak <lesi@FreeBSD.org>
Key fingerprint = 2C5C 02EA 1060 1D6D 9982 38C0 1DA7 DBC4 96C5 221F
uid Dejan Lesjak <dejan.lesjak@ijs.si>
sub 1024g/E0A69278 2004-08-18

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ZWVCU0Qub3JnPoheBBMRagAeBQJBJQwqAhsDBgsJCACDAGMVAgMDfGIBAh4BAheA
AAAJEB2n28SwxSIfoHYAnA9quQ97rU3eJHb1Lz0TpwZVMSDxAJWJnLzSFQHFJu1f
seG9fTyt5UpBabkBDQRB9jCEAQAZa9XDZevfbu9BYjDESbKo38SRgyTd5/lIgzH
lLF+9zGr2e9PH1WOIPr0m9m3LYQzkL3YiUm23UoJ07uhvWvCpxfChwVx3VFwM7Yz
WqWBV+W27aZNR0Emh5KheJACE/m6j0R6UECiRHZS/EsHP8FNG8r0wRo23ApNR0Vh
zZ6iVNCABASD/3glWdyCWMA/eX/YGPw3xN3hkENgruwtWKK6TW6kYv94k4iD/b5
bRsmIvGd3IAM5/Qv/IQd7epXb2ovDaKvML6+jAJb1NMCsZ0kCnoqQoKB0ed33d0
JOVWuA34WCMZ2zHLFEtWuQkHZqyNQcxRLGLk0Do4WwSvYNU7KeGHvAJDIEkEGBEC
AAkFAKEj2MICGwACgkQHafbxJbFIh9+8ACeNr7M+KLI/eWu6Nig8877cjREp3QA
n1Kfo14Pijwx26kysheLFV1jutrq

```

```
=IfeN
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.239. Achim Leubner <[achim@FreeBSD.org](mailto:achim@FreeBSD.org)>

```
pub 2048R/2E15B3C1 2013-01-22
    Key fingerprint = 2A48 0317 D477 2A07 2AD9 CF1C 7C1D 832E 2E15 B3C1
uid Achim Leubner <achim@freebsd.org>
sub 2048R/E275EF01 2013-01-22
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----

mQENBFD+q6cBCAD8XsjHzsylvjaRIF8Qz8NeXaiZWq0KZ8NHRJ4ahZLN5kvhk2D3+
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A5iBP7w+7aIkUQiRVXHC3CojDZrKpSGwA/Pp9ywple8p7GqxoBr/4i/qYQeCNMI
97E07c+BSfBrbgvWiYPY7+eIyV6AZFL9NfEfeko/7HLRkbL6Hh3jSXR/SZQ31WZ7
ct2z5GqJpExlCDcIwlnxFYQ5uCLbzfyWT2JpABEBAAG0IUFjaGltdWJuaXZlIjE
PGFjaGltdGZyZWVlc2Qub3JnPokB0AQTAAIAIgUCUP6rpwIbAwYLCQgHAwIGFQgC
CQoLBBYCAwECHgECF4AACGkQfB2DLi4Vs8EW0AgAnkiKp8Hu40tgwLymXdK5eM2K
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AAoJEHwdgy4uFbPBunYIAMDQe8m2VtABvUq0SS/MubKRKVASiWQZkvxqh7stDgl0
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S6C9UURhpGpETLVI9sLfrEDYWIwf7pvaSumhF5RHcugcLhu5I1JZdJjoHXkpCbFO
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QKsWBSlP5TlIwh0Zy5mabAEKzGzVWY5laM9LXGbZrG9ALwEzSRgZCUWTS/Efc9jE
WtMvwG0kYv1rFDqiRdjtqD1ja59uRXGdiUb7++BX7cQ=
=jnyf
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.240. Chuck Lever <[cel@FreeBSD.org](mailto:cel@FreeBSD.org)>

```
pub 1024D/8FFC2B87 2006-02-13
    Key fingerprint = 6872 923F 5012 F88B 394C 2F69 37B4 8171 8FFC 2B87
uid Charles E. Lever <cel@freebsd.org>
sub 2048g/9BCE0459 2006-02-13
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGibEPxAWERBACkn7HyvqMEJbJcf5eSJ57WR4Xoo1PU1GIsAYhdFhD0vmeWRZcH
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H6d78/rWY2Lb2wo6cS+9Du0D/01c09zPg+Mh2T43XdLMjnVp17jR99SuNajqJbBJ
pNehq8YA6wb3ahZPjKtXpgELu7YI7omxhqcq1mxKvXa262aV72qdWqWoqvZzX0hU
l0ckg6Q6E07qGvU/j0Y02/tmHdzQy6UJzHB7JVsfZ9DGH5xw23AYmbD4WF8jXtyL
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LiBMZXZlciA8Y2VsQGZyZWVlc2Qub3JnPokB0AQTAAIAIgUCUP6rpwIbAwYLCQg
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```
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bGXTED3AAMFB/42KW+FULr4keaGuhAZ07hrNs73Uw3QTTNIUY0kSJVvgold8RX
HMP38WANIkhTb3LBaZBxhqA0p2R5AppIPfyDrp1q0LT0GpzWfsQNQd10KRszXGkf
K6INVa6kpzQhNDxBUYhL4onp7hZyt9zXdZrfYJLexbrxkP1LDRDNJAY29LnVR2
vyDHPB6mmgijy07S6yKwC6iJIROu8w4X3xFqIQ+KcA6VBhXqtqXsjk7GQnwyB7Z
7L4Qg8iZvX5qj753w6BDEwDtXlCCbocDVsu5xcLRPwMN8BgH7XcYCwmZFEU7IgEk
RAhqiHsjpn07a15a+HQJi/KM0s5aDfwdkI48iEkEGBECAAKFAkPxAwKCGwACgkQ
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/KWhTyRy
=T2Vu
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.241. Don "Truck" Lewis <[truckman@FreeBSD.org](mailto:truckman@FreeBSD.org)>

```
pub  2048R/B082B167EC3362D8 2014-02-20 [expires: 2017-02-19]
      Key fingerprint = 7016 6C9F 3B88 E5E9 E7C7 E056 B082 B167 EC33 62D8
uid      Don "Truck" Lewis <truckman@FreeBSD.org>
sub  2048R/76F1C2A82FEBF95E 2014-02-20 [expires: 2017-02-19]
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

```
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d2lzIDx0cnVja21hbkbGcmVlQlNELm9yZz6JAT0EEwEKACcFAlMFv3ECGwMFCQWj
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z2RCjIwTklNoQoiulvEP4bgFaYYA3ZoUiY2h2+gjarndnIFiTVBLRz6dyTCanb5R
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pmM=
=k9Zb
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.242. Greg Lewis <[glewis@FreeBSD.org](mailto:glewis@FreeBSD.org)>

```
pub  1024D/1BB6D9E0 2002-03-05 Greg Lewis (FreeBSD) <glewis@FreeBSD.org>
      Key fingerprint = 2410 DA6D 5A3C D801 65FE C8DB DEEA 9923 1BB6 D9E0
uid      Greg Lewis <glewis@eyesbeyond.com>
sub  2048g/45E67D60 2002-03-05
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

```
mQGIBDyFNecRBACKn+4b36n2/e55yTfpLXS9a57gQNgx0WXBfbK9LMLf2D8otD+0
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Bpt7Uwsom88fnn+BOPrvvPL8Arg3JBen+Jd8o9yRoABCYku8vQF6CEUDcwCgmHJd
9hZ/kRb1rLdSLsB4VMQ3zED/0/SVm+6XV+20bXn9FKQpCC6sMSq+PCoR9NzAVRI
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TrR+ihTJ9hC626dCq9JDb1Ls7TXn9ha+d0WNUqiwugto/myHm/GVLCANhGzUuDNU
Mo27A/46YEAMuhSQW0xgSZ/Z5g0ybgpswVePrxvD4sX2/AVfKCl0YpPiNJe+S7YT
JmfIPkpP2P7v+87BaN/uWgaFmxlhpU0Iuat44w52EwwGB+K24cGgq52XncZsYTYH
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AgMWAgECF4AACGkQ3uqZIXu22eCkCACfUuNYpGGLFboD15FZeXlor/k/hogAnjyq
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AheAAAOJEN7qmSMbttnnguMYAn14cqGfabS626P1D4GMcSkSagzaZAJ9LyH+vMrfn
OI2x9+VLyATSAvm4zbkCDQ8hTajEAgAmuQukPfaefkzE7DTIgSDIc5vRmUHDs01
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fnjxqS27CAab6nIt9S9yb9WAAKUkDMwZCjHBNv49CAPyVVb1aTUCJyUcv1gGSMNHX
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=bx2+
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.243. Qing Li <qingli@FreeBSD.org>

```
pub 2048R/A3CA4C13 2013-06-12 [expires: 2017-06-12]
    Key fingerprint = E37B CB18 35D1 F01B 7D7B 1000 0EAF 4BEA A3CA 4C13
uid                               Qing Li <qingli@freebsd.org>
sub 2048R/EF3A9370 2013-06-12 [expires: 2017-06-12]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQENBFG4SekBCADdv582Ej3SpYP8QVUCks4u0ACLymBw0HhoJLUyhg0I0mYFU0Q1
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3b0UbByzEQPJ/SCvPLKVsMRDtavPaobmEmZJmQak2ilHtQ3bWwPVI2bskq6bA1M
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xNnWlHSYNZujfnNYNKT8zF1eMf+yTG+b+QYPABEBAAG0HFFpbmcgTGkgPHFpbmDs
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CAsFFgIDAQACHgECF4AACGkQDq9L6qPKTB0SQAgAn12gp98IdtF2g3tUqC2DCW9g
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5xgz0K89CkLX0TJVL309PRFlyKT7pnnPb/etN8yLa9By0QN03ArF0NL5gzPgebU
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BQkHhh+AAskJEA6vS+qjykwTwF0gBBkBCgAGBQJRuEnpAAOJEGJeXY/v0pNwEtoI
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=pGx/
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.244. Xin Li <delphij@FreeBSD.org>

```
pub 4096R/95B6181B2D33E9EC 2013-10-03 [expires: 2018-10-02]
    Key fingerprint = 0E1A 6039 BFD2 1F02 DD1B BFF5 95B6 181B 2D33 E9EC
uid                               Xin Li <d@delphij.net>
uid                               Xin Li <delphij@FreeBSD.org>
uid                               Xin Li <delphij@delphij.net>
sub 4096R/7D0C88F036C2299B 2013-10-03 [expires: 2018-10-02]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.245. Tai-hwa Liang <avatar@FreeBSD.org>

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pub 1024R/F4013AB1 1998-05-13 Tai-hwa Liang <avatar@FreeBSD.org>
Key fingerprint = 5B 05 1D 37 7F 35 31 4E 5D 38 BD 07 10 32 B9 D0
uid Tai-hwa Liang <avatar@mmlab.cse.yzu.edu.tw>
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### 3.246. Ying-Chieh Liao <ijliao@FreeBSD.org>

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pub 1024D/11C02382 2001-01-09 Ying-Chieh Liao <ijliao@CCCA.NCTU.edu.tw>
Key fingerprint = 4E98 55CC 2866 7A90 EFD7 9DA5 ACC6 0165 11C0 2382
uid Ying-Chieh Liao <ijliao@FreeBSD.org>
uid Ying-Chieh Liao <ijliao@csie.nctu.edu.tw>
uid Ying-Chieh Liao <ijliao@dragon2.net>
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sub 4096g/C1E16E89 2001-01-09
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.247. Kurt Lidl <lidl@FreeBSD.org>

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pub  rsa2048/9808DFE7C2CA3ABA 2015-10-22 [expires: 2018-10-21]
      Key fingerprint = 4A2D 4BC0 9C8D 6D58 4B96 96E9 9808 DFE7 C2CA 3ABA
uid      Kurt Lidl <lidl@FreeBSD.org>
uid      Kurt Lidl <lidl@pix.net>
sub  rsa2048/A53F68D4F0D10479 2015-10-22 [expires: 2018-10-21]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.248. Ulf Lilleengen <lulf@FreeBSD.org>

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pub 1024D/ADE1B837 2009-08-19 [expires: 2014-08-18]
    Key fingerprint = 3822 B4E6 6D1C 6F71 4AA8 7A27 ADDF C400 ADE1 B837
uid      Ulf Lilleengen <lulf.lilleengen@gmail.com>
uid      Ulf Lilleengen <lulf@pvv.ntnu.no>
uid      Ulf Lilleengen <lulf@stud.ntnu.no>
uid      Ulf Lilleengen <lulf@FreeBSD.org>
uid      Ulf Lilleengen <lulf@idi.ntnu.no>
sub 2048g/B5409122 2009-08-19 [expires: 2014-08-18]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.249. Clive Lin <clive@FreeBSD.org>

```
pub 1024D/A008C03E 2001-07-30 Clive Lin <clive@tongi.org>
    Key fingerprint = FA3F 20B6 A77A 6CEC 1856 09B0 7455 2805 A008 C03E
uid      Clive Lin <clive@CirX.ORG>
uid      Clive Lin <clive@FreeBSD.org>
sub 1024g/03C2DC87 2001-07-30 [expires: 2005-08-25]
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Version: PGP Key Server 0.9.6

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.250. Po-Chien Lin <[pcLin@FreeBSD.org](mailto:pcLin@FreeBSD.org)>

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pub 4096R/865C427F 2013-02-05
Key fingerprint = CF3B AB13 4C94 6388 B047 B599 8B28 1692 865C 427F
uid Po-Chien Lin <pcLin@FreeBSD.org>
uid Po-Chien Lin <linpc@cs.nctu.edu.tw>
sub 4096R/F31280BA 2013-02-05
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### 3.251. Yi-Jheng Lin <yzlin@FreeBSD.org>

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pub  2048R/A34C6A8A 2009-07-20
      Key fingerprint = 7E3A E981 BB7C 5D73 9534 ED39 0222 04D3 A34C 6A8A
uid      Yi-Jheng Lin (FreeBSD) <yzlin@FreeBSD.org>
sub  2048R/B4D776FE 2009-07-20
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### 3.252. Mark Linimon <[linimon@FreeBSD.org](mailto:linimon@FreeBSD.org)>

```

pub      1024D/84C83473 2003-10-09
          Key fingerprint = 8D43 1B55 D127 0BFC 842E 1C96 803C 5A34 84C8 3473
uid       Mark Linimon <linimon@FreeBSD.org>
uid       Mark Linimon <linimon@lonesome.com>
sub      1024g/24BFF840 2003-10-09

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.253. Tilman Keskinöz <[arved@FreeBSD.org](mailto:arved@FreeBSD.org)>

```

pub      4096R/6774D2A3 2013-09-24 [expires: 2018-09-23]
          Key fingerprint = 4E07 0A2C F66B B844 7E9B A25B 6CBE B6EB 6774 D2A3
uid       Tilman Keskinöz <arved@FreeBSD.org>
uid       Tilman Keskinöz <arved@arved.at>
sub      4096R/8CD560FB 2013-09-24 [expires: 2018-09-23]

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0A==
=oJfd
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.254. Dryice Liu <[dryice@FreeBSD.org](mailto:dryice@FreeBSD.org)>

```
pub 4096R/0C552FA8 2015-04-02 [expires: 2019-04-02]
```

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Key fingerprint = 097D F705 D0F6 7648 8FC9 DCDF 5F95 2820 0C55
2FA8
uid          Dryice Liu <dryice@freebsd.org>
uid          Dryice Liu <dryiceliu@gmail.com>
uid          Dryice Liu <dryice@dryice.name>
uid          [jpeg image of size 4507]
sub          4096R/A0446359 2015-04-02 [expires: 2019-04-02]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

Comment: Dryice&#8217;s primary GPG key

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### 3.255. Tong Liu <nemoliu@FreeBSD.org>

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pub      1024D/ECC7C907 2007-07-10
Key fingerprint = B62E 3109 896B B283 E2FA  60FE A1BA F92E ECC7 C907

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uid      Tong LIU <nemoliu@FreeBSD.org>
sub      4096g/B6D7B15D 2007-07-10
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### 3.256. Zachary Loafman <zml@FreeBSD.org>

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pub      1024D/4D65492D 2009-05-26
          Key fingerprint = E513 4AE9 5D6D 8BF9 1CD3  4389 4860 D79B 4D65 492D
uid      Zachary Loafman <zml@FreeBSD.org>
sub      2048g/1AD659F0 2009-05-26
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.257. Juergen Lock <[nox@FreeBSD.org](mailto:nox@FreeBSD.org)>

```
pub      1024D/1B6BFBFD 2006-12-22
          Key fingerprint = 33A7 7FAE 51AF 00BC F0D3 ECCE FAFD 34C1 1B6B FBFD
uid              Juergen Lock <nox@FreeBSD.org>
sub      2048g/251229D1 2006-12-22
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### 3.258. Remko Lodder <[remko@FreeBSD.org](mailto:remko@FreeBSD.org)>

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pub      4096R/3F774079 2012-11-11 [expires: 2016-11-11]
          Key fingerprint = 7EE4 C4AF DCA3 E0B4 479B A344 7135 8ED6 3F77 4079
uid              Remko Lodder <remko@FreeBSD.org>
sub      4096R/59F38CB0 2012-11-11 [expires: 2016-11-11]
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### 3.259. Alexander Logvinov <avl@FreeBSD.org>

pub 1024D/1C47D5C0 2009-05-28



```

Key fingerprint = 8B5F 880A 382B 075E E707 9DB2 E135 4176 1C47 D5C0
uid      Alexander Logvinov <alexander@logvinov.com>
uid      Alexander Logvinov (FreeBSD Ports Committer) <avl@FreeBSD.org>
uid      Alexander Logvinov <ports@logvinov.com>
uid      Alexander Logvinov <logvinov@gmail.com>
uid      Alexander Logvinov <logvinov@yandex.ru>
sub      2048g/60BDD4BB 2009-05-28

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### 3.260. Isabell Long <issyl0@FreeBSD.org>

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pub      8192R/0x66E1760E20E8FD7D 2013-09-26 [expires: 2018-09-01]
Key fingerprint = 6E31 23BB B9AC C8BB 441F DC30 66E1 760E 20E8 FD7D
uid      [ultimate] Isabell Long (Personal) <isabell@issyl0.co.uk>
uid      [ultimate] Isabell Long (BitFolk Limited) <isabell@bitfolk.com>
uid      [ultimate] Isabell Long (FreeBSD) <issyl0@FreeBSD.org>
sub      8192R/0xE1FE57DEB9FE6B83 2013-09-26 [expires: 2018-09-01]

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Comment: GPGTools - <https://gpgtools.org>

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.261. Scott Long <[scottl@FreeBSD.org](mailto:scottl@FreeBSD.org)>

```
pub 1024D/017C5EBF 2003-01-18 Scott A. Long (This is my official FreeBSD key) ㉿
<scottl@freebsd.org>
    Key fingerprint = 34EA BD06 44F7 F8C3 22BC B52C 1D3A F6D1 017C 5EBF
sub 1024g/F61C8F91 2003-01-18
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Version: GnuPG v1.2.1 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.262. Jonathan T. Looney <[jtl@FreeBSD.org](mailto:jtl@FreeBSD.org)>

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pub 4096R/F8C879462E5477E3 2015-04-09 [expires: 2017-06-30]
    Key fingerprint = 1F3D 2022 617C 1E04 8C74 02AB F8C8 7946 2E54 77E3
uid Jonathan T. Looney <jonlooney@gmail.com>
uid Jonathan T. Looney <jlooney@juniper.net>
uid Jonathan T. Looney <jtl@freebsd.org>
sub 4096R/EA74BDBC891F9AFD 2015-04-09 [expires: 2017-06-30]
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Comment: GPGTools - https://gpgtools.org
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### 3.263. Wojciech Macek <wma@FreeBSD.org>

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pub  rsa2048/BA2FD88965AA1A7F 2016-01-20 [expires: 2019-01-19]
     Key fingerprint = 09F2 3360 D512 C987 B4D8 1AE8 BA2F D889 65AA 1A7F
uid          Wojciech Macek <wma@FreeBSD.org>
sub  rsa2048/F074ACB7E5B3B33A 2016-01-20 [expires: 2019-01-19]

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### 3.264. Rick Macklem <[rmacklem@FreeBSD.org](mailto:rmacklem@FreeBSD.org)>

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pub 1024D/7FB9C5F1 2009-04-05
    Key fingerprint = B9EA 767A F6F3 3786 E0C7 434A 05C6 70D6 7FB9 C5F1
uid                               Rick Macklem <rmacklem@freebsd.org>
sub 1024g/D0B20E8A 2009-04-05

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.265. Bruce A. Mah <[bmah@FreeBSD.org](mailto:bmah@FreeBSD.org)>

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pub 2048R/4984910A8CAEE8A 2014-01-17 [expires: 2017-01-16]
    Key fingerprint = F85A 3820 4369 F71A 34D4 4E83 4984 910A 8CAA EE8A
uid                               Bruce A. Mah <bmah@kitchenlab.org>

```

```

uid          Bruce A. Mah <bmah@es.net>
uid          Bruce A. Mah <bmah@acm.org>
uid          Bruce A. Mah <bmah@ieee.org>
uid          Bruce A. Mah <bmah@freebsd.org>
sub 2048R/3FE58165F851A044 2014-01-17 [expires: 2017-01-16]
Key fingerprint = 32E2 00DA A25D A8B2 87F1 7CC3 3FE5 8165 F851 A044

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.266. Ruslan Makhmatkhanov <rm@FreeBSD.org>

```
pub 2048R/F60D756F 2011-11-10
    Key fingerprint = 9D18 8A88 304C B78B 8003 0379 4574 0BAF F60D 756F
uid Ruslan Makhmatkhanov <rm@FreeBSD.org>
sub 2048R/B658C269 2011-11-10
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### 3.267. Mike Makonnen <mtm@FreeBSD.org>

```
pub 1024D/7CD41F55 2004-02-06 Michael Telahun Makonnen <mtm@FreeBSD.Org>
    Key fingerprint = AC7B 5672 2D11 F4D0 EBF8 5279 5359 2B82 7CD4 1F55
uid Michael Telahun Makonnen <mtm@tmsa-inc.com>
uid Mike Makonnen <mtm@identd.net>
uid Michael Telahun Makonnen <mtm@acs-et.com>
sub 2048g/E7DC936B 2004-02-06
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.268. David Malone <dwmalone@FreeBSD.org>

```

pub  4096R/214C82C2361FD728 2013-08-07
      Key fingerprint = 7759 C5C6 F872 7269 4A8A FEFF 214C 82C2 361F D728
uid   David Malone <dwmalone@maths.tcd.ie>
uid   David Malone <David.Malone@nuim.ie>
uid   David Malone <dwmalone@FreeBSD.org>
uid   David Malone <dwmalone@dwmalone.net>
uid   [jpeg image of size 9564]
sub   4096R/770F33478DF59E7B 2013-08-07

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### 3.269. Dmitry Marakasov <[amdmi3@FreeBSD.org](mailto:amdmi3@FreeBSD.org)>

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pub      1024D/F9D2F77D 2008-06-15 [expires: 2010-06-15]
          Key fingerprint = 55B5 0596 FF1E 8D84 5F56 9510 D35A 80DD F9D2 F77D
uid       Dmitry Marakasov <amdmi3@amdmi3.ru>
uid       Dmitry Marakasov <amdmi3@FreeBSD.org>
sub       2048g/2042CDD8 2008-06-15

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### 3.270. John Marino <marino@FreeBSD.org>

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pub 2048R/A0AE6229 2011-07-19
    Key fingerprint = EE48 4F90 C861 3A5F E39E AB9E 33CF 4190 A0AE 6229
uid          John Marino (DragonFly) <draco@marino.st>
uid          John R. Marino <john.secure@marino.st>
uid          John Marino (NetBSD) <marino@netbsd.org>
sub 2048R/71D9FB68 2011-07-19
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### 3.271. Koop Mast <kwmm@FreeBSD.org>

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pub 4096R/BF4E2D5B3B9D8847 2014-01-31 [expires: 2016-01-31]
     Key fingerprint = F986 EDE2 B3EC 4098 7820 E1D7 BF4E 2D5B 3B9D 8847
uid                               Koop Mast <kwmm@FreeBSD.org>
uid                               Koop Mast <kwmm@rainbow-runner.nl>
sub 4096R/19C3701D1BE7F671 2014-01-31 [expires: 2016-01-31]

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### 3.272. Ed Maste <emaste@FreeBSD.org>

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pub  rsa2048/5D9A9C3B43EEF099 2015-07-08 [expires: 2017-07-07]
     Key fingerprint = F7E1 F016 EF5B 923A 6134 8BC8 5D9A 9C3B 43EE F099
uid  Ed Maste <emaste@freebsd.org>
sub  rsa2048/A294A95EA92D2D89 2015-07-08 [expires: 2017-07-07]

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### 3.273. Cherry G. Mathew <[cherry@FreeBSD.org](mailto:cherry@FreeBSD.org)>

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pub      2048R/2D066FE1 2007-05-22
          Key fingerprint = FBF1 89FF 81BB E1C7 6C1B 378D 3438 20E9 2D06 6FE1
uid       Cherry G. Mathew (FreeBSD email) <cherry@FreeBSD.org>
uid       "Cherry G. Mathew" (NetBSD email) <cherry@NetBSD.org>
sub      2048R/7B2C4166 2007-05-22

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### 3.274. Makoto Matsushita <matusita@FreeBSD.org>

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pub 1024D/20544576 1999-04-18
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uid Makoto Matsushita <matusita@matatabi.or.jp>
uid Makoto Matsushita <matusita@FreeBSD.org>
uid Makoto Matsushita <matusita@jp.FreeBSD.ORG>
uid Makoto Matsushita <matusita@ist.osaka-u.ac.jp>
sub 1024g/F1F3C94D 1999-04-18

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CgMEAxUDAgMwAgECF4AAEgkQ6y1BRyBURXYHZUdQRwABAc3PAJ0VtHlKcmR8IjdR
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7gCdHJTts41XBpfprQCErm3tGXwRrG0An1zUSEtG1AA4jFXNgIlud0004aMm
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.275. Martin Matuska <[mm@FreeBSD.org](mailto:mm@FreeBSD.org)>

```
pub 1024D/4261B0D1 2007-02-05
    Key fingerprint = 17C4 3F32 B3DE 3ED7 E84E 5592 A76B 8B03 4261 B0D1
uid Martin Matuska <martin@matuska.org>
uid Martin Matuska <mm@FreeBSD.org>
uid Martin Matuska <martin.matuska@wu-wien.ac.at>
sub 2048g/3AC9A5A6 2007-02-05
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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GX8wbk+a9rsiC8dIGn++9D3BrvGvVLqxErufLXmpokyalalitIL3N3WitPjMu7gW
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.276. Sergey Matveychuk <[sem@FreeBSD.org](mailto:sem@FreeBSD.org)>

```
pub 1024D/B71F605D 1999-10-13
    Key fingerprint = 4704 F374 DB28 BEC6 51C8 1322 4DC9 4BD8 B71F 605D
uid Sergey Matveychuk <sem@FreeBSD.org>
uid Sergey Matveychuk <sem@ciam.ru>
uid Sergey Matveychuk <sem@core.inec.ru>
sub 2048g/DEAF9D91 1999-10-13
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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=iDu9
-----END PGP PUBLIC KEY BLOCK-----
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### 3.277. Stephen McConnell <[slm@FreeBSD.org](mailto:slm@FreeBSD.org)>

```
pub 2048R/E523D98C5DCEE9D0 2014-05-13 [expires: 2017-05-12]
    Key fingerprint = E5A6 6376 9B87 C35A B41E 1F7B E523 D98C 5DCE E9D0
uid                               Stephen McConnell <slm@FreeBSD.org>
sub 2048R/0A1BC20E46082DDE 2014-05-13 [expires: 2017-05-12]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.278. Stephen McKay <[mckay@FreeBSD.org](mailto:mckay@FreeBSD.org)>

```
pub 4096R/552482D45824C996 2015-04-26 [expires: 2018-04-25]
    Key fingerprint = DF52 7F13 0B49 9790 BFF3 6A17 5524 82D4 5824 C996
uid                               Stephen McKay <mckay@FreeBSD.org>
sub 4096R/3DBD459E455FF5B3 2015-04-26 [expires: 2018-04-25]
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### 3.279. Kirk McKusick <mckusick@FreeBSD.org>

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pub  rsa2048/CAB83758086F2431 2015-10-23
     Key fingerprint = 56A8 62BC E973 24B7 E787 3F75 CAB8 3758 086F 2431
uid  Marshall Kirk McKusick <mckusick@freebsd.org>
uid  Marshall Kirk McKusick <mckusick@mckusick.com>
sub  rsa2048/DD2D6C768B07C96A 2015-10-23

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### 3.280. Tom McLaughlin <tmclaugh@FreeBSD.org>

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pub      1024D/E2F7B3D8 2005-05-24
          Key fingerprint = 7692 B222 8D23 CF94 1993  0138 E339 E225 E2F7 B3D8
uid      Tom McLaughlin (Personal email address) <tmclaugh@sdf.lonestar.org>
uid      Tom McLaughlin (Work email address) <tmclaughlin@meditech.com>
uid      Tom McLaughlin (FreeBSD email address) <tmclaugh@FreeBSD.org>
sub      2048g/16838F62 2005-05-24

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### 3.281. Jared McNeill <jmcneill@FreeBSD.org>

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pub  rsa2048/4D7493AA16CF40D0 2016-02-24 [expires: 2019-02-23]
      Key fingerprint = 81ED 5420 3DF8 B48D 035D 8334 4D74 93AA 16CF 40D0
uid          Jared McNeill (FreeBSD) <jmcneill@FreeBSD.org>
uid          Jared McNeill <jmcneill@invisible.ca>
sub  rsa2048/0E6943EE9C65C7F0 2016-02-24 [expires: 2019-02-23]

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.282. Johannes Meixner <xmj@FreeBSD.org>

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pub 2048R/FC9E29371B1B0D0B 2014-04-09 [expires: 2017-04-08]
    Key fingerprint = 224E D70A A3AE 3EF1 23B0 CA88 FC9E 2937 1B1B 0D0B
uid Johannes Jost Meixner <xmj@chaot.net>
uid Johannes Jost Meixner <xmj@FreeBSD.org>
sub 2048R/A9F0E3193C0C8867 2014-04-09 [expires: 2017-04-08]

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```

**3.283. Jean Milanez Melo <jmelo@FreeBSD.org>**

```
pub 1024D/AA5114BF 2006-03-03
    Key fingerprint = 826D C2AA 6CF2 E29A EBE7 4776 D38A AB83 AA51 14BF
uid Jean Milanez Melo <jmelo@FreeBSD.org>
uid Jean Milanez Melo <jmelo@freebsdbrasil.com.br>
sub 4096g/E9E1CBD9 2006-03-03
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-----END PGP PUBLIC KEY BLOCK-----

**3.284. Michal Meloun <mmel@FreeBSD.org>**

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pub rsa2048/691EB26B5EC5AAAA 2015-10-26 [expires: 2018-10-31]
    Key fingerprint = 00DD 4A10 4B80 9FE0 2983 8D77 691E B26B 5EC5 AAAA
uid Michal Meloun <mmel@freebsd.org>
uid Michal Meloun <meloun@miracle.cz>
uid Michal Meloun <melounmichal@gmail.com>
sub rsa2048/62E61A1BD4E386E2 2015-10-26 [expires: 2018-10-31]
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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.285. Julio Merino <jmmv@FreeBSD.org>

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pub 1024D/B889BD5041AD5625 2004-01-01
Key fingerprint = 6D6F 53EB C86C AB33 17B5 331D B889 BD50 41AD 5625
uid Julio Merino <jmmv@julipedia.org>
uid Julio M. Merino Vidal <jmmv84@gmail.com>
uid Julio M. Merino Vidal <jmmv@NetBSD.org>
uid Julio Merino <jmmv@NetBSD.org>
uid Julio Merino <julio@meroh.net>
uid Julio Merino <jmmv@FreeBSD.org>
sub 2048g/91A5E9E695283F9C 2004-01-01

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### 3.286. Kashyap D. Desai <kadesai@FreeBSD.org>

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pub 1024D/B58E09A5C6E4A571 2014-05-22 [expires: 2017-05-21]
    Key fingerprint = A14D 4FB6 333F D61A D202 C547 B58E 09A5 C6E4 A571
uid                               Kashyap D Desai <kashyap.desai@avagotech.com>
sub 2048g/9372013F74B44808 2014-05-22 [expires: 2017-05-21]

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### 3.287. Kenneth D. Merry <[ken@FreeBSD.org](mailto:ken@FreeBSD.org)>

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pub 1024D/54C745B5 2000-05-15 Kenneth D. Merry <ken@FreeBSD.org>
    Key fingerprint = D25E EBC5 F17A 9E52 84B4 BF14 9248 F0DA 54C7 45B5
uid                               Kenneth D. Merry <ken@kdm.org>
sub 2048g/89D0F797 2000-05-15

pub 1024R/2FA0A505 1995-10-30 Kenneth D. Merry <ken@plutotech.com>
    Key fingerprint = FD FA 85 85 95 C4 8E E8 98 1A CA 18 56 F0 00 1F

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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=CRmh
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.288. Mark Murray <[markm@FreeBSD.org](mailto:markm@FreeBSD.org)>

```

pub 1024D/FB57D793 2000-01-20
    Key fingerprint = 3FB6 3D12 0CF0 611F 0441 CD18 CD0B 8A35 FB57 D793
uid                               Mark R V Murray <mark@grondar.org>
uid                               Mark R V Murray <mark@grondar.za>
uid                               Mark R V Murray <markm@uunet.co.za>
uid                               Mark R V Murray <markm@freebsd.org>
sub 2048g/EB82BBFC 2000-01-20

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG/MacGPG2 v2.0
Comment: GPGTools - http://gpgtools.org

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.289. Dirk Meyer <dinoex@FreeBSD.org>

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pub 1024R/331CDA5D 1995-06-04 Dirk Meyer <dinoex@FreeBSD.org>
    Key fingerprint = 44 16 EC 0A D3 3A 4F 28 8A 8A 47 93 F1 CF 2F 12
uid                               Dirk Meyer <dirk.meyer@dinoex.sub.org>
uid                               Dirk Meyer <dirk.meyer@guug.de>
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.290. Yoshiro Sanpei MIHIRA <sanpei@FreeBSD.org>

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pub 1024R/391C5D69 1996-11-21 sanpei@SEAPLE.ICC.NE.JP
Key fingerprint = EC 04 30 24 B0 6C 1E 63 5F 5D 25 59 3E 83 64 51
uid MIHIRA Yoshiro <sanpei@sanpei.org>
uid Yoshiro MIHIRA <sanpei@FreeBSD.org>
uid MIHIRA Yoshiro <sanpei@yy.cs.keio.ac.jp>
uid MIHIRA Yoshiro <sanpei@cc.keio.ac.jp>
uid MIHIRA Yoshiro <sanpei@educ.cc.keio.ac.jp>
uid MIHIRA Yoshiro <sanpei@st.keio.ac.jp>
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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**3.291. Robert Millan** <[rmh@FreeBSD.org](mailto:rmh@FreeBSD.org)>

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pub 4096R/DEA2C38E 2009-08-14
    Key fingerprint = A537 F029 AAAE 0E9C 39A7 C22C BB9D 98D9 DEA2 C38E
uid                                Robert Millan <rmh@debian.org>
uid                                Robert Millan <rmh@freebsd.org>
uid                                Robert Millan <rmh@gnu.org>
sub 4096R/65A0A9CE 2009-08-14
sub 4096R/41F37946 2009-08-14
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.4.10 (GNU/kFreeBSD)
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### 3.292. Michael Moll <mmoll@FreeBSD.org>

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pub    rsa4096/749B7C68AFB116C7 2015-04-25
       Key fingerprint = 5048 2980 9458 0FF4 AE39 1B16 749B 7C68 AFB1 16C7
uid          Michael Moll <kvedulv@kvedulv.de>
uid          Michael Moll <mmoll@FreeBSD.org>
uid          Michael Moll <mmoll@mmoll.at>
sub    rsa4096/8693D402926E5572 2015-04-25

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### 3.293. Christoph Moench-Tegeder <cmt@FreeBSD.org>

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### 3.294. Stephen Montgomery-Smith <[stephen@FreeBSD.org](mailto:stephen@FreeBSD.org)>

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pub  2048R/9A92D807 2011-06-14
      Key fingerprint = 2B61 D82E 168E F08B 6E08  712E 2DF1 2BD1 9A92 D807
uid   Stephen Montgomery-Smith <stephen@freebsd.org>
sub   2048R/A4BA6560 2011-06-14

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### 3.295. Marcel Moolenaar <[marcel@FreeBSD.org](mailto:marcel@FreeBSD.org)>

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pub  4096R/875AF2DF1FD2D8E3 2012-11-17
      Key fingerprint = 745F 456E AE8D 07DB 07C0  998B 875A F2DF 1FD2 D8E3
uid   Marcel Moolenaar <marcel@xcllnt.net>
uid   Marcel Moolenaar <marcel@FreeBSD.org>

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sub 4096R/8B35277B73BDD377 2012-11-17

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.296. Kris Moore <kmoore@FreeBSD.org>

```
pub 1024D/6294612C 2009-05-26
    Key fingerprint = 8B70 9876 346F 1F97 5687 6950 4C92 D789 6294 612C
uid                               Kris Moore <kmoore@freebsd.org>
sub 2048g/A7FFE8FB 2009-05-26
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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### 3.297. Dmitry Morozovsky <marck@FreeBSD.org>

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pub 4096R/0650BCC042473949 2013-11-25 [expires: 2016-11-24]
    Key fingerprint = 6BF3 EE15 5E2D 46F5 0B57 3A81 0650 BCC0 4247 3949
uid                               Dmitry Morozovsky <marck@rinet.ru>
uid                               Dmitry Morozovsky <marck@FreeBSD.org>
sub 4096R/948FF5948B7DAAA4 2013-11-25 [expires: 2016-11-24]
sub 4096R/615AA79C860E297A8 2013-11-25 [expires: 2016-11-24]

pub 1024D/85D450456B691B03 2001-07-20
    Key fingerprint = 39AC E336 F03D C0F8 5305 B725 85D4 5045 6B69 1B03
uid                               Dmitry Morozovsky <marck@rinet.ru>
uid                               Dmitry Morozovsky <marck@FreeBSD.org>
sub 2048g/EC88D8AE44D656F8 2001-07-20
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### 3.298. Alexander Motin <mav@FreeBSD.org>

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uid Alexander Motin <mav@FreeBSD.org>
uid Alexander Motin <mav@ixsystems.com>
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### 3.299. Felipe de Meirelles Motta <lippe@FreeBSD.org>

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<lippe@FreeBSD.org>
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L1i80DPb0cpazMCiGyjrZs0oq4XcYJZah85Eu9jdqbX8aDnNag4Ne0+9jhy1msg
xC7WuLYPctfFZ3q5ZwdvvtfluyeKjy5mzkAuXKbtK66yMLugU4NnR1IeS7oI212
NF2FmCRAKCMb26n8sd7xavpd9uF+6ciITwQYEQIADwUCSLyWEgIbDAUJA8JnAAAK

```

```
CRAjG68g8s99rkWyAJ9b53BhFJ6+49cr0IIZLxVBGLWnNAcfX40300hx8kClRzsH
1wm6VFjn7qg=
=q3W+
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.300. Rich Murphey <[rich@FreeBSD.org](mailto:rich@FreeBSD.org)>

```
pub 1024R/583443A9 1995-03-31 Rich Murphey <rich@lamprey.utmb.edu>
Key fingerprint = AF A0 60 C4 84 D6 0C 73 D1 EF C0 E9 9D 21 DB E4
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

mQCNay97V+MAAAEELiNM3FCwm3qrCe81E20U0SlnClOWfZHNAy0yjlahHeINvo1
FBF2Gd5Lbj0y8SLMno5yJ6P4F4r+x3jwHZrZAIwMs/lxDXRtB0VeVWnlj6a3Rezs
wbfaTeSVyh5JohEckdoYiMG5wjAT0wK/NAwIPthB1RzRjnEeer3HI3ZYNE0pAAUR
tCRSawNoIE11cnBoZXkgPHJpY2hAbGFtcHJleS51dG1iLmVkdT6JAJUDBRAve15W
vccjdLg0Q0kBAZTZBACcNd/LiVnMFURPr04pVRn1sVQeokVX7izeWQ7siE31Iy7g
Sb97WRLEYDi686osaGfsuKNA87Rm+q5F+jxeUV4w4szoqp60GvCbD0KCB2hWraP
/2s2qdVAXhfcoTin/Qp1ZWVxXFF7imGA/IjYIfB42VkaRYu6BwLEm3YAGfGcSw==
=QoiM
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.301. Akinori MUSHASHA <[knu@FreeBSD.org](mailto:knu@FreeBSD.org)>

```
pub 1024D/9FD9E1EE 2000-03-21 Akinori MUSHASHA <knu@and.or.jp>
Key fingerprint = 081D 099C 1705 861D 4B70 B04A 920B EFC7 9FD9 E1EE
uid Akinori MUSHASHA <knu@FreeBSD.org>
uid Akinori MUSHASHA <knu@idaemons.org>
uid Akinori MUSHASHA <knu@ruby-lang.org>
sub 1024g/71BA9D45 2000-03-21
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

mQGiBDjXWqERBACDCxgN9+yMfpm3yvkYp+P4Uw6xxPdcZ9RvnTRkBX9zXaRgSPmM
zeZ63LpB99uVphVZrv/EdlyTf+cRdz6VXXRcTBloA/FsyY86ILuBnWCH054WyXzr
7az5WB9yDbPnlwcSL919bq0UqTuQUlQswdQa0DQG5LNNZNa0T01ydYtNlwCg3weS
I/nEjrGCXGy2wrjg8LiwQ28D/Re2JHQPTYqDEZl6wj5U83wT55ChnTrjPrBGMr/C
UdJP6CZQ06+DXYGyulcp3oL4btcdFDRFglJzmQNkUYmqiVC20SMVKUctrOCAI60P
7VE40UtXz9EounPSRQ01lSDMNeRwrZ9o7IcrSj0EBw8lw3d2WxyM2Rs2crZWf0I2
mu8dA/9LbmAw5sLk5Lo5i41nAWP76pyuGxSia6zMRdML6ynoC5kmyrI9TW5LNU/
Lsq1Ru2XSA+CwSBpTt0vdwS88dDwPGxRuUHHWVpa1M5t7K7uY0DB1cD5AyNoNnR/
lHpxfPZ0JNdA30PgfsN9K+PIuhbBU5x0NCoAcD9TEqSezfUrQfQWtpbm9yaSBN
VVNIQSA8a251QEZYzWVCU0Qub3JnPoHwBBMRAGAWBQI411qhBAsKBAMDFQMCAxYC
AQIXgAAKCRCS+Hn9nh7n1bAJ4vkEQX0JkcYgltt0Vv5qkS3bGqNgCguxfhuEzZ
vBzpAW9/XdstjA/DSPS0HUFraW5vcmkgTVVTSEEgPGtudUBhbmQub3IuanA+iFYE
ExECABYFAjnly3oECwoEAwMVAwIDFgIBAheAAAoJEJIL78ef2eHu7RoAoKn5Lw0y
C+/lju5+pV0WI5dmxTzxAKDJRtsRSTBcJ7ohvzztxZgyjfSK+bQgQWtpbm9yaSBN
VVNIQSA8a251QGLkYwVtb25zLm9yZz6IVgQTEQIAFgUC0ZGiwQLCgQDAXUDAgMW
AgECF4AACGkQkgvxx5/Z4e4t+ACgnr8RmYw81/oC7MKS2CS0Fb9cg6sAnjKay6ho
14iMG+YcFNbjxwGvSE9EtCFBa2Lub3JpIE1VU0hBIDxrbnVAcnVieS1sYW5nLm9y
Zz6IVgQTEQIAFgUC0eXLZwQLCgQDAXUDAgMWAgECF4AACGkQkgvxx5/Z4e5+zQCf
Z/09J5F0gAqw3UrTTAazR6QWicG0AoJd1BcdUlte04WV+q3FRlw4RVnA8uQENBDjX
WqwQBAC090xAmKbGn9FETDMA/5abv0Y7JgNcFhQutEVnJ90mF/npBucWkCRb0r83
t+NB0h5Te+LV/c+mjPy0emfWdAK4R9zQsat+ZqAtv4Vgiy0UbJ/5TPfSraNK+QkX
nxcDrhpcJXZhX6VYzbWdRSn8xSZzPT19qq0BFafz9UhZKXnLDwAEDQP/dpZe0jWw
rED/kbyr8CDoEKuun/5gPi5xmNz9iJlyvcsd0gok7yen0HHWgdaZAGX3GzjpB5gA
aISX/kK66s+NeM1XQ7YXpcI8naf0jPa6N3SNWjLf3xPxLbMk0SyaGnrnSQNikk/H
Bk2Nqyn0kcEaaBbdfgrkuuQWPnBDRq2Ed00IRgQYEQIABgUCONdarAAKCRCS+/H
```

```
n9nh7oxxAkC+gMyhZmSZdTvT3a2Y0RD0x5kRLACeP3JEvGZAUo1sJeEw504+jr8
1Xo=
=M+Al
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.302. Thomas Möstl <[tmml@FreeBSD.org](mailto:tmml@FreeBSD.org)>

```
pub 1024D/419C776C 2000-11-28 Thomas Moestl <tmml@FreeBSD.org>
    Key fingerprint = 1C97 A604 2BD0 E492 51D0 9C0F 1FE6 4F1D 419C 776C
uid                                     Thomas Moestl <tmoestl@gmx.net>
uid                                     Thomas Moestl <t.moestl@tu-bs.de>
sub 2048g/ECE63CE6 2000-11-28
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

```
mQGIBDoj/ekRBACn084k2i5lLHZKscYV8tjQSkkr26hasdbc/uyV7HTiPhMUjEAz
Pamk+bDmy/Ls8k0Sj1l0vILBbd31G5VYtKonIrgp4vZ9gV0fBdCyFDXb8bh11Pk3
pEZiG9vJevq400PvsThLKHCLNhZ5zLp6gd0IHwRJ0LU94pouFXd33MzrwCg4gTJ
K00Dw0w1hFtUsq6WjNC+1B8D/2WiEuzBMn06gz0p/eJ1eZ7mvrBXLQZ0u5vJ3eg2
CCPrT51ZITq3ICPDN6biEiMgtRmLYn/VYvDQqxwNE0X2yMfB/9sdah45zma9EeVn
Iy8meaCFDLhm4aIYc1foUuz3WbCNlJFY5xYPXCMXLK65xdybhKng5TXh6N00Wf3
PfCWBAcPMotTRKttAuW5YcZE5VDrSPYHu/jm2CpIVmrac7+kDj9pGH9sB7BdUxw
vczqtAT0jk7MrT+u3FH9wBtEFTXl7ksGTmD0FWJgYn3Z0EaVaX/0qD89UNhr0A2v
Z0aaokMYxK/psZPdr1Ghd6BQCmYKtLB1FYiTDRM5UMVHTqN7VrQfVghvbWfzIE1v
ZXN0bCA8dG1vZXN0bEBnbXgubmV0PohXBBMRagAXBQI6I/3pBQsHCgMEAxUDAgMW
AgECF4AACGkQH+ZPHUGcd2xMLwCfdEkPZVBgEmYnly0KfyTSsLMhud0AokDKZNXA
huNslb4KF8yKwBNRwfPStCFUaG9tYXMgTW9lc3RsIDx0Lm1vZXN0bEB0dS1icy5k
ZT6IvWQTEQIAFwUC0o01FgULBwoDBAMVAwIDFgIBAheAAAOJEB/mTx1BnHds0fMA
n1xd4f7iAe6id42DLg4W3fibsCwsAJ0cT2lf08RhHkT+zLVoubyIDoY6ILQfVghv
bWfzIE1vZXN0bCA8dG1vZQZyZWVU0Qub3JnPOhXBBMRagAXBQI6p09pBQsHCgME
AxUDAgMWAgECF4AACGkQH+ZPHUGcd2z+7gCdF5fq/lebn3/gp4008xP/J0XFbiIA
oKJP186L04qpSNamc/qG3gs7h3DGuQINBDoj/wkQCACl8M80bSTJa0Y4SgoQkKgB
CkJP5ScUpfYV9w3dxKL/77cyfghfYsnAwuA9yXjCjA0F+u+jRf8gS70aHD9H9Mm
pMGq54Aa0KUQaDbL/Jzf5zrKS/RASHzllvYXuZB10IzPfeAIx9u3UaziVEGXJha3
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gWJzzcdd//dkvKp22tNf6C2wq8Bu60cWR81+awgG2otgZjCPUs2Bwhqa5opeUqGn
J+f+PXo6+m2UF21m1vLARENuumu6SXf3XqGIUiQbT6jCdJ0RzwaxeCiMfu0qNnUX
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vV0+UoJMZQ2G+rWRRf4bDfwFoyDw3DsNmUL4yH8m2RptXn0pQtD2riJD8CBCXEP
K95TYT4MOMJ7Szg705/QLngfw0q6QdKRm1vEIP7r6t+UbVNP9+5g9qvz4aqm3beY
pw1QCDHccpDITnltXtdV2SgNpF8JPg7joa0a36AxWwRzfLFyzyw/JGQE8RwJa8BN
iTU0IrkuiF1biRxqiY0887GBA/8QiEYEGBECAAYFAjoJ/wkACGkQH+ZPHUGcd2xN
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=76wN
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.303. Masafumi NAKANE <[max@FreeBSD.org](mailto:max@FreeBSD.org)>

```
pub 1024D/CE356B59 2000-02-19 Masafumi NAKANE <max@wide.ad.jp>
    Key fingerprint = EB40 BCAB 4CE5 0764 9942 378C 9596 159E CE35 6B59
uid                                     Masafumi NAKANE <max@FreeBSD.org>
uid                                     Masafumi NAKANE <max@accessibility.org>
uid                                     Masafumi NAKANE <kd5pdi@qsl.net>
sub 1024g/FA9BD48B 2000-02-19
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.2 (FreeBSD)
```

```
mQGIBDiuMYURBACEgL3d4mL0pojuggj8TZFEQef+MKkXB3lazarqV2ahgWqt6K24qr
```



```

5fZrGkI8vxmYR4Vki1eLfe0Q4LoBZifL5nJYEvMvWpmdLuYjp4iWjgBdzLnwr59+
k8+T/fohGD0qx45voCdQ68Jmxg283zFGQ4FChMP3ZML0PmFRip0lC84xxwCguNFG
BVPeuM0y7JH0ucRygUqc4acD/jfe/UEjGBWx0CfZYOnXEp4NXWis3xRyUD03cuoG
8M8MEmg0dX0onFuNU5yrEBFtzPw2G06DMM8h5hJXdSwkiyusn05PGk/jVSP9/MD5
TYyqKL1tG/fKUgtevZSi7o1x/N0bgIBqmd30Cqx29p7juVV+SBcKCRt1ql0z6fc
a5B6A/wJD5n3H0AStsWpZ6To/Apdb4A3PD4+ePfQxSICsHCFg/M04FkrG48So2qc
7dSq6UH3xLsoiRIUonwCQsT+PaQQMrZNKjfa19xlEFfw1TV/squ+oNE8E24Lkzxt
8Kkn86Ec5uiULRuLSMG9HJuWM+9Qu7TF76FWP81lVp6ELkYCGrQhTWfzYWZ1bWkg
TkFLQU5FIDxtYXhARnJlZUJTRC5vcmc+iFcEEExECABcFAjv4RDQFCwCAwQDFQMC
AxYCAQIXgAAKRCrVlhWezjVrWUEIAKCgWVSawCg1Lzrbf8uZdMAfe0WFXQCcd7EF
tsdHbEV62A0UeQQWP9de100J01hc2FmdW1pIE5BS0F0RSA8bWF4QGfjY2Vzc2li
aWxpdkHkub3JnPohXBMMRAgAXBQI7+ERfBQsHCgMEAxUDAgMwAgECF4AACGkQLZYV
ns41a1lUuwCgsIhWJdtPBebkV6w+NQ/8jlkJgrwAnj9lZkiTAgl1E/vcF7yPbY7f
HlHetCBNYXNhZnVtaSB0QUtBTkUgPGtkNXBkaUBxc2wubmV0PohXBMMRAgAXBQI7
+ESBBQsHCgMEAxUDAgMwAgECF4AACGkQLZYVns41a1nv1ACggYgtKhaprmMs30oz
yoC0NatFJ44AoI0XSPH2G9zHEjF8AyYae6sVCLqvtCBNYXNhZnVtaSB0QUtBTkUg
PG1heEB3awRlLmFkLmpwPohXBMMRAgAXBQI7+EljBQsHCgMEAxUDAgMwAgECF4AA
CgkQLZYVns41a1lYRwCc8l4PdrwHKNrZlTW6vod6kYgR3YAni8iLUZw5Se6nTH9
WuN0XYPPZRG5uQENBDiuMdYQBADVzBBn5+1UQVCL51y6eCD3TidT/uJAr+eeiWZ
IbTmXrltNm5rGs70T9QYNLhCFFPYKJxa9hFbrGpgserEFngBfxcBMLa/wyIm9m/l
MI+NNCAU4IpgDwtgjflkjzwnJPwH69YzcqS2jLEKijKCrEa/Bpr1Nvo4aLvqlTR8
tJh+lwAECwP/YBMEMx/zgTvS3Jtji6nPceRe8icGRHb4SD7MVf/WxYu5VK7wlmuw
9I9WXNhYyAL4c6Q49FAvwhkppByqJFL0txyJ8+nNa6H5mit8m6dcsCMG3NzyvxBP
082h/MwbJn3Xdg89lp4UG3UP8sVl0WyIchd8rqxFk/VEB7fVQWNz/gKIRgQYEQIA
BgUCOK4x1gAKRCrVlhWezjVrWULcAJ467I5lFNlkwCEne5vND+DPaWyreQCfddOu
6Va2/bf7Ln4TKyl17uRro7Y=
=VmY5
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.304. Maho Nakata <maho@FreeBSD.org>

```

pub 1024D/F28B4069 2009-02-09
    Key fingerprint = 3FE4 99A9 6F41 8161 4F5F 240C 8615 A60C F28B 4069
uid Maho NAKATA (NAKATA's FreeBSD.org alias) <maho@FreeBSD.org>
sub 2048g/6B49098E 2009-02-09

```

```

-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGibEmPtPKRBADEcSQQGME+Df6I9jnJUBNMxvX8aMAH0+SKJEn0xTZvu9WLQmJv
Bx1Hh6AN8fD700NFBYGSdAXbbgFnwxc/KPBctXHUxoTE3lRTFRwYJJKIKvrDhFjr
qDWwLJ9TsUn/pDsBflPFfe57okB1PgSywTLGLuur0aT7oda6Z2K0F0iALVwCgn/b2
7R19gm0UkjzsEpejafw6LZMD+wQK4qETffrdqRoVRnzpTa+xa60kQxxsIeibffy
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gwNHA/4+8w5D5gouNWfuykzkoQ2jIFJ4zhe0GCb2MIrqKrf0N40N0cyFLi4eJ8F
W1DAdQbQjfmMLYAkNm7MBpsagTqjS9MniPVygYUure/xMx0tszvWdGdRSjEY/5U
AXoCevBci0meKtM5ZSDb2RP0LezF/z0V82IY3T+0KXTHclSeubQ7TWfobyB0QUtB
VEEGKE5BS0FUQSDzIEZyZWVU0Uqub3JnIGFsaWZfKSA8bWFob0BGcmVlQ1NELm9y
Zz6IYAQTEQIAIAUCSY+0+QIbAwYLCQgHAWIEFQIIAwQWAgMBAh4BAheAAAJEiYV
pgzyi0Bpf4UAnj0qrSHlb4NdW+uLVFu3o8W1hbTKAJwIdn9IS2W9V3ueKsbFqq62
8dPYsbkCDQRJj7T5EAgAuaHr5IuEXaxoUcoZryGZweRs+G20h+jsMIvMABVGMZJ1
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fo1B8/jr9tWw50p+s+KZoMPV/Rdz84AN8bNZVAMxNWxooYrGMxMvEDg3rX8KZW57
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uQI2mM2oEX6oZEDCGwVgOpKzMrui/LAPi8I4Q9A3fH7azEz/BHW6yqLcXfmUrMe
jsGTS/ovpV/dyxqNzsvPt203ZBxSSkSj00M040zB0wADBQf+LVc888G6GxeCJGxp
X+uACx6ziaG02AIVfUWN2KlDEpiChwKf1L4FBE6mKm2l9ZloNyisnL8nvC/lmes
whiTKqiVgB014EDhR7Io1jZQJwpJqWC6HCwED08In20/fI4JX3XiPbUzYSmQSpd0
tMMBVbWk3m8SntaF7cnYrZVGL2oCrBxfBYHxDtxmGnD3q1/me7dixUJLbEHSmj
wXv0RtzMuAdmNuz3RkKekrTHXgqtqYluZwb3VnLRa9T/MxMYMfMA9V8IYw4gQkM0
xEM4U0UuweNyXRU5yuvclQJthhWiw+Yfi9ATzdbnbwh1rwwV0oIhcM4QHBgPhnir
vrn/k4hJBgRAgAJBQJJj7T5AhsMAAJEiYVpgzyi0BppXQAnjkUg0mypyg8bF5kd
ZDVC/M0s8sUfAJwIJuJHTepRSP6qVvKZiXF5TRM2A==
=Rtch

```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.305. Yoichi NAKAYAMA <[yoichi@FreeBSD.org](mailto:yoichi@FreeBSD.org)>

```
pub 1024D/E0788E46 2000-12-28 Yoichi NAKAYAMA <yoichi@assist.media.nagoya-u.ac.jp>
    Key fingerprint = 1550 2662 46B3 096C 0460 BC03 800D 0C8A E078 8E46
uid                               Yoichi NAKAYAMA <yoichi@eken.phys.nagoya-u.ac.jp>
uid                               Yoichi NAKAYAMA <yoichi@FreeBSD.org>
sub 1024g/B987A394 2000-12-28
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
Version: GnuPG v1.0.6 (GNU/Linux)
```

```
Comment: KUHASIKU WA http://www.gnupg.org/ W0 GORANKUDASAI
```

```
mQGiBDpK8uIRBACY5SwFQXiqzDl01k/syoFoiFIFl/Dp+QmwK2oovIvlBVo/1gbx
EhXrKRrfC67KSxxdUsgN290v/VVTmq80py1/RF+RAdxM3JrUfkc5+IBWbSufXFP
i80XBVgh7wNENVtwD52F+0CFIWZXkClaiF4DGkf38V6LJ6hBIycxuNDQwCggXTT
Kj5SP2hFC0ueyQtPD0JEgED/0bPL9R08io82IQks0R9IUy00dFJkLVWLnolLEY
LGjXa/AHgE8L8oWU/2eF1WM4JrtVRdcKe0Ja2e9LuH6IonGAdwqUeeA0wA/RdGj3
63EglH5ugv4rZZKWZ3/piuNXvtq0bhAfl6zBHi5iUB4bgPVoVJGn3VvykPWxdqfX
sT5+A/wIml1lCFMogN3RXY/2Y3JRWeBtUCfdoRjeQPgK8++krm2Pr/AtHgcqNSjI
W0slX4cLou2TEhV3Bhb/4npsdaY0BzYgLV1YggCv0Pu1s2D53Nzi30V66SRP0BZ
0LNTA88WdMfoF3ttb04swSenG9X8dbpyYEdlvNbbKKbUiB0RbQxwW9pY2hpIE5B
S0FZQU1BIDx5b2lJaGLAZWtlbi5waHlzLm5hZ295YS11LmFjLmpwPohXBBMRAGAX
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dy40SxBG/qELtCRZb2lJaGkgTkFLQVLBTUEgPHlvaWNoaUBGcmVlQLNELm9yZz6I
VwQTEQIAfWUCPai4HwULBwoDBAMVAwIDFgIBAheAAAoJEIANDIrgEISGKx0An1kh
KzDAfR7Fzba/V7DHq2BRLCRQAJ9nZFgBncrxFMYAanwJruIYtPnJYhGBBIRAgAG
BQI9qbcxAa0JEBcF0Q7mbJuw4kAn1E2VVFpLajGFYgipCmMgpxRXPmxAKCUa/ee
BEW5LPnf8xhaeIGlatPzm7Q0Ww9pY2hpIE5BS0FZQU1BIDx5b2lJaGLAYXNzaXN0
Lm1lZGhLm5hZ295YS11LmFjLmpwPohXBBMRAGAXBQI9qLhMBQsHCgMEAxUDAGMw
AgECF4AACGkQgA0MiuB4jkYrNQCfUgkHO/ioUTHeBtYJHGeL9qthlnManikYzk6K
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gDmVTJZ5jAhVxFBhRPwchSdPP3ewVRWIRgQYEQIABgUC0kry8QAKCRCADQYK4Hi0
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=NZ/b
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.306. Edward Tomasz Napierała <[trasz@FreeBSD.org](mailto:trasz@FreeBSD.org)>

```
pub 1024D/8E53F00E 2007-04-13
    Key fingerprint = DD8F 91B0 12D9 6237 42D9 DBE1 AFC8 CDE9 8E53 F00E
uid                               Edward Tomasz Napierała <trasz@FreeBSD.org>
sub 2048g/7C1F5D67 2007-04-13
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGiBEYfTV8RBADcVRh6fWX1XI43cTrdJBctC0xf9jZ6eedmhajkpMRhg7b0JPPL
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31EX1Am9d8k+ckUK8tPMNuWm8+ZYjXTJppLg20pIPBRwvmRR/hrHDhMvbwCgLDGC
ZfTHYkv36MFnkPHJH4iaQIkEAKoy+bcy0iJK0iuAx5KeF3CxP53Nd4sbsHKcbibP
OsWJJKUHLPLVTs6bUvM6RH+zUH0eWpXmgNvZTsvmoLU/E0I80BN5ngd0wV7oqeAk
V03iltsBGIEbv5B0xxYdyQBuo52LV5CGZ7F65o1jGF8LwfZbtPh02gTmhYymmLeV
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```

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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.307. Neel Natu <neel@FreeBSD.org>

```
pub  2048R/8E023181B17DA72B 2014-09-25 [expires: 2017-09-24]
      Key fingerprint = 1251 B214 E559 D763 A12C 96F4 8E02 3181 B17D A72B
uid   Neel Natu <neel@freebsd.org>
sub   2048R/1F906913DB152E10 2014-09-25 [expires: 2017-09-24]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.308. David Naylor <dbn@FreeBSD.org>

```
pub  rsa4096/35C84A0DEC1D97CD 2014-03-06 [SC] [expires: 2019-03-05]
      Key fingerprint = A372 D3E1 D587 2D99 A5FF F243 35C8 4A0D EC1D 97CD
```

```
uid          David Naylor (FreeBSD) <dbn@FreeBSD.org>
uid          David Naylor (Private) <naylor.b.david@gmail.com>
sub  rsa4096/AD63FA8DD6B2DA55 2014-03-06 [S] [expires: 2017-03-13]
      Key fingerprint = 948E C511 A27F 0302 E799 B53A AD63 FA8D D6B2 DA55
sub  rsa4096/88D62359F19D95D0 2014-03-06 [E] [expires: 2017-03-13]
      Key fingerprint = A198 8E3A 1A14 66C7 ADE2 13F2 88D6 2359 F19D 95D0
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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VCmEtjrW87n1hBXwFZy1UtVl+EoPScvbZC0E04Q7Bi0eFBZQq5vUUhW/+9LtaW4CU
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Gm8Q07Cp9i2PmAdkifp/UEu8i0cW0/LB0Pv0ZJVLd9qTxGTyVN8exIpVdXwNyyVB
cyRQcynhLcINTk0AbUultJW6Wzv0gb2a5USRatZfsYosM3UznLE3Ck9GNCsmxLUf
hHtzAp+x20dFa8j/ByshkodgDmWFL1BCqQICHa2ie04GJ3gJvKwXK/3sMDBhXt29
P1BNzLINMHNr0/QadRNR+eJictGAW67Brp9HuQhggNluXpqaKrpTC+aJP0oigdb6
Vvh5izlbe/ZE/5Af
=fSAf
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.309. Alexander Nedotsukov <bland@FreeBSD.org>

```
pub 1024D/D004116C 2003-08-14 Alexander Nedotsukov <bland@FreeBSD.org>
Key fingerprint = 35E2 5020 55FC 2071 4ADD 1A4A 86B6 8A5D D004 116C
sub 1024g/1CCA8D46 2003-08-14
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGiBD87t0ARBACKfv0/19ar/kUNsj2vL+APjo/cx0A0bubEmaPhwNuL0jtafdNm
/pUULYi28LDVDxQJ8UM1voqrCcue+finCyy+k2L0nR37tLU44t/+GH4gq4y2xL7S
o/D5DqHDA0cTDAIQCbD/rj3Z7nJw2Vkn3tAwZ6NUXV70dLS+csbpJIjmwCg0HB1
tzahpgegUe5XauCly+NXNMMD/3UcnNA7kBKSMcu0Vq7TtkqYyVQZPorok3yYcAZL
Yo4WoPEyjtLD/ZpZVysQiSMxLXRHjsEbMAMZL7Tx/Sav01XUiBHBGDHXaWwVdqm
efxtBeoG7MzXAAxBLfcSeV0bjkd9oGWW/inHrL0NgEljZQq01kbIEb5asooyT18v
vZgjA/9l8xZd0lSjv7Ct+VGrFMStMmpBCn7IRSjeJRq2pNe0pbJtzXAnAwyrB62X
gF6n7ONKdLk/WPihRdfrc4BZnNIWZU0q5P11r0ENQEnToprA0YebhmS6cY0lX0SR
M00HVTtgzNVWdy9h+u0obicBSHPH2La7KGnFRtMb6pZFg5Y2LQoQWxleGFuZGVy
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```



```
L1xFjIOGEyM5vFvn5xP2Lib0I7hUH+cMDaWkBgrSLqsI7k6P3HSTVWpkKUTl+vJe
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=bcPN
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.310. George V. Neville-Neil <[gnn@FreeBSD.org](mailto:gnn@FreeBSD.org)>

```
pub 1024D/440A33D2 2002-09-17
    Key fingerprint = AF66 410F CC8D 1FC9 17DB 6225 61D8 76C1 440A 33D2
uid George V. Neville-Neil <gnn@freebsd.org>
uid George V. Neville-Neil <gnn@neville-neil.com>
sub 2048g/95A74F6E 2002-09-17
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGIBD2Gwe4RBACw78PVfE2fA9U0mISJrV1ohjdkzVTly0WQ/YwMgyB/J/Z/M35G
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X3Wlc4He8b3kzWbWK0z81XE8Z7ip0Io13LHhamLp1P1eDX4sWKQpJmdRtHzic9R6
4GwW9P7aCUCCf91XxaYEU2j755u1Zby3gF1tbookw0liXQERYuo3ZHezH1bkdrK2
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bGUtTmVpbCA8Z25uQG5ldmlsbGUtbnVpbC5jb20+iFkEEExECABkFAj2G
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aCpC
=Sot0
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.311. Simon L. B. Nielsen <[simon@FreeBSD.org](mailto:simon@FreeBSD.org)>

```
pub 1024D/FF7490AB 2007-01-14
    Key fingerprint = 4E92 BA8D E45E 85E2 0380 B264 049C 7480 FF74 90AB
uid Simon L. Nielsen <simon@FreeBSD.org>
uid Simon L. Nielsen <simon@nitro.dk>
sub 2048g/E3F5A76E 2007-01-14
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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mQGIBEWqLYARBADUGeAhYK73qi4nXV01DfCVKqzWZw0LDYXv3mVQ074Y41hP7QV4
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=ggbj
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.312. Robert Noland <[rnoLand@FreeBSD.org](mailto:rnoLand@FreeBSD.org)>

```
pub 1024D/8A9F44E3 2007-07-24
Key fingerprint = 107A 0C87 E9D0 E581 677B 2A28 3384 EB43 8A9F 44E3
uid Robert C. Noland III <rnoLand@FreeBSD.org>
uid Robert C. Noland III (Personal Key) <rnoLand@2hip.net>
sub 2048g/76C3CF00 2007-07-24
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
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niwuFou7zDg3AJGyf1MeuFaZ1r9uQINBEamZvMQCAC0vnyHYPRaWC7fFfrdqGxj
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X20orSA/UKJe59Rc7sG0Hf7uFoVByqsWQ/yesRmVsJxMNFNGMz1ekKFKHop7xcAj
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```

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AAMFB/9J9p0fPljyE3D0jy2azVr41mK7FG32FBpz4S1SIEq8DAz90I+XuCoXd20L
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=bQIC
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.313. Anders Nordby <anders@FreeBSD.org>

```
pub 1024D/00835956 2000-08-13 Anders Nordby <anders@fix.no>
    Key fingerprint = 1E0F C53C D8DF 6A8F EAAD 19C5 D12A BC9F 0083 5956
uid                                Anders Nordby <anders@FreeBSD.org>
sub 2048g/4B160901 2000-08-13
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

mQGIBDmXNAsRBAD0WcmPy11DRvDsEpadBPCATmPrvAImfj5XjcxBAJlBJoc9fiq4
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=clge
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.314. Michael Nottebrock <lofi@FreeBSD.org>

```
pub 1024D/6B2974B0 2002-06-06 Michael Nottebrock <michaelnottebrock@gmx.net>
    Key fingerprint = 1079 3C72 0726 F300 B8EC 60F9 5E17 3AF1 6B29 74B0
uid                                Michael Nottebrock <lofi@freebsd.org>
uid                                Michael Nottebrock <lofi@tigress.com>
uid                                Michael Nottebrock <lofi@lofi.dyndns.org>
uid                                Michael Nottebrock <michaelnottebrock@web.de>
uid                                Michael Nottebrock <michaelnottebrock@meitner.wh.uni-
dortmund.de>
sub 1024g/EF652E04 2002-06-06 [expires: 2004-06-15]
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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**3.316. Jimmy Olgeni <olgeni@FreeBSD.org>**

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pub 4096R/FCDB3E82F778D8D7 2013-11-10 [expires: 2017-04-25]
    Key fingerprint = EE37 B427 91C5 7707 EC54 064A FCDB 3E82 F778 D8D7
uid                               Jimmy Olgeni <olgeni@FreeBSD.org>
sub 4096R/4B2EC123F42A1D2C 2013-11-10 [expires: 2017-04-25]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.317. Phil Shafer <[phil@FreeBSD.org](mailto:phil@FreeBSD.org)>

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pub   rsa2048/199B04AAB9FC8BC1 2015-12-30 [expires: 2018-12-29]
      Key fingerprint = C481 6D81 839D FABB 6E51 368E 199B 04AA B9FC 8BC1
uid   Phil Shafer <phil@freebsd.org>
uid   Phil Shafer <phil@juniper.net>
sub   rsa2048/393DFA173468E663 2015-12-30 [expires: 2018-12-29]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.318. Philip Paeps <[philip@FreeBSD.org](mailto:philip@FreeBSD.org)>

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pub   rsa2048/31AEB9B5FDBBCB0E 2015-06-14 [expires: 2018-06-13]
      Key fingerprint = 2CD1 92C2 6EE7 B7D1 F552 6619 31AE B9B5 FDBB CB0E
uid   Philip Paeps <philip@trouble.is>
uid   Philip Paeps <philip@freebsd.org>
uid   Philip Paeps <philip@nixsys.be>
sub   rsa2048/7C62BC4776C9F29E 2015-06-14 [expires: 2017-06-29]
sub   rsa2048/935DB8343AF25C94 2015-06-14 [expires: 2017-06-29]
sub   rsa2048/CF632544136DF54 2015-06-14 [expires: 2017-06-29]
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### 3.319. Josh Paetzel <jpaetzel@FreeBSD.org>

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### 3.320. Gábor Páli <[pgj@FreeBSD.org](mailto:pgj@FreeBSD.org)>

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pub 4096R/6D7E445C 2013-06-14 [expires: 2018-06-13]
Key fingerprint = 7AD5 76BA AF2D 14B9 6D45 440B C013 309D 6D7E 445C
uid Páli Gábor János (Primary identity) <pali.gabor@gmail.com>
uid Páli Gábor János (Eötvös Loránd University) <pgj@inf.elte.hu>
uid Gabor Pali (FreeBSD committer) <pgj@FreeBSD.org>
uid Páli Gábor János (Magyar BSD Egyesület) <pgj@bsd.hu>
uid Páli Gábor János (Eötvös Loránd University) <pgj@elte.hu>
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.321. Hiren Panchasara <[hiren@FreeBSD.org](mailto:hiren@FreeBSD.org)>

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pub 2048R/8B9250E1563EDFE5 2014-05-13 [expires: 2017-05-12]
    Key fingerprint = A4E2 0FA1 D878 8F3F 17E6 6F02 8B92 50E1 563E DFE5
uid                               hiren panchasara <hiren@freebsd.org>
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### 3.322. Hiten Pandya <[hmp@FreeBSD.org](mailto:hmp@FreeBSD.org)>

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pub 1024D/938CACA8 2004-02-13 Hiten Pandya (FreeBSD) <hmp@FreeBSD.org>
    Key fingerprint = 84EB C75E C75A 50ED 304E E446 D974 7842 938C ACA8
uid                               Hiten Pandya <hmp@backplane.com>
sub 2048g/783874B5 2004-02-13
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### 3.323. Dima Panov <fluffy@FreeBSD.org>

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uid       Dima Panov (FreeBSD.ORG Committer) <fluffy@FreeBSD.ORG>
uid       Dima Panov (at home) <fluffy@fluffy.khv.ru>
uid       Dima Panov (at home) <fluffy.khv@gmail.com>
sub       2048g/89047419 2006-11-08

pub      4096R/D5398F29 2009-08-09
          Key fingerprint = 2D30 2CCB 9984 130C 6F87 BAFB FB8B A09D D539 8F29
uid       Dima Panov (FreeBSD.ORG Committer) <fluffy@FreeBSD.ORG>
uid       Dima Panov (at Home) <fluffy@fluffy.khv.ru>
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### 3.324. Andrew Pantyukhin <sat@FreeBSD.org>

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pub 1024D/6F38A569 2006-05-06
    Key fingerprint = 4E94 994A C2EF CB86 C144 3B04 3381 67C0 6F38 A569
uid Andrew Pantyukhin <infofarmer@gubkin.ru>
uid Andrew Pantyukhin <sat@FreeBSD.org>
uid Andrew Pantyukhin <infofarmer@gmail.com>
uid Andrew Pantyukhin <infofarmer@mail.ru>
sub 2048g/5BD4D469 2006-05-06
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.325. Navdeep Parhar <[np@FreeBSD.org](mailto:np@FreeBSD.org)>

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pub 1024D/ACAB8812 2009-06-08
Key fingerprint = C897 7AFB AFC0 4DA9 7B76 D991 CAB2 2B93 ACAB 8812
uid Navdeep Parhar <np@FreeBSD.org>
sub 2048g/AB61D2DC 2009-06-08
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.326. Roger Pau Monné <[royger@FreeBSD.org](mailto:royger@FreeBSD.org)>

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pub 2048R/A5D976A532BA64C0 2012-07-10
Huella de clave = F443 1572 D188 7D22 3605 A2A6 A5D9 76A5 32BA 64C0
uid Roger Pau Monné <royger@FreeBSD.org>
uid Roger Pau Monné <royger@NetBSD.org>
uid Roger Pau Monné <royger@citrix.com>
uid Roger Pau Monné <royger@entel.upc.edu>
uid Roger Pau Monné <royger@FreeBSD.org>
uid Roger Pau Monné <royger@NetBSD.org>
sub 2048R/6927D92634ED085B 2012-07-10
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.327. Rui Paulo <[rpaulo@FreeBSD.org](mailto:rpaulo@FreeBSD.org)>

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pub      4096R/39CB4153 2010-02-03
Key fingerprint = ABE8 8465 DE8F F04D E9C8 3FF6 AF89 B2E6 39CB 4153

```



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uid          Rui Paulo <rpaulo@FreeBSD.org>
uid          Rui Paulo <rpaulo@gmail.com>
sub 4096R/F87D2F34 2010-02-03
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### 3.328. Jean-Sébastien Pédrón <dumbbell@FreeBSD.org>

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pub 4096R/D938F9C86816981C 2014-01-14 [expires: 2017-01-16]
    Key fingerprint = D72F 4B84 7098 9244 20E6 2B93 D938 F9C8 6816 981C
uid Jean-Sébastien Pédrón <jean-sebastien.pedron@dumbbell.fr>
uid Jean-Sébastien Pédrón <dumbbell@FreeBSD.org>
sub 4096R/A185D28321B02B03 2014-01-14 [expires: 2017-01-16]
    Key fingerprint = FDC4 0948 8453 5198 3EA1 5F56 A185 D283 21B0 2B03
sub 4096R/39E99761A5FD94CC 2014-01-14 [expires: 2017-01-16]
    Key fingerprint = 6708 7FD1 AEAE 0E12 DBC6 A6F0 39E9 9761 A5FD 94CC
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### 3.329. Mark Peek <mp@FreeBSD.org>

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pub 4096R/4EE524FA96F4534E 2014-02-07 [expires: 2016-02-20]
    Key fingerprint = 8A12 DC54 2EBD BB37 015F B102 4EE5 24FA 96F4 534E
uid                                     Mark Peek <mark@peek.org>
uid                                     Mark Peek <markpeek@gmail.com>
uid                                     Mark Peek <mp@FreeBSD.org>
uid                                     Mark Peek <markpeek@keybase.io>
sub 4096R/F2A0C29D400364D8 2014-02-07 [expires: 2016-02-20]

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Comment: GPGTools - <http://gpgtools.org>

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### 3.330. Peter Pentchev <roam@FreeBSD.org>

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pub 1024D/16194553 2002-02-01
Key fingerprint = FD8A FD79 C26F 3C51 C95E DF9E ED18 B68D 1619 4553
uid Peter Pentchev <roam@ringlet.net>
uid Peter Pentchev <roam@cnsys.bg>
uid Peter Pentchev <roam@sbn.net>
uid Peter Pentchev <roam@online.bg>
uid Peter Pentchev <roam@orbitel.bg>
uid Peter Pentchev <roam@FreeBSD.org>
uid Peter Pentchev <roam@techlab.office1.bg>
uid Peter Pentchev <roam@hoster.bg>
uid Peter Pentchev <roam@space.bg>
sub 1024g/7074473C 2002-02-01
pub 4096R/2527DF13 2009-10-16
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Key fingerprint = 2EE7 A7A5 17FC 124C F115 C354 651E EFB0 2527 DF13
uid      Peter Pentchev <roam@ringlet.net>
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uid      Peter Pentchev <roam@cpan.org>
uid      Peter Pentchev <roam@cnsys.bg>
uid      Peter Pentchev <roam@sbn.net>
uid      Peter Pentchev <roam@online.bg>
uid      Peter Pentchev <roam@orbitel.bg>
uid      Peter Pentchev <roam@FreeBSD.org>
uid      Peter Pentchev <roam@techlab.office1.bg>
uid      Peter Pentchev <roam@hoster.bg>
uid      Peter Pentchev <roam@space.bg>
uid      Peter Pentchev <roam-guest@alioth.debian.org>
uid      Peter Pentchev <ppentchev@alumni.princeton.edu>
sub      4096R/D0B337AA 2009-10-16

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.331. Denis Peplin <den@FreeBSD.org>

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pub 1024D/485DDDF5 2003-09-11 Denis Peplin <den@FreeBSD.org>
Key fingerprint = 495D 158C 8EC9 C2C1 80F5 EA96 6F72 7C1C 485D DDF5
sub 1024g/E70BA158 2003-09-11
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.332. Christian S.J. Peron <csjp@FreeBSD.org>

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pub 1024D/033FA33C 2009-05-16
Key fingerprint = 74AA 6040 89A7 936E D970 DDC0 CC71 6954 033F A33C
uid Christian S.J. Peron <csjp@FreeBSD.ORG>
sub 2048g/856B194A 2009-05-16
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.333. Gerald Pfeifer <gerald@FreeBSD.org>

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pub 1024D/A5B3A004745C015A 1999-11-09
    Key fingerprint = B215 C163 3BCA 0477 615F 1B35 A5B3 A004 745C 015A
uid Gerald Pfeifer <gerald@pfeifer.com>
uid Gerald Pfeifer <gp@suse.com>
uid Gerald Pfeifer <gp@novell.com>
uid Gerald Pfeifer <gerald@FreeBSD.org>
sub 1536g/00EAD7F3F0156927 1999-11-09
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### 3.334. Giuseppe Pilichi <jacula@FreeBSD.org>

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.335. John Polstra <jdp@FreeBSD.org>

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pub 1024R/BFBCF449 1997-02-14 John D. Polstra <jdp@polstra.com>
Key fingerprint = 54 3A 90 59 6B A4 9D 61 BF 1D 03 09 35 8D F6 0D
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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### 3.336. Kirill Ponomarew <krion@FreeBSD.org>

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pub 1024D/AEB426E5 2002-04-07
Key fingerprint = 58E7 B953 57A2 D9DD 4960 2A2D 402D 46E9 AEB4 26E5
uid Kirill Ponomarew <krion@voodoo.bawue.com>
uid Kirill Ponomarew <krion@guug.de>
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uid          Kirill Ponomarew <kron@FreeBSD.org>
sub 1024D/05AC7CA0 2006-01-30 [expires: 2008-01-30]
sub 2048g/C3EE5537 2006-01-30 [expires: 2008-01-30]
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### 3.337. Stephane E. Potvin <sepotvin@FreeBSD.org>

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pub 1024D/3097FE7B 2002-08-06
    Key fingerprint = 6B56 62FA ADE1 6F46 BB62 8B1C 99D3 97B5 3097 FE7B
uid          Stephane E. Potvin <sepotvin@videotron.ca>
uid          Stephane E. Potvin <stephane.potvin@telcobridges.com>
uid          Stephane E. Potvin <stephane_potvin@telcobridges.com>
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sub 2048g/0C427BC9 2002-08-06

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### 3.338. Mark Pulford <markp@FreeBSD.org>

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pub 1024D/182C368F 2000-05-10 Mark Pulford <markp@FreeBSD.org>
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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.339. Alejandro Pulver <[alepulver@FreeBSD.org](mailto:alepulver@FreeBSD.org)>

```

pub      1024D/945C3F61 2005-11-13
          Key fingerprint = 085F E8A2 4896 4B19 42A4  4179 895D 3912 945C 3F61
uid      Alejandro Pulver (Ale's GPG key pair) <alepulver@FreeBSD.org>
uid      Alejandro Pulver (Ale's GPG key pair) <alejandrov@varnet.biz>
sub      2048g/6890C6CA 2005-11-13

```

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### 3.340. Kristof Provost <[kp@FreeBSD.org](mailto:kp@FreeBSD.org)>

```

pub      rsa2048/6FC4DC71FB5E4A46 2015-03-23 [expires: 2018-03-22]
          Key fingerprint = 86FB A6CE 751B B4CC 9A0E  5172 6FC4 DC71 FB5E 4A46
uid      Kristof Provost <kp@freebsd.org>
sub      rsa2048/7287BC16FB5B8FA1 2015-03-23 [expires: 2018-03-22]

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### 3.341. Thomas Quinot <thomas@FreeBSD.org>

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pub 4096R/9495D5E10F2C905E 2014-05-14 [expires: 2018-05-13]
Key fingerprint = 6048 5466 BE2C 284C C140 FFE9 9495 D5E1 0F2C 905E
uid Thomas Quinot <thomas@quinot.org>
uid Thomas Quinot <thomas@cuivre.fr.eu.org>
uid Thomas Quinot (FreeBSD) <thomas@freebsd.org>
sub 4096R/DF8E0B5C7CC62EF2 2014-05-14 [expires: 2016-05-13]
sub 4096R/4FC12CCCDF5176B 2014-05-14 [expires: 2016-05-13]
sub 4096R/4B31C02F7F15353F 2014-05-14 [expires: 2016-05-13]

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.342. Herve Quiroz <hq@FreeBSD.org>

```
pub 1024D/85AC8A80 2004-07-22 Herve Quiroz <hq@FreeBSD.org>
Key fingerprint = 14F5 BC56 D736 102D 41AF A07B 1D97 CE6C 85AC 8A80
uid Herve Quiroz <herve.quiroz@esil.univ-mrs.fr>
sub 1024g/8ECCAFED 2004-07-22
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mQGiBED/zxERBADJcZLF+Rzm8wL5lPTTPA1zLwa9u4ZZeVheS9vRGTOC6Sfi2NV9
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### 3.343. Doug Rabson <[df@FreeBSD.org](mailto:df@FreeBSD.org)>

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pub  2048R/D841102E0B753B2F 2015-04-25 [expires: 2018-04-24]
      Key fingerprint = 9083 9CD0 6235 A655 70E2 A65A D841 102E 0B75 3B2F
uid      Doug Rabson <df@freebsd.org>
sub  2048R/FCC3E849854E03FC 2015-04-25 [expires: 2018-04-24]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.344. Muhammad Moinur Rahman <[bofh@FreeBSD.org](mailto:bofh@FreeBSD.org)>

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pub  rsa4096/BDB9B5A617C0BC91 2014-12-17 [expires: 2017-12-17]
      Key fingerprint = 4DF7 5112 8506 8D06 4A05 2F9F BDB9 B5A6 17C0 BC91
uid      Muhammad Moinur Rahman <5u623l20@gmail.com>
uid      Muhammad Moinur Rahman (Official) <moin@lasia-ahl.com>
uid      Muhammad Moinur Rahman (FreeBSD) <bofh@freebsd.org>
sub  rsa4096/3D4FC5F1173A113A 2014-12-17 [expires: 2017-12-17]
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### 3.345. Lars Balkar Rasmussen <[lbr@FreeBSD.org](mailto:lbr@FreeBSD.org)>

pub 1024D/9EF6F27F 2006-04-30



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Key fingerprint = F251 28B7 897C 293E 04F8 71EE 4697 F477 9EF6 F27F
uid          Lars Balkar Rasmussen <lbr@FreeBSD.org>
sub          2048g/A8C1CFD4 2006-04-30

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=6byw

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-----END PGP PUBLIC KEY BLOCK-----

### 3.346. Chris Rees <[crees@FreeBSD.org](mailto:crees@FreeBSD.org)>

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pub      2048R/900F45A61E12E96A 2012-08-26
Key fingerprint = 8C57 BE3B D320 5FFC C4C3 C0B0 900F 45A6 1E12 E96A
uid      Chris Rees <crees@physics.org>
uid      Chris Rees <crees@FreeBSD.org>
sub      2048R/A703CC3500749D52 2015-03-08 [expires: 2018-03-07]
sub      2048R/D589B12E85B13424 2015-03-08 [expires: 2018-03-07]

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.347. Jim Rees <rees@FreeBSD.org>

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pub      512/B623C791 1995/02/21 Jim Rees <rees@umich.edu>
Key fingerprint = 02 5F 1B 15 B4 6E F1 3E F1 C5 E0 1D EA CC 17 88
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Version: GnuPG v1.0.7 (OpenBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.348. Michael Reifenberger <[mr@FreeBSD.org](mailto:mr@FreeBSD.org)>

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pub 4096R/335E9D48E27A80A0 2013-11-04 [verfällt: 2018-11-03]
    Schl.-Fingerabdruck = 8695 9903 4744 6EF8 E18D 177C 335E 9D48 E27A 80A0
uid Michael Reifenberger <mr@freebsd.org>
uid Michael Reifenberger <mike@reifenberger.com>
sub 4096R/898AF56CFE7CD649 2013-11-04 [verfällt: 2018-11-03]
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.349. Benedict Reuschling <bcr@FreeBSD.org>

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pub  rsa4096/733FB585F27758FE 2015-05-22 [expires: 2018-05-21]
      Key fingerprint = 99B8 FF96 65FF 8980 3F58 DB55 733F B585 F277 58FE
uid          Benedict Reuschling <bcr@FreeBSD.org>
sub  rsa4096/C04F357C5C6E5363 2015-05-22 [expires: 2018-05-21]

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.350. Tom Rhodes <[trhodes@FreeBSD.org](mailto:trhodes@FreeBSD.org)>

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pub 1024D/FB7D88E1 2008-05-07
Key fingerprint = 8279 3100 2DF2 F00E 7FDD AC2C 5776 23AB FB7D 88E1
uid Tom Rhodes (trhodes) <trhodes@FreeBSD.org>
sub 4096g/7B0CD79F 2008-05-07

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Version: GnuPG v2.0.9 (FreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.351. Benno Rice <[benno@FreeBSD.org](mailto:benno@FreeBSD.org)>

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pub 4096R/B8DAD01271A4B35E 2013-11-23 [expires: 2017-11-23]
    Key fingerprint = 01FE FD73 9E5B 6F14 5FCB 47F5 B8DA D012 71A4 B35E
uid                               Benno Rice <benno@jeamland.net>
uid                               Benno Rice <benno@FreeBSD.org>
sub 4096R/9AE831D60E72927F 2013-11-23 [expires: 2017-11-23]
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Comment: GPGTools - <http://gpgtools.org>

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### 3.352. Beech Rintoul <[beech@FreeBSD.org](mailto:beech@FreeBSD.org)>

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pub 2048D/68DFAE1F 2013-02-26
    Key fingerprint = D58B 3E9D B0E3 E081 EC6F 69D9 CDA3 51DD 68DF AE1F
uid                               Beech Rintoul <beech@freebsd.org>
sub 2048g/960F45D9 2013-02-26

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### 3.353. Matteo Rionato <[matteo@FreeBSD.org](mailto:matteo@FreeBSD.org)>

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pub 1024D/1EC56BEC 2003-01-05 [expires: 2009-09-07]
    Key fingerprint = F0F3 1B43 035D 65B1 08E9 4D66 D8CA 78A5 1EC5 6BEC
uid Matteo Riondato (Rionda) <matteo@FreeBSD.ORG>
uid Matteo Riondato (Rionda) <rionda@riondabsd.net>
uid Matteo Riondato (Rionda) <rionda@gufi.org>
uid Matteo Riondato (Rionda) <matteo@riondato.com>
uid Matteo Riondato (Rionda) <rionda@riondato.com>
uid Matteo Riondato (Rionda) <rionda@FreeSBIE.ORG>
uid Matteo Riondato (Rionda) <rionda@autistici.org>
sub 2048g/87C44A55 2008-09-23 [expires: 2009-09-23]

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### 3.354. Ollivier Robert <[roberto@FreeBSD.org](mailto:roberto@FreeBSD.org)>

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.355. Craig Rodrigues <rodrigc@FreeBSD.org>

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pub      1024D/3998479D 2005-05-20
          Key fingerprint = F01F EBE6 F5C8 6DC2 954F 098F D20A 8A2A 3998 479D
uid      Craig Rodrigues <rodrigc@freebsd.org>
uid      Craig Rodrigues <rodrigc@crodrigues.org>
sub      2048g/AA77E09B 2005-05-20
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### 3.356. Bartek Rutkowski <robak@FreeBSD.org>

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pub      4096R/280E1199 2013-06-17 [expires: 2017-06-17]
          Key fingerprint = D292 1363 AE61 D2BE 1740 9ED2 D99F C356 280E 1199
uid      Bartek Rutkowski <robak@freebsd.org>
uid      Bartek Rutkowski <contact@robakdesign.com>
uid      Bartek Rutkowski <r@robakdesign.com>
sub      4096R/36F01FFE 2013-06-17 [expires: 2017-06-17]
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660

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### 3.357. Guido van Rooij <[guido@FreeBSD.org](mailto:guido@FreeBSD.org)>

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pub 1024R/599F323D 1996-05-18 Guido van Rooij <guido@gvr.org>
Key fingerprint = 16 79 09 F3 C0 E4 28 A7 32 62 FA F6 60 31 C0 ED
uid Guido van Rooij <guido@gvr.win.tue.nl>

pub 1024D/A95102C1 2000-10-25 Guido van Rooij <guido@madison-gurkha.nl>
Key fingerprint = 5B3E 51B7 0E7A D170 0574 1E51 2471 117F A951 02C1
uid Guido van Rooij <guido@madison-gurkha.com>
sub 1024g/A5F20553 2000-10-25
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Version: GnuPG v1.0.6 (FreeBSD)
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Comment: For info see http://www.gnupg.org
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### 3.358. Eugene Ryabinkin <rea@FreeBSD.org>

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pub 3072D/8152ECFB 2010-10-27
    Key fingerprint = 82FE 06BC D497 C0DE 49EC 4FF0 16AF 9EAE 8152 ECFB
uid      Eugene Ryabinkin <rea-fbsd@codelabs.ru>
uid      Eugene Ryabinkin <rea@freebsd.org>
uid      Eugene Ryabinkin <rea@codelabs.ru>
sub 3072g/5FC03749 2010-10-27
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### 3.359. Aleksandr Rybalko <ray@FreeBSD.org>

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pub  2048R/4B7B7A4E 2011-05-24
      Key fingerprint = BB9F D01D 7327 0B33 B2F5 6C72 EC49 E6ED 4B7B 7A4E
uid      Aleksandr Rybalko (Aleksandr Rybalko FreeBSD project u
identification) <ray@freebsd.org>
sub  2048R/99F9F9EF 2011-05-24

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### 3.360. Andrew Rybchenko <arybchik@FreeBSD.org>

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pub  2048R/BB509584A3F4AEE6 2014-12-26 [expires: 2017-12-25]
      Key fingerprint = C2E0 7B36 3A25 75E5 75EB FF79 BB50 9584 A3F4 AEE6
uid      Andrew Rybchenko <arybchenko@solarflare.com>
uid      Andrew Rybchenko <arybchik@FreeBSD.org>
uid      Andrew Rybchenko <Andrew.Rybchenko@oktetlabs.ru>
uid      Andrew Rybchenko <arybchik@gmail.com>
sub  2048R/BB28B694A902C314 2014-12-26 [expires: 2017-12-25]

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.361. Niklas Saers <[niklas@FreeBSD.org](mailto:niklas@FreeBSD.org)>

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pub 1024D/C822A476 2004-03-09 Niklas Saers <niklas@saers.com>
Key fingerprint = C41E F734 AF0E 3D21 7499 9EB1 9A31 2E7E C822 A476
sub 1024g/81E2FF36 2004-03-09

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pub 4096R/960E20B03A3F6D28 2013-11-22 [expires: 2018-11-21]
Key fingerprint = 8848 3672 3C1B C02B EA0B 5674 960E 20B0 3A3F 6D28
uid Boris Samorodov <bsam@FreeBSD.org>
uid Boris Samorodov <bsam@passap.ru>
sub 4096R/41BFAE676CF00B2D 2013-11-22 [expires: 2018-11-21]
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### 3.363. Mark Santcroos <marks@FreeBSD.org>

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pub      1024D/DBE7EB8E 2005-03-08
          Key fingerprint = C0F0 44F3 3F15 520F 6E32  186B BE0A BA42 DBE7 EB8E
uid      Mark Santcroos <marks@ripe.net>
uid      Mark Santcroos <mark@santcroos.net>
uid      Mark Santcroos <marks@freebsd.org>
sub      2048g/FFF80F85 2005-03-08
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### 3.364. Alonso Schaich <[alonso@FreeBSD.org](mailto:alonso@FreeBSD.org)>

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pub 2048R/FF8F6B6D0AACFC67 2014-08-27 [expires: 2017-08-26]
    Key fingerprint = FED5 7BC8 DEB9 94D9 B52C 0A35 FF8F 6B6D 0AAC FC67
uid                               Alonso Schaich <alonso@freebsd.org>
sub 2048R/34F58C3CB680DE68 2014-08-27 [expires: 2017-08-26]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.365. Bernhard Schmidt <[bschmidt@FreeBSD.org](mailto:bschmidt@FreeBSD.org)>

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pub 1024D/5F754FBC 2009-06-15
    Key fingerprint = 6B87 C8A9 6BA5 6B18 11CF 8C38 A1B7 0731 5F75 4FBC
uid                               Bernhard Schmidt <bschmidt@FreeBSD.org>
uid                               Bernhard Schmidt <bschmidt@techwires.net>
sub 1024g/1945DC1D 2009-06-15
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### 3.366. Wolfram Schneider <wosch@FreeBSD.org>

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Type Bits/KeyID      Date      User ID
pub 1024/2B7181AD 1997/08/09 Wolfram Schneider <wosch@FreeBSD.org>
Key fingerprint = CA 16 91 D9 75 33 F1 07 1B F0 B4 9F 3E 95 B6 09
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Version: 2.6.3ia
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.367. Ed Schouten <ed@FreeBSD.org>

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pub 2048R/A407DC0D9F74246B 2016-03-03 [expires: 2021-03-02]
Key fingerprint = F8CB 2A43 4CCA AEE7 F0BF 64A7 A407 DC0D 9F74 246B
uid Ed Schouten (FreeBSD, https://freebsd.org/) <ed@freebsd.org>
uid Ed Schouten (Nuxi, https://nuxi.nl/) <ed@nuxi.nl>
sub 2048R/66C17FAB03333635 2016-03-03 [expires: 2021-03-02]
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.368. Cy Schubert <cy@FreeBSD.org>

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pub 1024D/CC81BA38D8BFCD8E 2000-01-08
Key fingerprint = 8F40 99AC E9E3 7AB7 CB26 AF0C CC81 BA38 D8BF CD8E
uid Cy Schubert <Cy.Schubert@komquats.com>
uid Cy Schubert <cy@komquats.com>
uid Cy Schubert <cy@FreeBSD.org>
uid Cy Schubert <Cy.Schubert@cshubert.com>
uid Cy Schubert <cy@cshubert.com>
uid Cy Schubert <Cy.Schubert@vibsd.org>
uid Cy Schubert <cy@vibsd.org>
uid Cy Schubert <Cy.Schubert@vibsd.net>
uid Cy Schubert <cy@vibsd.net>
sub 3072g/F1FECA6C86D691BA 2000-01-08
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524sgpJrfRar9cN6ZLJynd0EAMX0mKChoiFp5/+EqFXyHuLfuUCUi0cNwr/TRT4h
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.369. David Schultz <das@FreeBSD.org>

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pub 1024D/BE848B57 2001-07-19 David Schultz <das@FreeBSD.ORG>
Key fingerprint = 0C12 797B A9CB 19D9 FDAF 2A39 2D76 A2DB BE84 8B57
uid David Schultz <dschultz@uclink.Berkeley.EDU>
uid David Schultz <das@FreeBSD.ORG>
sub 2048g/69206E8E 2001-07-19

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.370. Michael Scheidell <[scheidell@FreeBSD.org](mailto:scheidell@FreeBSD.org)>

```

pub  2048R/34622C1D 2011-11-16
      Key fingerprint = 0A0C 9ECA 18EC 47AC C715 2187 91B9 F9FE 3462 2C1D
uid      Michael Scheidell <scheidell@freebsd.org>
sub  2048R/8F241971 2011-11-16

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----

```

**3.371. Jens Schweikhardt** <[schweikh@FreeBSD.org](mailto:schweikh@FreeBSD.org)>

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pub 1024D/0FF231FD 2002-01-27 Jens Schweikhardt <schweikh@FreeBSD.org>
    Key fingerprint = 3F35 E705 F02F 35A1 A23E 330E 16FE EA33 0FF2 31FD
uid                               Jens Schweikhardt <schweikh@schweikhardt.net>
sub 1024g/6E93CACC 2002-01-27 [expires: 2005-01-26]
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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**3.372. Matthew Seaman** <[matthew@FreeBSD.org](mailto:matthew@FreeBSD.org)>

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pub rsa4096/036F6C9EE7F39EBF 2013-09-29 [expires: 2018-04-23]
    Key fingerprint = 72CF AC21 79BC B024 B5B5 4590 036F 6C9E E7F3 9EBF
uid                               Matthew Seaman <m.seaman@infracaninophile.co.uk>
uid                               Matthew Seaman <matthew.seaman@adestra.com>
uid                               Matthew Seaman <matthew@freebsd.org>
sub rsa4096/5D0DFEAF7BFB01B4 2013-09-29 [expires: 2018-04-23]
sub rsa4096/BB23AF518E1A4013 2013-10-06 [expires: 2018-04-23]
sub rsa4096/E527EC985DBEA0A8 2013-10-06 [expires: 2018-04-23]
sub rsa4096/00513F10E0A9E4E7 2013-10-06 [expires: 2018-04-23]
sub rsa4096/0AC81803C8520138 2013-10-06 [expires: 2018-04-23]
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uid      Thomas-Martin Seck (Privat) <tmseck@web.de>
uid      Thomas-Martin Seck (FreeBSD) <tmseck@FreeBSD.org>
sub 2048g/3DC33B0F 2000-11-22
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**3.374. Stanislav Sedov <stas@FreeBSD.org>**

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pub 2048R/5617EAFB 2013-09-15 [expires: 2018-09-14]
    Key fingerprint = 4C01 9D03 543E C623 3FF7 0D34 6D8E 4C9F 5617 EAFB
uid      Stanislav Sedov <stas@FreeBSD.org>
uid      Stanislav Sedov <stas@deglitch.com>
sub 2048R/55012891 2013-09-15 [expires: 2018-09-14]
sub 2048R/8E60582E 2013-09-15 [expires: 2018-09-14]
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**3.375. Johan van Selst** <johans@FreeBSD.org>

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      Key fingerprint = 31C8 D089 DDB6 96C6 F3C1 29C0 A9C8 6C8D D3AE 8D3A
uid      Johan van Selst
uid      Johan van Selst <johans@glletsjer.net>
uid      Johan van Selst <johans@stack.nl>
uid      Johan van Selst <johans@FreeBSD.org>
uid      Johan van Selst (GSWoT:NL50) <johans@gswot.org>
sub  2048R/B002E38C 2009-09-01
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### 3.376. Lev Serebryakov <lev@FreeBSD.org>

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### 3.377. Bakul Shah <bakul@FreeBSD.org>

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pub 1024D/86AEE4CB 2006-04-20
    Key fingerprint = 0389 26E8 381C 6980 AEC0 10A5 E540 A157 86AE E4CB
uid          Bakul Shah <bakul@freebsd.org>
sub 2048g/5C3DCC24 2006-04-20

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**3.378. Gregory Neil Shapiro <gshapiro@FreeBSD.org>**

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pub 1024R/4FBE2ADD 2000-10-13 Gregory Neil Shapiro <gshapiro@gshapiro.net>
    Key fingerprint = 56 D5 FF A7 A6 54 A6 B5 59 10 00 B9 5F 5F 20 09
uid                               Gregory Neil Shapiro <gshapiro@FreeBSD.org>

pub 1024D/F76A9BF5 2001-11-14 Gregory Neil Shapiro <gshapiro@FreeBSD.org>
    Key fingerprint = 3B5E DAF1 4B04 97BA EE20 F841 21F9 C5BC F76A 9BF5
uid                               Gregory Neil Shapiro <gshapiro@gshapiro.net>
sub 2048g/935657DC 2001-11-14

pub 1024D/FCE56561 2000-10-14 Gregory Neil Shapiro <gshapiro@FreeBSD.org>
    Key fingerprint = 42C4 A87A FD85 C34F E77F 5EA1 88E1 7B1D FCE5 6561
uid                               Gregory Neil Shapiro <gshapiro@gshapiro.net>
sub 1024g/285DC8A0 2000-10-14 [expires: 2001-10-14]

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Version: GnuPG v1.0.6 (FreeBSD)
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Comment: For info see http://www.gnupg.org
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### 3.379. Arun Sharma <arun@FreeBSD.org>

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pub 1024D/7D112181 2003-03-06 Arun Sharma <arun@sharma-home.net>
    Key fingerprint = A074 41D6 8537 C7D5 070E 0F78 0247 1AE2 7D11 2181
uid                               Arun Sharma <arun@freebsd.org>
uid                               Arun Sharma <arun.sharma@intel.com>
sub 1024g/ACAD98DA 2003-03-06 [expires: 2005-03-05]

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.380. Wesley Shields <wxs@FreeBSD.org>

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pub 1024D/17F0AA37 2007-12-27
    Key fingerprint = 96D1 2E6B F61C 2F3D 83EF 8F0B BE54 310C 17F0 AA37
uid                               Wesley Shields <wxs@FreeBSD.org>
uid                               Wesley Shields <wxs@atarininja.org>
sub 2048g/2EDA1BB8 2007-12-27

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### 3.381. Norikatsu Shigemura <nork@FreeBSD.org>

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pub      1024D/7104EA4E 2005-02-14
          Key fingerprint = 9580 60A3 B58A 0864 79CB 779A 6FAE 229B 7104 EA4E
uid       Norikatsu Shigemura <nork@cityfujisawa.ne.jp>
uid       Norikatsu Shigemura <nork@ninth-nine.com>
uid       Norikatsu Shigemura <nork@FreeBSD.org>
sub       4096g/EF56997E 2005-02-14
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### 3.382. Shteryana Shopova <syrinx@FreeBSD.org>

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pub 4096R/35047F7A 2013-09-24 [expires: 2018-09-23]
uid Shteryana Sotirova Shopova <syrinx@FreeBSD.org>
uid Shteryana Sotirova Shopova <shteryana@FreeBSD.org>
uid Shteryana Sotirova Shopova <shteryana@gmail.com>
sub 4096R/E509C37A 2013-09-24 [expires: 2018-09-23]
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Version: GnuPG v2.0.19 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.383. Vanilla I. Shu <vanilla@FreeBSD.org>

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pub 1024D/ACE75853 2001-11-20 Vanilla I. Shu <vanilla@FreeBSD.org>
    Key fingerprint = 290F 9DB8 42A3 6257 5D9A 5585 B25A 909E ACE7 5853
sub 1024g/CE695D0E 2001-11-20

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.384. Ashish SHUKLA <ashish@FreeBSD.org>

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pub 4096R/E74FA4B0 2010-04-13
    Key fingerprint = F682 CDCC 39DC 0FEA E116 20B6 C746 CFA9 E74F A4B0
uid      Ashish SHUKLA <wahjava@gmail.com>
uid      Ashish SHUKLA <wahjava@googlemail.com>
uid      Ashish SHUKLA <wahjava.ml@gmail.com>
uid      Ashish SHUKLA <wahjava@members.fsf.org>
uid      Ashish SHUKLA <wahjava@perl.org.in>
uid      Ashish SHUKLA <wahjava@users.sourceforge.net>
uid      Ashish SHUKLA <wah.java@yahoo.com>
uid      Ashish SHUKLA <wah_java@hotmail.com>
uid      Ashish SHUKLA <ashish.shukla@airtelmail.in>
uid      Ashish SHUKLA <wahjava@member.fsf.org>
uid      [jpeg image of size 4655]
uid      Ashish SHUKLA (FreeBSD Committer Address) <ashish@FreeBSD.ORG>
sub 4096R/F20D202D 2010-04-13

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.385. Bruce M. Simpson <bms@FreeBSD.org>

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.386. Dmitry Sivachenko <[demon@FreeBSD.org](mailto:demon@FreeBSD.org)>

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pub 1024D/13D5DF80 2002-03-18 Dmitry Sivachenko <mitya@cavia.pp.ru>
    Key fingerprint = 72A9 12C9 BB02 46D4 4B13 E5FE 1194 9963 13D5 DF80
uid                               Dmitry S. Sivachenko <demon@FreeBSD.org>
sub 1024g/060F6DBD 2002-03-18

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.387. Jesper Skriver <[jesper@FreeBSD.org](mailto:jesper@FreeBSD.org)>

```

pub 1024D/F9561C31 2001-03-09 Jesper Skriver <jesper@FreeBSD.org>
    Key fingerprint = 6B88 9CE8 66E9 E631 C9C5 5EB4 22AB F0EC F956 1C31
uid                               Jesper Skriver <jesper@skriver.dk>
uid                               Jesper Skriver <jesper@wheel.dk>
sub 1024g/777C378C 2001-03-09

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-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: GnuPG v1.0.6 (FreeBSD)

Comment: For info see <http://www.gnupg.org>

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.388. Ville Skyttä <[scop@FreeBSD.org](mailto:scop@FreeBSD.org)>

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pub 1024D/BCD241CB 2002-04-07 Ville Skyttä <ville.skytta@iki.fi>
    Key fingerprint = 4E0D EBAB 3106 F1FA 3FA9 B875 D98C D635 BCD2 41CB
uid                               Ville Skyttä <ville.skytta@xemacs.org>
uid                               Ville Skyttä <scop@FreeBSD.org>
sub 2048g/9426F4D1 2002-04-07

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Version: GnuPG v1.0.7 (GNU/Linux)

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.389. Andrey Slusar <[anray@FreeBSD.org](mailto:anray@FreeBSD.org)>

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pub 1024D/AE7B5418 2005-12-12
    Key fingerprint = DE70 C24B 55A0 4A06 68A1 D425 3C59 9A9B AE7B 5418
uid                               Andrey Slusar <anray@ext.by>
uid                               Andrey Slusar <anrays@gmail.com>
uid                               Andrey Slusar <anray@FreeBSD.org>
sub 2048g/7D0EB77D 2005-12-12

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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### 3.390. Florian Smeets <[flo@FreeBSD.org](mailto:flo@FreeBSD.org)>

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      Key fingerprint = A701 0320 3BCA B44A 98FE C844 E705 3DF9 FF86 F076
uid          Florian Smeets <flo@smeets.xyz>
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```



```

WuiuoR5+qj8uuJoZMPqRKXq7fiWb10AMd4DmWkNQeXhsjCk1v4qGkKaavkerkMvP
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=/R6n
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.391. Gleb Smirnoff <[glebius@FreeBSD.org](mailto:glebius@FreeBSD.org)>

```

pub 2048D/6C7E5E82 2013-01-30 [expires: 2023-08-25]
    Key fingerprint = 6E06 7260 B83D CF2C A93C 566F 5185 0968 6C7E 5E82
uid                               Gleb Smirnoff <glebius@FreeBSD.org>
sub 2048g/11E89DCE 2013-01-30 [expires: 2023-08-25]

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-----END PGP PUBLIC KEY BLOCK-----

```

**3.392. Ken Smith** <[kensmith@FreeBSD.org](mailto:kensmith@FreeBSD.org)>

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pub 1024D/29AEA7F6 2003-12-02 Ken Smith <kensmith@cse.buffalo.edu>
    Key fingerprint = 4AB7 D302 0753 8215 31E7 F1AD FC6D 7855 29AE A7F6
uid                               Ken Smith <kensmith@freebsd.org>
sub 1024g/0D509C6C 2003-12-02
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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=gLKU
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

**3.393. Ben Smithurst** <[ben@FreeBSD.org](mailto:ben@FreeBSD.org)>

```
pub 1024D/2CEF442C 2001-07-11 Ben Smithurst <ben@LSRfm.com>
    Key fingerprint = 355D 0FFF B83A 90A9 D648 E409 6CFC C9FB 2CEF 442C
uid                               Ben Smithurst <ben@vinosystems.com>
uid                               Ben Smithurst <ben@smithurst.org>
uid                               Ben Smithurst <ben@FreeBSD.org>
uid                               Ben Smithurst <csxbsc@comp.leeds.ac.uk>
uid                               Ben Smithurst <ben@scientia.demon.co.uk>
sub 1024g/347071FF 2001-07-11
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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Version: GnuPG v1.0.6 (FreeBSD)
```

```
Comment: For info see http://www.gnupg.org
```

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=D508
-----END PGP PUBLIC KEY BLOCK-----
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### 3.394. Dag-Erling C. Smørgrav <des@FreeBSD.org>

```
pub 4096R/92C843456DA6A66E 2013-09-24 [expires: 2018-01-01]
    Key fingerprint = BB57 22E5 C9B6 77D1 73C3 8CFC 92C8 4345 6DA6 A66E
uid                               Dag-Erling Smørgrav <des@des.no>
uid                               Dag-Erling Smørgrav <des@freebsd.org>
uid                               Dag-Erling Smørgrav <d.e.smorgrav@usit.uio.no>
sub 4096R/9B90A1FCF8FBEC80 2013-09-24 [expires: 2018-01-01]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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### 3.395. Maxim Sobolev <[sobomax@FreeBSD.org](mailto:sobomax@FreeBSD.org)>

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pub 1024D/888205AF 2001-11-21 Maxim Sobolev <sobomax@FreeBSD.org>
Key fingerprint = 85C9 DCB0 6828 087C C977 3034 A0DB B9B7 8882 05AF
uid Maxim Sobolev <sobomax@mail.ru>

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uid Maxim Sobolev <vegacap@i.com.ua>

pub 1024D/468EE6D8 2003-03-21 Maxim Sobolev <sobomax@portaone.com>
   Key fingerprint = 711B D315 3360 A58F 9A0E 89DB 6D40 2558 468E E6D8
uid Maxim Sobolev <sobomax@FreeBSD.org>
uid Maxim Sobolev <sobomax@mail.ru>
uid Maxim Sobolev <vegacap@i.com.ua>

pub 1024D/6BEC980A 2004-02-13 Maxim Sobolev <sobomax@portaone.com>
   Key fingerprint = 09D5 47B4 8D23 626F B643 76EB DFEE 3794 6BEC 980A
uid Maxim Sobolev <sobomax@FreeBSD.org>
uid Maksym Sobolyev (It's how they call me in official documents. Pretty lame...) <sobomax@portaone.com>
uid Maksym Sobolyev (It's how they call me in official documents. Pretty lame...) <sobomax@FreeBSD.org>
sub 2048g/16D049AB 2004-02-13 [expires: 2005-02-12]

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.396. Alan Somers <asomers@FreeBSD.org>

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pub 4096R/DA05FCE8 2013-04-25 [expires: 2018-04-24]
    Key fingerprint = 9CD4 C982 738F 8B90 25E8 E6B3 5F74 63BC DA05 FCE8
uid Alan Somers <asomers@freebsd.org>
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### 3.397. Brian Somers <brian@FreeBSD.org>

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=g4uu
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.398. Stacey Son <[sson@FreeBSD.org](mailto:sson@FreeBSD.org)>

```
pub 1024D/CE8319F3 2008-07-08
    Key fingerprint = 64C7 8D92 C1DF B940 1171 5ED3 186A 758A CE83 19F3
uid Stacey Son <sson@FreeBSD.org>
uid Stacey Son <stacey@son.org>
uid Stacey Son <sson@byu.net>
uid Stacey Son <sson@secure.net>
uid Stacey Son <sson@dev-random.com>
sub 2048g/0F724E52 2008-07-08
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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=uagC
-----END PGP PUBLIC KEY BLOCK-----
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### 3.399. Nicolas Souchu <[nsouch@FreeBSD.org](mailto:nsouch@FreeBSD.org)>

```
pub 1024D/C744F18B 2002-02-13 Nicholas Souchu <nsouch@freebsd.org>
    Key fingerprint = 992A 144F AC0F 40BA 55AE DE6D 752D 0A6C C744 F18B
sub 1024g/90BD3231 2002-02-13
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: Pour information voir http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.400. Suleiman Souhlal <[ssouhlal@FreeBSD.org](mailto:ssouhlal@FreeBSD.org)>

```

pub 1024D/2EA50469 2004-07-24 Suleiman Souhlal <ssouhlal@FreeBSD.org>
    Key fingerprint = DACF 89DB 54C7 DA1D 37AF 9A94 EB55 E272 2EA5 0469
sub 2048g/0CDC535 2004-07-24

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

```

**3.401. Luiz Otavio O Souza** <loos@FreeBSD.org>

```
pub 2048R/39165690 2013-07-03
    Key fingerprint = ABC9 71D9 016E 8D4A 936D D748 6252 872F 3916 5690
uid Luiz Otavio O Souza <loos.br@gmail.com>
uid Luiz Otavio O Souza <loos@freebsd.org>
sub 2048R/9D089395 2013-07-03
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

**3.402. Bernard Spil** <brnrd@FreeBSD.org>

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pub 4096R/30C614DDDDDF542A0 2016-06-08 [expires: 2026-06-06]
    Key fingerprint = 53CD 858B 6933 3369 CF82 E180 30C6 14DD DDF5 42A0
uid Bernard Spil <brnrd@FreeBSD.org>
sub 4096R/573328B91C62FD46 2016-06-08 [expires: 2026-06-06]
sub 4096R/74FBFEFB8502B0B4 2016-06-08 [expires: 2019-06-08]
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### 3.403. Ulrich Spörlein <uqs@FreeBSD.org>

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uid                                     Ulrich Spörlein <uqs@spoorlein.net>
uid                                     Ulrich Spörlein (The FreeBSD Project) <uqs@FreeBSD.org>
uid                                     Ulrich Spörlein <uspoerlein@gmail.com>
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### 3.404. Rink Springer <rink@FreeBSD.org>

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pub 1024D/ECEDBFFF 2003-09-19
Key fingerprint = A8BE 9C82 9B81 4289 A905 418D 6F73 BAD2 ECED BFFF
uid Rink Springer <rink@il.fontys.nl>
uid Rink Springer (FreeBSD Project) <rink@FreeBSD.org>
uid Rink Springer <rink@stack.nl>
sub 2048g/3BC3E67E 2003-09-19
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### 3.405. Vsevolod Stakhov <[vsevolod@FreeBSD.org](mailto:vsevolod@FreeBSD.org)>

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pub  4096R/90081437 2012-05-16 [expires: 2017-05-15]
      Key fingerprint = DD9A 126C E675 1EA5 2A97 04A3 0764 7B67 9008 1437
uid      Vsevolod Stakhov <vsevolod@FreeBSD.org>
sub  4096R/4A5A0B54 2012-05-16 [expires: 2017-05-15]

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### 3.406. Ryan Steinmetz <zi@FreeBSD.org>

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pub      2048R/1EF8BA6BD02846D7 2014-02-03 [expires: 2019-02-02]
          Key fingerprint = 9079 51A3 34EF 0CD4 F228 EDC6 1EF8 BA6B D028 46D7
uid      Ryan Steinmetz <zi@zi0r.com>
uid      Ryan Steinmetz <rsteinme@cisco.com>
uid      Ryan Steinmetz <zi@FreeBSD.org>
sub      2048R/A8A08AA9D827E5F8 2014-02-03 [expires: 2019-02-02]

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.407. Lawrence Stewart <lstewart@FreeBSD.org>

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pub 4096R/9A50BCFCF40D9B09 2014-05-08 [expires: 2024-05-05]
    Key fingerprint = 8FB2 E9A3 39EA 78A1 5E1D B8A2 9A50 BCFC F40D 9B09
uid Lawrence A. Stewart <lstewart@freebsd.org>
uid Lawrence A. Stewart <lawrencestewart@gmail.com>
uid Lawrence A. Stewart <lstewart@netflix.com>
uid Lawrence A. Stewart <lstewart@room52.net>
sub 4096R/ACCB4CCFAB4EDC2D 2014-05-08 [expires: 2024-05-05]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----

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### 3.408. Randall R. Stewart <rrs@FreeBSD.org>

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pub 2048R/71D3BF532B7BEF39 2015-04-27 [expires: 2018-04-26]
    Key fingerprint = 835D A1ED 279B E300 175A 5BAA 71D3 BF53 2B7B EF39
uid                                Randall Stewart <rrs@freebsd.org>
sub 2048R/1C2A8AA80F55CAEB 2015-04-27 [expires: 2018-04-26]

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.409. Murray Stokely <murray@FreeBSD.org>

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pub 1024D/0E451F7D 2001-02-12 Murray Stokely <murray@freebsd.org>
Key fingerprint = E2CA 411D DD44 53FD BB4B 3CB5 B4D7 10A2 0E45 1F7D
sub 1024g/965A770C 2001-02-12
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Comment: For info see http://www.gnupg.org
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### 3.410. Volker Stolz <vs@FreeBSD.org>

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pub 1024R/3FD1B6B5 1998-06-16 Volker Stolz <vs@freebsd.org>
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### 3.411. Ryan Stone <[rstone@FreeBSD.org](mailto:rstone@FreeBSD.org)>

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pub 1024D/3141B73A 2010-04-13
    Key fingerprint = 4A6D DC04 DDC5 0822 2687 A086 FD3F 16CB 3141 B73A
uid          Ryan Stone (FreeBSD) <rstone@freebsd.org>
sub 2048g/A8500B5F 2010-04-13

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**3.412. Søren Straarup <xride@FreeBSD.org>**

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pub 1024D/E683AD40 2006-09-28
    Key fingerprint = 8A0E 7E57 144B BC25 24A9 EC1A 0DBC 3408 E683 AD40
uid Soeren Straarup <xride@xride.dk>
uid Soeren Straarup <xride@FreeBSD.org>
uid Soeren Straarup <xride@x12.dk>
sub 2048g/2B18B3B8 2006-09-28
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**3.413. Marius Strobl <marius@FreeBSD.org>**

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pub 4096R/20B70DE13F1D1E4F 2013-09-26
    Key fingerprint = 53D9 B435 5F95 980F C5D7 6B02 20B7 0DE1 3F1D 1E4F
uid Marius Strobl <marius@FreeBSD.org>
uid Marius Strobl <marius@alchemy.franken.de>
sub 4096R/862A3771EFEA91B6 2013-09-26
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### 3.414. Carlo Strub <cs@FreeBSD.org>

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### 3.416. Gregory Sutter <[gsutter@FreeBSD.org](mailto:gsutter@FreeBSD.org)>

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pub 1024D/845DFEDD 2000-10-10 Gregory S. Sutter <gsutter@zer0.org>
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uid Gregory S. Sutter <gsutter@freebsd.org>
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### 3.417. Koichi Suzuki <metal@FreeBSD.org>

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pub 1024D/AE562682 2004-05-23 SUZUKI Koichi <metal@FreeBSD.org>
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### 3.418. Ryusuke SUZUKI <[ryusuke@FreeBSD.org](mailto:ryusuke@FreeBSD.org)>

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.419. Gary W. Swearingen <[garys@FreeBSD.org](mailto:garys@FreeBSD.org)>

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pub 1024D/FAA48AD5 2005-08-22 [expires: 2007-08-22]
    Key fingerprint = 8292 CC3E 81B5 E54F E3DD F987 FA52 E643 FAA4 8AD5
uid Gary W. Swearingen <garys@freebsd.org>
sub 2048g/E34C3CA0 2005-08-22 [expires: 2007-08-22]
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=EQLl
-----END PGP PUBLIC KEY BLOCK-----

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### 3.420. Yoshihiro Takahashi <[nyan@FreeBSD.org](mailto:nyan@FreeBSD.org)>

```

pub      4096R/6624859E 2012-11-18
          Key fingerprint = 1CA5 445E 7ABD BC21 AEC0 7B89 47D7 4EFF 6624 859E
uid       Yoshihiro TAKAHASHI <nyan@furiru.org>
uid       Yoshihiro TAKAHASHI <nyan@FreeBSD.org>
uid       Yoshihiro TAKAHASHI <nyan@jp.FreeBSD.org>
sub      4096R/362726EA 2012-11-18

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.421. Sahil Tandon <sahil@FreeBSD.org>

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pub      2048R/C016D977 2010-04-08
          Key fingerprint = 6AD2 BA99 8E3A 8DA6 DFC1 53CF DBD0 6001 C016 D977
uid           Sahil Tandon <sahil@tandon.net>
uid           Sahil Tandon <sahil@FreeBSD.org>
sub      2048R/F7776FBC 2010-04-08
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### 3.422. TAKATSU Tomonari <[tota@FreeBSD.org](mailto:tota@FreeBSD.org)>

```

pub      1024D/67F58F29 2009-05-17
          Key fingerprint = 6940 B575 FC4A FA26 C094 279A 4B9B 6326 67F5 8F29
uid       TAKATSU Tomonari <tota@FreeBSD.org>
sub      2048g/18B112CD 2009-05-17

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### 3.423. Romain Tartière <[romain@FreeBSD.org](mailto:romain@FreeBSD.org)>

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pub      3072R/5112336F 2010-04-09
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Key fingerprint = 8234 9A78 E7C0 B807 0B59 80FF BA4D 1D95 5112 336F
uid          Romain Tartière <romain@bloggreen.org>
uid          Romain Tartière (FreeBSD) <romain@FreeBSD.org>
sub 3072R/C1B2B656 2010-04-09
sub 3072R/8F8125F4 2010-04-09

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.424. Sylvio Cesar Teixeira <sylvio@FreeBSD.org>

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pub      2048R/AA7395A1 2009-10-28
          Key fingerprint = B319 6AAF 0016 4308 6D93 E652 3C5F 21A2 AA73 95A1
uid      Sylvio Cesar Teixeira (My key) <sylvio@FreeBSD.org>
sub      2048R/F758F556 2009-10-28

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### 3.425. Devin Teske <dteske@FreeBSD.org>

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pub      2048R/0xAACC9F947D9E9AB9 2013-11-01 [expires: 2014-11-01]
          Key fingerprint = E052 3882 1097 ABB9 A537 ED2F AACC 9F94 7D9E 9AB92
uid      [ultimate] Devin Teske (FreeBSD Committer) <dteske@FreeBSD.org>
sub      2048R/0xB29F871CBC396837 2013-11-01 [expires: 2014-11-01]

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.426. Ion-Mihai Tetcu <itetcu@FreeBSD.org>

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pub  4096R/29597D20 2013-05-02
      Key fingerprint = AB6F 39B6 605D E6B7 0D54 ED3D BCA2 129A 2959 7D20
uid  Ion-Mihai Tetcu (FreeBSD Committer key) <itetcu@FreeBSD.org>
sub  4096R/EC9E17E3 2013-05-02

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.427. Mikhail Teterin <mi@FreeBSD.org>

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pub 1024R/3FC71479 1995-09-08 Mikhail Teterin <mi@aldan.star89.galstar.com>
Key fingerprint = 5F 15 EA 78 A5 40 6A 0F 14 D7 D9 EA 6E 2B DA A4
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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### 3.428. Gordon Tetlow <gordon@FreeBSD.org>

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Key fingerprint = 34EF AD12 10AF 560E C3AE CE55 46ED ADF4 357D 65FB
uid Gordon Tetlow <gordon@tetlows.org>
uid Gordon Tetlow <gordon@FreeBSD.org>
sub rsa2048/0C1612E28AC09A31 2015-01-12 [E] [expires: 2019-01-12]

pub rsa2048/E5F7BCCBA3BDDDF8 2016-04-23 [SC] [expires: 2021-04-22]
Key fingerprint = BB28 D40B 360E EE93 6AED 156F E5F7 BCCB A3BD DDF8
uid Gordon Tetlow <gordon@FreeBSD.org>
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### 3.429. Lars Thegler <lth@FreeBSD.org>

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pub 1024D/56B0CA08 2004-05-31 Lars Thegler <lth@FreeBSD.org>
    Key fingerprint = ABAE F98C EA78 1C8D 6FDD CB27 1CA9 5A63 56B0 CA08
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**3.430. Jase Thew <jase@FreeBSD.org>**

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    Key fingerprint = 4841 00F3 CDF2 272C 965B F90A 5C32 10C8 3F9B 9617
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uid [ultimate] Jase Thew <jase.thew@googlemail.com>
sub 4096R/0x727970D29B509783 2013-09-24 [expires: 2018-09-23]
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### 3.431. David Thiel <lx@FreeBSD.org>

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AYAACGkQHjB8vqiHqbS5dACfWGE70Y0Js3lJUhoFHYJEYgfc0KMAAn3SpX9LXSiCr
```



```
mVETDDKHRmZTSiZX
=iAPM
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.432. Fabien Thomas <[fabient@FreeBSD.org](mailto:fabient@FreeBSD.org)>

```
pub 1024D/07745930 2009-03-16
    Key fingerprint = D8AC EFA2 2FBD 7788 9628 4E8D 3F35 3B88 0774 5930
uid Fabien Thomas <fabient@FreeBSD.org>
sub 2048g/BC173395 2009-03-16
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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xfufEQU0WgJAcVlZp+/crXEJQEljWe400jh2Seruxo86qWmm6Pp8LkmPvwCg5+t8
iQL/1Ud2c8fyLAS+AAruAhsD/R6MSZtQSSelAtbGB5S01reSK04enb7yFdU7Pcbp
iBAqgE0khMZqcQFe0WYAiTFTqyt4t076R1s0G9uBoTCI5/sDslVvyaglnGvRL/Ej
6WEyBEHXFH0S+pf7Aofke0wHyQh19YrN22cEFEKWNDMCu2T+K0mP1AVKtnbLqwVG
clIuA/9+qeScAK7n1Nu33c4WTkbhxdpxqcQGuUti+vHLrSy+wpZgEP4e3A1AurRs
JXUGTuqT0g8wxpCMEassWuo0phrNUZ3Y3ckspvo3PLbht8iWhkAS+YjvTgBPu+at
rxqS4vuog8z12GL5C69oUihXozh0c+9WNQUahsy2RM4ldFu3qbQjRmFiaWVuIFRo
b2lhcyA8ZmFiaWVudEBGcmVlQlNELm9yZz6IYAQTEQIAIAUCSb69NgIbAwYLCQgH
AwIEFQIIAwQWAgMBAh4BAheAAAJED8104gHdFkwWz4An1Jps5d16oHpy7qh7jro
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YTW00KuRbwCDNaMnZshkncWxWnD/KgrP9NlfdVJ/3NxLEl/GUm6v4bw1CM3F+n8
DanJa1jKPk0krq0bDZc90flknwaH1rQckFrXICLa/9MnV8HjZeiE/h6M4Ay30kb8
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=HImo
-----END PGP PUBLIC KEY BLOCK-----
```

### 3.433. Thierry Thomas <[thierry@FreeBSD.org](mailto:thierry@FreeBSD.org)>

```
pub 4096R/F1C516B3C8359753 2013-09-23 [expires: 2018-09-22]
    Key fingerprint = E536 BE85 3853 99D0 0B6F AA76 F1C5 16B3 C835 9753
uid [ultimate] Thierry Thomas <thierry@pompo.net>
uid [ultimate] Thierry Thomas <thierry@FreeBSD.org>
uid [ultimate] [jpeg image of size 1968]
sub 4096R/32B32808E6B52F4F 2013-09-23 [expires: 2018-09-22]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----

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BNawS2rhkjK0Yffxzt84DUW9p32GtfBXATyukytm+vRLmEMs+dxqp0ZRkVz00nJ
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TKwpH61nzQswRbtqTyJ2EJqMr3rxT9IfkqNRgzfjCvJZZKj4fA8X634Z+W3R1cdc
```



```

k9yt3FscqT1XnHNcvZzs3mQgY8qQgDtjPFXyJgWcKxwThfpUKa2MnGzIp9C8x3up
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=urCX
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.434. Andrew Thompson <[thompsa@FreeBSD.org](mailto:thompsa@FreeBSD.org)>

```

pub 1024D/BC6B839B 2005-05-05
Key fingerprint = DE74 3F49 B97C A170 C8F1 8423 CAB6 9D57 BC6B 839B
uid Andrew Thompson <thompsa@freebsd.org>
uid Andrew Thompson <andy@fud.org.nz>
sub 2048g/92E370FB 2005-05-05

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

mQGiBEJ5esIRBACGrMoYYIu2yCvXU0UgySagPjKetJ5zK0CFDa/Gl65tFtCcc3YR
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+evZ1jSHo/MY+GHTYBiDj/GiDkk8zBk6Sppo00dzqZ008IW6tvh9n7RNZwCgrPYX

```

**3.435. Florent Thoumie** <[flz@FreeBSD.org](mailto:flz@FreeBSD.org)>

pub 1024D/5147DCF4 2004-12-04

BEGIN\_PSD\_PUBLIC\_KEY\_BLOCK

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782



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YhEx5U7AKdGZ55po
=hxwJ
-----END PGP PUBLIC KEY BLOCK-----

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### 3.436. Jilles Tjoelker <jilles@FreeBSD.org>

```

pub 4096R/D5AE6220 2011-07-02
Key fingerprint = 4AF5 F1CC BDD7 700B F005 79A4 A2C4 C4D4 D5AE 6220
uid Jilles Tjoelker <jilles@stack.nl>
uid Jilles Tjoelker <tjoelker@zonnet.nl>
uid Jilles Tjoelker (FreeBSD) <jilles@FreeBSD.org>
sub 4096R/14CB5775 2011-07-02

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p2KdjF6Qs0QALJvcCsve7NfdJCLAn5vjdbE/l4qsK8vYnYbkrHe3KNy7F3HEqyB0  
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ISlklWnE8Mxwg4+c65/62xomLJInzfRj1FtnTA/0FLOWrwdlZ3AmHR1049BAYybd  
umHs/Qn8dguMng7+6YEaISr2UtgBa2W7mRDD+5ElvJ/doyAiuQXZeDyeuBktnS+8  
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### 3.437. Ganbold Tsagaankhuu <ganbold@FreeBSD.org>

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pub 4096R/8617408EEAAC693A 2013-10-05 [expires: 2018-10-04]
    Key fingerprint = EB31 9B1E D3EA 4D95 A96E 7103 8617 408E EAAC 693A
uid      Ganbold Tsagaankhuu <ganbold@freebsd.org>
uid      Ganbold Tsagaankhuu <ganbold@gmail.com>
sub 4096R/A7E14611600EF443 2013-10-05 [expires: 2018-10-04]

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### 3.438. Michael Tuexen <tuexen@FreeBSD.org>

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pub 1024D/04EEDABE 2009-06-08
    Key fingerprint = 493A CCB8 60E6 5510 A01D 360E 8497 B854 04EE DABE
uid Michael Tuexen <tuexen@FreeBSD.org>
sub 2048g/F653AA03 2009-06-08
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### 3.439. Andrew Turner <andrew@FreeBSD.org>

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pub 2048R/31B31614 2010-07-01
    Key fingerprint = 08AC 2C57 F14F FDD1 2232 B5CD AA16 EFB8 31B3 1614
uid Andrew Turner <andrew@freebsd.org>
uid Andrew Turner <andrew@fubar.geek.nz>
sub 2048R/9ACBF138 2010-07-01
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### 3.440. Oleksandr Tymoshenko <[gonzo@FreeBSD.org](mailto:gonzo@FreeBSD.org)>

```

pub 2048R/E84FC1018C87C180 2014-01-08 [expires: 2017-01-07]
    Key fingerprint = 4FE9 153B 126D A491 294D 012F E84F C101 8C87 C180
uid                               Oleksandr Tymoshenko (FreeBSD) <gonzo@freebsd.org>
sub 2048R/D6BE683DAEC52F52 2014-01-08 [expires: 2017-01-07]

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mQENBFLN2YQBACAPu+ZFcVIGY8zMZt/ZQoBDTEgkWTofgtEYIrX5NY3i5j2SL6H9
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-----END PGP PUBLIC KEY BLOCK-----

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**3.441. Hajimu UMEMOTO** <ume@FreeBSD.org>

```

pub    1024D/BF9071FE 2005-03-17
       Key fingerprint = 1F00 0B9E 2164 70FC 6DC5 BF5F 04E9 F086 BF90 71FE
uid          Hajimu UMEMOTO <ume@mahoroba.org>
uid          Hajimu UMEMOTO <ume@FreeBSD.org>
uid          Hajimu UMEMOTO <ume@jp.FreeBSD.org>
sub    2048g/748DB3B0 2005-03-17

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-----END PGP PUBLIC KEY BLOCK-----

**3.442. Jason Unovitch** <junovitch@FreeBSD.org>

```

pub    rsa2048/6FD49C30161CAA6E 2015-07-27 [expires: 2018-07-26]
       Key fingerprint = 45DF 5459 93BB E377 93CA CDEE 6FD4 9C30 161C AA6E
uid          Jason Unovitch <jason.unovitch@gmail.com>
uid          Jason Unovitch <junovitch@FreeBSD.org>
sub    rsa2048/74E32D39F55621C5 2015-07-27 [expires: 2018-07-26]

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.443. Stephan Uphoff <ups@FreeBSD.org>

```

pub 2048R/D684B04A 2004-10-06 Stephan Uphoff <ups@freebsd.org>
    Key fingerprint = B5D2 04AE CA8F 7055 7474 3C85 F908 7F55 D684 B04A
uid                               Stephan Uphoff <ups@tree.com>
sub 2048R/A15F921B 2004-10-06

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### 3.444. Emmanuel Vadot <manu@FreeBSD.org>

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pub  rsa2048/49AFB38B7C929105 2016-04-24 [SC] [expires: 2019-04-24]
      Key fingerprint = DE79 F601 8D70 10E8 480E B918 49AF B38B 7C92 9105
uid      Emmanuel Vadot <manu@freebsd.org>
sub  rsa2048/519ED84504490990 2016-04-24 [E] [expires: 2019-04-24]
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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.445. Eric van Gyzen <vangyzen@FreeBSD.org>

```
pub  rsa2048/AFC12A13EC20DAB8 2015-01-28 [expires: 2018-01-27]
      Key fingerprint = 3E70 4F4A 0D13 41E8 BCE4 D73D AFC1 2A13 EC20 DAB8
uid      Eric van Gyzen <vangyzen@FreeBSD.org>
uid      Eric van Gyzen <eric@vangyzen.net>
sub  rsa2048/AEDFC8E4E2244266 2015-01-28 [expires: 2018-01-27]
```

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```

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.446. Bryan Venteicher <bryanv@FreeBSD.org>

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pub 4096R/E97DB7DB 2012-11-05
Key fingerprint = 0F8F 11EF F4D2 EDCA ECEA CB16 744C BF25 E97D B7DB
uid Bryan Venteicher (DITC) <bryanv@daemoninthecloset.org>
uid Bryan Venteicher (FreeBSD) <bryanv@freebsd.org>
sub 4096R/2EBC1A46 2012-11-05
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----

```

### 3.447. Jacques Vidrine <nectar@FreeBSD.org>

```

pub  2048R/33C1627B 2001-07-05 Jacques A. Vidrine <nectar@celabo.org>
    Key fingerprint = CB CE 7D A0 6E 01 DC 61 E5 91 0A BE 79 17 D3 82
uid      Jacques A. Vidrine <jvidrine@verio.net>
uid      Jacques A. Vidrine <n@nectar.com>
uid      Jacques A. Vidrine <jacques@vidrine.cc>
uid      Jacques A. Vidrine <nectar@FreeBSD.org>
uid      Jacques A. Vidrine <n@nectar.cc>

pub  1024D/1606DB95 2001-07-05 Jacques A. Vidrine <nectar@celabo.org>
    Key fingerprint = 46BC EA5B F70A CC81 5332 0832 8C32 8CFF 1606 DB95
uid      Jacques A. Vidrine <jvidrine@verio.net>
uid      Jacques A. Vidrine <n@nectar.com>
uid      Jacques A. Vidrine <jacques@vidrine.cc>
uid      Jacques A. Vidrine <nectar@FreeBSD.org>
uid      Jacques A. Vidrine <n@nectar.cc>
sub  2048g/57EDEA6F 2001-07-05

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.1 (FreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.448. Alberto Villa <[avilla@FreeBSD.org](mailto:avilla@FreeBSD.org)>

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pub 1024R/44350A8B 2010-01-24
    Key fingerprint = F740 CE4E EDDD DA9B 4A1B 1445 DF18 82EA 4435 0A8B
uid Alberto Villa <avilla@FreeBSD.org>
sub 1024R/F7C8254C 2010-01-24

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### 3.449. Nicola Vitale <[nivit@FreeBSD.org](mailto:nivit@FreeBSD.org)>

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pub 1024D/F11699E5 2006-12-05
    Key fingerprint = 2C17 C591 2C6D 82BD F3DB F1BF 8FC9 6763 F116 99E5
uid Nicola Vitale (Public key for nivit@FreeBSD.org) <nivit@FreeBSD.org>
sub 2048g/4C90805D 2006-12-05

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### 3.450. Ivan Voras <[ivoras@FreeBSD.org](mailto:ivoras@FreeBSD.org)>

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pub 1024D/FD08D5063DFF1D2C 2012-04-22
    Key fingerprint = 6141 82D7 8304 0002 EEB3 48E5 FD08 D506 3DFF 1D2C
uid                               Ivan Voras <ivoras@fer.hr>
uid                               Ivan Voras <ivoras@freebsd.org>
uid                               Ivan Voras <ivoras@pirati.hr>
uid                               Ivan Voras <ivoras@gmail.com>
uid                               [jpeg image of size 3697]
sub 4096g/88C9ED7026B75D25 2012-04-22
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Version: GnuPG v2.0.22 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.451. Andriy Voskoboinyk <avos@FreeBSD.org>

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pub  rsa2048/558F4F536DC10B47 2015-10-19 [expires: 2018-10-18]
      Key fingerprint = 4056 7E58 FA1D D59F F3EA CC83 558F 4F53 6DC1 0B47
uid      Andriy Voskoboinyk <avos@freebsd.org>
sub  rsa2048/515B99612E8604AF 2015-10-19 [expires: 2018-10-18]
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### 3.452. Stefan Walter <stefan@FreeBSD.org>

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pub  3072R/12B9E0B3 2003-03-06
      Key fingerprint = 85D8 6A49 22C7 6CD9 B011 5D6A 5691 111B 12B9 E0B3
uid      Stefan Walter <stefan@freebsd.org>
uid      Stefan Walter <sw@gegenunendlich.de>
sub  3072R/6D35457A 2003-03-06
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=iXXA
-----END PGP PUBLIC KEY BLOCK-----
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### 3.453. Kai Wang <kaiw@FreeBSD.org>

```
pub 1024D/AEB910EB 2006-09-27
Key fingerprint = 3534 10A3 F143 B760 EF3E BEDF 8509 6A06 AEB9 10EB
uid Kai Wang <kaiw@FreeBSD.org>
uid Kai Wang <kaiw@student.chalmers.se>
uid Kai Wang <kaiwang27@gmail.com>
uid Kai Wang <kaiw27@gmail.com>
sub 2048g/1D5AA4DD 2006-09-27
```

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### 3.454. Adam Weinberger <[adamw@FreeBSD.org](mailto:adamw@FreeBSD.org)>

```

pub  2048R/1CCD0A5830E59D2B 2014-02-03 [expires: 2017-02-02]
      Key fingerprint = F95F 60DB 115C EA59 2FED E1FB 1CCD 0A58 30E5 9D2B
uid                               Adam Weinberger <adamw@FreeBSD.org>
uid                               Adam Weinberger <adamw@adamw.org>
sub  2048R/92C1C8A42BDE2CCE 2014-02-03 [expires: 2017-02-02]

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-----END PGP PUBLIC KEY BLOCK-----

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### 3.455. Christian Weisgerber <naddy@FreeBSD.org>

```

pub      rsa2048/73490227F70EEEA0 2015-05-03
         Key fingerprint = A264 04D3 05A4 189F D662 AF67 7349 0227 F70E EEA0
uid      Christian Weisgerber <naddy@mips.inka.de>
uid      Christian Weisgerber <naddy@FreeBSD.org>
uid      Christian Weisgerber <naddy@openbsd.org>
sub      rsa2048/1005F0A965D82467 2015-05-03

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=2/57
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.456. Peter Wemm <[peter@FreeBSD.org](mailto:peter@FreeBSD.org)>

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pub 1024D/1512AE527277717F 2003-12-14
    Key fingerprint = 622B 2282 E92B 3BAB 57D1 A417 1512 AE52 7277 717F
uid                                     Peter Wemm <peter@wemm.org>
uid                                     Peter Wemm <peter@FreeBSD.ORG>
sub 1024g/2C5F53778B40D9D1 2003-12-14

pub 2048R/35D69709EC809E04 2014-05-08 [expires: 2024-05-05]
    Key fingerprint = 060A C0D1 5AFF BDF3 55B8 FA14 35D6 9709 EC80 9E04
uid                                     Peter Wemm <peter@wemm.org>
uid                                     Peter Wemm <peter@FreeBSD.org>
sub 2048R/B5D591B339B03C75 2014-05-08 [expires: 2024-05-05]
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4LejoF8yxnxIAUpnbeBvCIFKPeYCA8ZZGcgkfdZZoH0rxoeRn1bRZk1zV69bsar9
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=TYGW
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.457. Nathan Whitehorn <nwhitehorn@FreeBSD.org>

```

pub 1024D/FC118258 2008-07-03
    Key fingerprint = A399 BEA0 8D2B 63B3 47B5 056D 8513 5B96 FC11 8258
uid      Nathan Whitehorn <nwhitehorn@freebsd.org>
uid      Nathan Whitehorn <nwhitehorn@icecube.wisc.edu>
uid      Nathan Whitehorn <nwhitehorn@physics.wisc.edu>
uid      Nathan Whitehorn <whitehorn@wisc.edu>
sub 2048g/EDB55363 2008-07-03

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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=hP6F
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.458. Martin Wilke <miwi@FreeBSD.org>

```
pub 1024D/B1E6FCE9 2009-01-31
    Key fingerprint = C022 7D60 F598 8188 2635 0F6E 74B2 4884 B1E6 FCE9
uid                               Martin Wilke <miwi@FreeBSD.org>
sub 4096g/096DA69D 2009-01-31
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
```

### 3.459. Nate Williams <nate@FreeBSD.org>

```
pub 1024D/C2AC6BA4 2002-01-28 Nate Williams (FreeBSD) <nate@FreeBSD.org>
    Key fingerprint = 8EE8 5E72 8A94 51FA EA68 E001 FFF9 8AA9 C2AC 6BA4
sub 1024g/03EE46D2 2002-01-28
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.460. Steve Wills <[swills@FreeBSD.org](mailto:swills@FreeBSD.org)>

```
pub 2048R/F5CF62B3207B1BA1 2010-09-02 [expires: 2020-01-23]
    Key fingerprint = 98FA 414A 5C2A 0EF9 CFD0 AD0D F5CF 62B3 207B 1BA1
uid Steve Wills <swills@FreeBSD.org>
uid Steve Wills <swills@freebsd.org>
uid Steve Wills <steve@mouf.net>
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQENBEx/EzEBCAC1Zje8FA0qGnqKv606untNjilUqEWtUwH0LPKLM0d1Pepb7A21
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### 3.461. Thomas Wintergerst <[twinterg@FreeBSD.org](mailto:twinterg@FreeBSD.org)>

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pub 1024D/C45CB978 2006-01-08
    Key fingerprint = 04EE 8114 7C6D 22CE CDC8 D7F8 112D 01DB C45C B978
uid      Thomas Wintergerst <twinterg@gmx.de>
uid      Thomas Wintergerst <twinterg@freebsd.org>
uid      Thomas Wintergerst
uid      Thomas Wintergerst <thomas.wintergerst@nord-com.net>
uid      Thomas Wintergerst <thomas.wintergerst@materna.de>
sub 2048g/3BEBEF8A 2006-01-08
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.462. Garrett Wollman <wollman@FreeBSD.org>

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pub 1024D/0B92FAEA 2000-01-20 Garrett Wollman <wollman@FreeBSD.org>
    Key fingerprint = 4627 19AF 4649 31BF DE2E 3C66 3ECF 741B 0B92 FAEA
sub 1024g/90D5EBC2 2000-01-20
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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**3.463. Ben Woods** <woods02@FreeBSD.org>

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pub   rsa2048/F4282FB8B0DED855 2016-05-09 [SC] [expires: 2019-05-09]
      Key fingerprint = 189F A55D 1B84 A241 79CC D409 F428 2FB8 B0DE D855
uid           Ben Woods <woods02@gmail.com>
uid           Ben Woods <woods02@FreeBSD.org>
sub   rsa2048/261CBDD3510A176A 2016-05-09 [E] [expires: 2019-05-09]
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-----END PGP PUBLIC KEY BLOCK-----

**3.464. Jörg Wunsch** <joerg@FreeBSD.org>

```
pub   1024D/69A85873 2001-12-11 Joerg Wunsch <j@uriah.heep.sax.de>
      Key fingerprint = 5E84 F980 C3CA FD4B B584 1070 F48C A81B 69A8 5873
pub   1024D/69A85873 2001-12-11 Joerg Wunsch <j@uriah.heep.sax.de>
uid           Joerg Wunsch <joerg_wunsch@interface-systems.de>
uid           Joerg Wunsch <joerg@FreeBSD.org>
uid           Joerg Wunsch <j@ida.interface-business.de>
sub   1024g/21DC9924 2001-12-11
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-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: GnuPG v1.2.6 (FreeBSD)

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=SfCl
-----END PGP PUBLIC KEY BLOCK-----

```

### 3.465. David Xu <davidxu@FreeBSD.org>

```

pub 1024D/48F2BDAB 2006-07-13 [expires: 2009-07-12]
    Key fingerprint = 7182 434F 8809 A4AF 9AE8 F1B5 12F6 3390 48F2 BDAB
uid          David Xu <davidxu@freebsd.org>
sub 4096g/ED7DB38A 2006-07-13 [expires: 2009-07-12]

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-----END PGP PUBLIC KEY BLOCK-----
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### 3.466. Maksim Yevmenkin <emax@FreeBSD.org>

```
pub 1024D/F050D2DD 2003-10-01 Maksim Yevmenkin <m_evmenkin@yahoo.com>
Key fingerprint = 8F3F D359 E318 5641 8C81 34AD 791D 53F5 F050 D2DD
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Version: GnuPG v1.2.2 (FreeBSD)
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nj91Y0fk8hdd9bjT0ee7lJuQ8PBqzb/uEVGFIC+56/ocFzuBANdN5fzEfxp5AA0o
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pub      rsa4096/DFC2841AE2C6C564 2015-12-03 [expires: 2020-12-01]
Key fingerprint = 903D 71D3 1909 5D55 58D4  6C1F DFC2 841A E2C6 C564
uid      Mariusz Zaborski <oshogbo@FreeBSD.org>
uid      Mariusz Zaborski <oshogbo@vexillum.org>
uid      Mariusz Zaborski <m.zaborski@wheelsystems.com>
sub      rsa4096/35735C07BCDD5FC7 2015-12-03 [expires: 2020-12-01]
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822

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### 3.470. Niclas Zeising <[zeising@FreeBSD.org](mailto:zeising@FreeBSD.org)>

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uid    Niclas Zeising <zeising@daemonic.se>
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-----END PGP PUBLIC KEY BLOCK-----
```

**3.471. Alexey Zelkin** <[phantom@FreeBSD.org](mailto:phantom@FreeBSD.org)>



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pub 1024D/9196B7D9 2002-01-28 Alexey Zelkin <phantom@FreeBSD.org>
    Key fingerprint = 4465 F2A4 28C1 C2E4 BB95 1EA0 C70D 4964 9196 B7D9
sub 1024g/E590ABA4 2002-01-28
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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### 3.472. Sepherosa Ziehau <[sephe@FreeBSD.org](mailto:sephe@FreeBSD.org)>

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pub 2048R/3E51FB42 2005-10-21
    Key fingerprint = 5F47 3861 7ABA 8773 9E32 0474 5C33 841C 3E51 FB42
uid Sepherosa Ziehau (freebsd) <sephe@freebsd.org>
uid Sepherosa Ziehau (sephe) <sepherosa@gmail.com>
sub 2048R/7AA31321 2005-10-21
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### 3.473. Andrey Zonov <zont@FreeBSD.org>

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pub      2048R/E8A68B1C 2012-08-17 [expires: 2016-08-17]
          Key fingerprint = 3DFF AA2F C10A A979 2FB9 A764 F145 4BB6 E8A6 8B1C
uid      Andrey Zonov <zont@FreeBSD.org>
uid      Andrey Zonov <andrey@zonov.org>
sub      2048R/57FC2BD3 2012-08-17 [expires: 2016-08-17]

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### 3.474. Torsten Zuehlsdorff <tz@FreeBSD.org>

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pub  rsa4096/585FAB7CBF9243D0 2016-06-08 [SC] [verfällt: 2019-06-08]
     Schl.-Fingerabdruck = 8400 53D2 0180 F22E 46F9 12AF 585F AB7C BF92 43D0
uid          Torsten Zuehlsdorff <tz@FreeBSD.org>
sub  rsa4096/BF74DAF15D5EAF18 2016-06-08 [E] [verfällt: 2019-06-08]

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#### 4.1. Alexander Best

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## 4.2. Deb Goodkin

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uid Deb Goodkin <deb@freebsd.org>
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### 4.3. Ben C. O. Grimm

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pub 2048R/1638A731 2013-03-22 [expires: 2018-03-21]
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uid          DutchDaemon - FreeBSD Forums Administrator <DutchDaemon@FreeBSD.org>
uid          [jpeg image of size 2417]
sub 2048R/040C9636 2013-03-22 [expires: 2018-03-21]
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#### 4.4. Ben Haga

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pub 4096R/1FA0DA9D 2013-04-12 [expires: 2017-04-11]
    Key fingerprint = 82FB 3180 8C3E CEA9 66ED 7FE5 2840 F0C9 1FA0 DA9D
uid                               Ben Haga <bhaga@FreeBSD.org>
sub 4096R/33BE4D62 2013-04-12 [expires: 2017-04-11]

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#### 4.5. Boris Kochergin

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pub 4096R/7E8DEA51 2013-04-08
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uid Boris Kochergin <bk@isis.poly.edu>
sub 4096R/DD7B3E04 2013-04-08
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#### 4.6. Peter Loshier

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pub 1024D/B9F7C8866917C3B9 2002-03-16 [expires: 2014-12-24]
Key fingerprint = E00E 4CB3 D265 248E 610D 77A4 B9F7 C886 6917 C3B9
uid Peter Loshier <ploser@freebsd.org>
uid Peter Loshier <ploser@plosh.net>
sub 2048g/5E63FAAB8C6651F2 2002-03-16 [expires: 2014-12-24]
sub 4096R/53B9AAA98C273E2E 2014-05-18 [expires: 2019-05-17]
sub 4096R/CDABAB7A88F51686 2014-05-18 [expires: 2019-05-17]
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#### 4.7. Michael W. Lucas

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pub   rsa4096/8663ED941F2E54A8 2014-10-15 [expires: 2020-10-13]
      Key fingerprint = 0D83 B55B 5314 BBBB C209 70A0 8663 ED94 1F2E 54A8
uid    Michael Warren Lucas (Author) <mwluca@blackhelicopters.org>
uid    Michael Warren Lucas (Author) <mwluca@michaelwlucas.com>
sub    rsa4096/96FC4FE74DA4E659 2014-10-15 [expires: 2020-10-13]
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#### 4.8. David Wolfskill

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