

































## **Continuous enhancements (contd)** V1R12 Support Elliptic Cryptographic Curve (ECC) keys, in addition to RSA and DSA keys Support Certificate Management Protocol (CMP) clients to communicate with PKI Services Provide automatic detection and correction on the potential problem causing by the used serial number Provide utilities to post certificates and Certificate Revocation List (CRL) on demand. Provide configurable time switches for the housekeeping tasks Support the creation of custom extensions to certificate Support the creation of Subject Alternate Name that contains multiple instances of each of the General Name forms Support the creation of certificates with expiration dates in the far future

IBM eServer

PKI Services as	a CA?
Use PKI Services if	
Need to generate a large number of certificates	
You want to get notification on the expiration dates of the certs	
You want the other parties to retrieve the certs themselves	
You want the certs to be checked for revocation status	
You want more supported extensions in the certs	
	Vise PKI Services if   Need to generate a large number of certificates   You want to get notification on the expiration dates of the certs   You want the other parties to retrieve the certs themselves   You want the certs to be checked for revocation status   You want more supported extensions in the certs

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Cost of certs for Equipment and Applications					
First Year		Projected			
Qty	Price per Cert	Total	Qty.	Price per Cert	Total
14,000	995.00	13,930,000.00	66,000	995.00	65,670,000.00
First Year		Projected			
Qty	Price per Cert	Total	Qty.	Price per Cert	Total
2,000	* 13.00	26,000.00	80,000	* 13.00	1,040,000.00
*	Special Price	from Braziliar	n Governme	nt Agency CA	









IBM eServer"					
<b>PKI Services Certificate Generation Application</b>					
Install our CA certificate into your browser	Shipped sample				
Choose one of the following:					
• Request a new certificate using a model					
Select the certificate template to use as a model 1-Year PKI SSL Browser Certificate	•				
Request Certificate					
• Pick up a previously requested certificate					
Enter the assigned transaction ID					
Select the certificate return type PKI Browser Certificate 💌					
Pick up Certificate					
• Renew or revoke a previously issued browser certificate					
Renew or Revoke Certificate					
Administrators click here					
Go to Administration Page					
email: webmaster@your-company.com					
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ICP-BB INTERMEDIARIA 02 - Microsoft Internet Explorer fornecido por Banco do Brasil	
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iereço 🕘 https://acint02lab.bb.com.br/PKIServ/public-cgi/camain.rexx?	V 🄁 Ir Links ³
Autoridade Certificadora Inte	ermediária 02 LAB
PKI Services - GERAÇÃO DE CERTIF	FICADOS
aixar o certificado de nossa AC RAIZ	After customization
aixar o certificado de nossa AC INTERNEDIARIA 01 aixar o certificado de nossa AC INTERMEDIARIA 02	
aixar "Termo de Compromisso para Acesso Remoto"	
Escolha uma opção:	
Solicitar um novo certificado utilizando um modelo	
Selecione o tipo de certificado desejado   1-ANO CONTINGENCIA SSL BROWSER	
Solicitar Certificado	Research and a second
Receber certificado solicitado	
Informe o ID da transação	
Selecione o tipo de certificado: CERTIFICADO PKCS10	
Receber Certificado	-
	×
III III	A Second

IBM eServer"
Shipped sample Retrieve Your 1-Year PKI SSL Browser Certificate
Please bookmark this page
Since your certificate may not have been issued yet, we recommend that you create a bookmark to this location so that when you return to this bookmark, the browser will display your transaction ID. This is the easiest way to check your status.
Enter the assigned transaction ID 1JTOJSDh/tpk/2SH/+++++++
If you specified a pass phrase when submitting the certificate request, type it here, exactly as you typed it on the request form
Retrieve and Install Certificate
To check that your certificate installed properly, follow the procedure below:
Netscape V6 - Click Edis-Preferences, then Privacy and Security-> Certificates. Click the Manage Certificates button to start the Certificate Manager. Your new certificate should appear in the Your Certificates list. Select it then click View to see more information.
Netscape V4 - Click the Security button, then Certificates-> Yours. Your certificate should appear in the list. Select it then click Verify.
Internet Explorer V5 - Click Tools->Internet Options, then Content, Certificates. Your certificate should appear in the Personal list. Click Advanced to see additional information.
Home page
email.webmaster@grour-company.com
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References	
PKI Services web site:	
http://www.ibm.com/servers/eserver/zseries/zos/pki	
IBM Redbooks	
System z Cryptographic Services and z/OS PKI Services	
Implementing PKI Services on z/OS	
Cryptographic Server Manual	
Cryptographic Services PKI Services Guide and Reference	
• RFCs	
RFC2459 - Internet X.509 Public Key Infrastructure Certificate and CRL Profil	e
RFC5280 - Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile	
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