









Check you are capable? • On the HMC, select the machine then Properties									
	3	indigo	-8231-E1	C-SN06	59FD	R			
	1	General	Processors	Memory	I/O	Migratio	n Power-On Parameters	Capabilities	Advanced
1 2		Capabili	ty			. V	alue		
Indigo-8231-E1C-SN0659FDR®     Indigo-8231-E1C-SN0659FDR®     Indigo-8203-E4A-SN10E0A51     Indigo-8203-E4A-SN100272P     Indigo-8203-E4A-SN100525P     Indigo-8205-E4A-SN100525P     Indigo-8205-E4A-SN100525P	Prop Oper Conf Conn Hard	erties rations iguration lections ware Informat Partition Partition Electronin Active Pa Firmware Hardwar Virtual Si Virtual Si Active Me Partition Partition	ion Processor Co Availability Pr c Error Report rittion Process Power Save e Power Save bre Channel ( emory Expans Suspend Cap Suspend Cap	r Failover aporting C bable Capable y Capable gapable mpatibility N iority Capable sor Sharing Capable r Capable Capable capable able at Capable	Capat apable lode C le Capat	Image         T           e         T           T         T           T         T           Capable         T           T         T           Capable         T           T         T           T         T           T         T           T         T           T         T           T         T           T         T           T         T           T         T           T         T           T         T           T         T			E
	-	Virtual Tr OK Ca	usted Platform	n Module C	apable	· T	rue		-



















- My POWER7 Power 710 C model
  - Called indigo with LPARs indigo2, indigo3, ...
  - All AIX 7 TL1 SP 3 or 4
  - My OpenPTS Mgr is on AIX 7 but on POWER6

Command line – help (run with no options)				
<pre># openpts OpenPTS (0.2.4/1) OpenPTS command</pre>				
Usage: openpts [optior openpts -D	<pre>ns] {-i [-f] [-v] -r -D} <target></target></pre>			
Commands: -i [-f]	Enroll a target node and acquire [overwrite (-f)] the			
[-v]	Verify target (collector) integrity against known measurement.			
-r	Remove the target from the set of known reference measurements.			
-D Miscellaneous:	Display the configuration (target/ALL)			
-h -V	Show this help message Verbose mode. Multiple -V options increase the verbosity.			
Options: -u	Accept a measurement update during attestation, if there are any available.			
-l username -p port -c configfile	ssh username [ssh default] ssh port number [ssh default] Set configuration file [~/.openpts/openpts.conf]			
#				







	Асна, © 2012 IBM Сона, © 2012 IBM С. 20
Command line –D = Display report	ITUSIER BOOK
# openpts -D Show openpts config	
<pre>config file: //.openpts/conprts.conf uuid: b0d1787e-e211-11e1-a2ef-26e184ad7002 target[0] uuid: 5ad34db8-e224-11e1-af6b-16ac0a324902 target[0] config: //.openpts/5ad34db8-e224-11e1-af6b-16ac0a324902/target.conf target[0] hostname: indigo2 target[0] SSH remote user: root target[0] rm.compid.0.ModelName: IBM System P platform target[0] rm.compid.0.ModelSystemClass: firmware target[0] rm.compid.0.ModelSystemClass: firmware target[0] rm.compid.0.ModelSystemClass: so target[0] rm.compid.1.ModelSystemClass: os target[0] rm.compid.1.ModelName: IBM AIX Operating system target[0] rm.compid.1.VersionMajor: 7 target[0] rm.compid.1.VersionMinor: 1 target[0] rm.compid.1.VersionMinor: 1 target[0] rm.compid.1.VersionMinor: 1 target[0] rm.compid.1.VersionMinor: 1 target[0] rm.compid.1.VersionMinor: 1 target[1] config: //.opents/s6082c7e-e224-11e1-8948-16ac09e73d02/target.conf target[1] config: //.opents/s6082c7e-e224-11e1-8948-16ac09e73d02/target.conf target[1] sSH remote user: root target[1] mscompid.0.SimpleName: IBM System P platform target[1] rm.compid.0.ModelName: System P target[1] rm.compid.0.ModelName: IBM System P platform target[1] rm.compid.0.ModelName: IBM System P platform target[1] rm.compid.0.ModelSystemClass: firmware target[1] rm.compid.0.ModelSystemClass: firmware target[1] rm.compid.0.WedorID_Name: IBM target[1] rm.compid.1.SimpleName: IBM AIX Operating system target[1] rm.compid.1.SimpleName: IBM AIX Operating system target[1] rm.compid.1.WedelName: IBM AIX Operating system target[1</pre>	
target[1] rm.compid.1.TcgVendorId: 0x1014	





First Use	0. 18 00 112 IBM © 2012 IBM © 2012 IBM 23 184 404
Welcome info	ormation
Trusted Boot uses the Mrt Up to 60 LPARs per physic measures system boot, an boot image on disk, the er	Ial Trusted Platform Module (VTPM) as described by the Trusted Computing Group. :al system can be configured through the HMC to have their own unique VTPM. The vTPM d in association with the AJX Trusted Execution technology provides security and assurance of the titre OS, and application layers. 1 Add & Enroll
	Enter target system name or IP address: System name or IP address: indigo2 2 Enter SSH user name (if this field is left empty the current user name will be used): User name: root 3
	Add & Enrol] 4

Adde	d two hosts but not looking goo	104 80 2012 IBM 24 04 80 2012 IBM 24 104 40 40
List	Not Enrolled (I had ssh issues!)	
	Welcome Add & Erroll All (2) - Uddate pending (0) - Unknown state (0) - Not straiged (2) - Not trusted (0) - Not straiged (2) - Not straiged (2)	Last Update
And	ssh was asking for passwords – U	lah!
	• /opt/ibm/openpts_gui/openpts_GUI.sh The authenticity of host 'indiga2 (9,137,62,56)' car be established, RSA key fingerprint is Setbi2b117/coll32928898169443357eb5186;7d. Are you sure you want to continue connecting (yes/no)?	- -
	OpenPTS     Eile	
	Welcome Add & Enroll All (2) Trusted (0) Update pending (0) Unknown state (0) Error (0) Not enrolled Indigo2 Indigo3	









What if we fix	the network?	90 to 2012 IBM 90 to 2012 IBM 10 to 2012 IBM
<ul> <li>Same LPAR:</li> <li>Then Refrest</li> <li>OpenPTS</li> </ul>	ifconfig en0 up	
File File	Error Enroll Attest Disenroll Hostname indigo2	Last Update Thu Aug 09 17:27:41 BST 2012
OpenPTS     File		
Welcome Add & Erroll All (2) Update pending (0) Update pending (0) Error (0) Not enrolled (0) Not trusted (0)	Trusted           Attest         Disenroll           Indigo2         Hostname           indigo3         Indigo3	Last Upda Thu Aug 09 17:30:52 BST 2012 Thu Aug 09 17:30:53 BST 2012





