

OpenAttestation Trouble Shooting

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1 Server Installation

1.1 Lack of libraries when install server

Solution: Install Fedora 14+ with software development option

2 Client Installation

2.1 Client provisioning failed with nothing returned via run command "sh provisioner.sh"

Solution: shall start trousers daemon before client provisioning

- "service trousers start" on ubuntu
- "service tcspd start" on Fedora

2.2 Client provisioning failed with java errors

Solution: shall make sure TPM is enabled and TPM is clear

- Ensure TPM is enabled in BIOS
- Clear TPM ownership if TPM is taken before run command "
"\$Client_Install_Path/NIARL_TPM_Module -mode 2 -owner_auth
111"
- If the provisioning still does NOT work with error
"TpmModule.getPublicEndorsementKey returned nonzero error:" after the above steps, which means the platform does not have Endorsement Key initialized. You can install tpm tools (`apt-get install tpm-tools`) and run "tpm_createek" to initialize Endorsement Key.

2.3 Client provisioning failed with unresolved java package relevant errors

Solution: When build installation package, the java JDK library shall have the same version with client environment

2.4 Client provisioning failed with "Web Service Error: cannot access WSDL..." errors

Solution: Solve server name resolving issue

- Configure /etc/hosts for appraiser server properly
- Or make sure appraiser server and client are in same sub net.

2.5 Fedora 17 cannot enable TPM device by default installation

Solution: shall manually compile kernel 3.3.4 or 3.3.8 with "CONFIG_TCG_TPM = m" parameter.

3 *SDK API*

3.1 Cannot Access API through CURL or Python on ubuntu12.04

Solution: Shall specify "protocol = sslv3" in http header for Python, and "-sslv3" parameter for CURL

4 *Tboot Installation*

4.1 Cannot configure GRUB successfully for Tboot on Fedora 16+ with HP 8200

Solution: To configure GRUB successfully, shall install F16/17 in legacy mode (Press F9 in Boot Menu on HP 8200) instead of EFI mode on HP 8200 and some new PCs

4.2 Tboot command "txt-stat" returns "no SINIT AC module found" log

Solution: SINIT.bin version mismatched, shall download right SINIT.bin file