

Procedures to Change an IP Address on Thales 8000 Hardware Security Module (HSM)

Gold 1 Prod in



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Procedures to change an IP address on the Thales 8000

Hardware Security Module (HSM) – GOLD 1 Prod in [REDACTED]

PRECAUTIONARY STATEMENTS - READ ME FIRST

To remove or install the units in racks the individual physical keys controlled by the physical security manager are required. Note: When you power cycle / reboot the unit be sure to have the physical keys removed from the unit. If not, the LMKs will be erased at bootup and you will require the Security Officer smart cards to reload the LMKs.

PROCEDURES:

1. Make sure the Thales is connected to a 3153 console terminal.
2. Make sure the Ethernet port is connected to the patch panel.
3. Use the **QH** command to display the Current Settings, record the Current Settings.
4. Obtain one of the brass keys for the GOLD 1 Prod Thales (Keys are in the safes, you will need a Key Custodian to unlock the safe and hand you the brass key. Only one brass key is required for this procedure).
5. Put the Thales in an **Offline** state by inserting a brass key into the Thales and turning it gently (unless the rack is binding) to the indicated '**unlock**' position until the key stops at slight angle from vertical. Takes less than one turn. This puts the Thales in an **offline** status.
6. The console should now read: Offline>
7. Type in: **CH** <Return>
8. Enter IP address: [REDACTED] <Return>
9. Enter default gateway: [REDACTED] <Return>
10. Enter Subnet mask: [REDACTED] <Return>
11. After completing the procedure, turn the key locks to the **online** position and **remove** the key (Be sure to remove the Key!)
12. The console should now read: Online>
13. Use the **QH** command to display the current settings and verify your changes are correct.
14. Press the **RESET** button on the **front** panel. Hold down until the alarm led flashes and release. This reboots the system. The new values do not take effect until this is completed
15. Use the **QH** command to check the IP address.

	Current Settings	Jacksonville Settings

Record QH Current Settings here:

Message header length	04
Protocol	Ethernet
Character format	ASCII
IP Address	[REDACTED]
Well-Known-Port	[REDACTED]
Transport	UDP and TCP, 5 connections
TCP Keep_Alive value	[REDACTED]
Default Gateway address	[REDACTED]
Subnet Mask	[REDACTED]

Record QM Current Settings here:

IP Address	[REDACTED]
Default Gateway address	[REDACTED]
Subnet Mask	[REDACTED]