



Network Monitoring and Management

HP Configuration



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Accessing

- Using telnet or ssh (telnet by default)
- By default, no user, only a password:
- Password: `*****`
- `SW1#`
- Menu mode: not all options available!
- Shell mode: similar to Cisco IOS shell
- i.e.: spanning-tree not enabled by default, and cannot be enabled via the menu:
 - `SW1# conf t`
 - `SW1(config)# spanning-tree`

Hostname

- Like Cisco, but specify FQDN:
 - SW1# conf t
 - SW1 (config)# hostname sw1.ws.nsrc.org
 - SW1 (config)# ^Z
 - SW1#

DNS

- HP layer 2 switches don't support DNS resolution

NTP

- SW1# conf t
- SW1 (config)# sntp server 10.10.0.250
- SW1 (config)# sntp server unicast
- SW1 (config)# ^Z
- SW1#

SSH

- SW1 (config)# crypto key generate ssh
Installing new RSA key. If the key/ entropy cache is depleted, this could take up to a minute.
- SW1 (config)# ip ssh
- SW1 (config)# no telnet-server
- SW1 (config)# ^Z
- SW1# write mem
- SW1#

SSH is now enabled – by default the user you log in as is ignored, only the password matters. TELNET IS DISABLED!

Syslog

- SW1 (config)# logging 10.10.X.YY
- SW1 (config)# logging facility local5
- SW1 (config)# ^Z
- SW1# write mem

snmp

- SW1 (config)# snmp-server community public
- SW1 (config)# ^Z
- SW1# write mem

By default, community is RO (read only)

CDP and LLDP/802.1ab

- HP equipment supports both Cisco's discovery protocol (CDP) as well as the open standard 802.1ab (LLDP – Link Layer Discovery Protocol)
- By default, CDP is enabled
 - SW1 (config)# cdp run
 - SW1 (config)# cdp enable 1-24
 - SW1 (config)# ^Z
 - SW1# write mem

Questions?

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