Prerequisites

- HP NA 7.2+
- HP GbE2c Ethernet Blade Switch (version 1.0 or later)
- HP GbE2c Layer 2/3 Ethernet Blade Switch (version 1.1 or later)

Installation

1. Install HP NA
2. Place the *HP-GbE2c.rdp* device driver file on the HP NA system. You may have a driver extension directory already configured where other drivers are located,
3. Login to HP NA
4. Click **Admin > Administrative Settings > Server**
5. In the "Driver extension directory" text box, enter the directory where the RDP file was placed from step 2 (Ref: Figure 1)

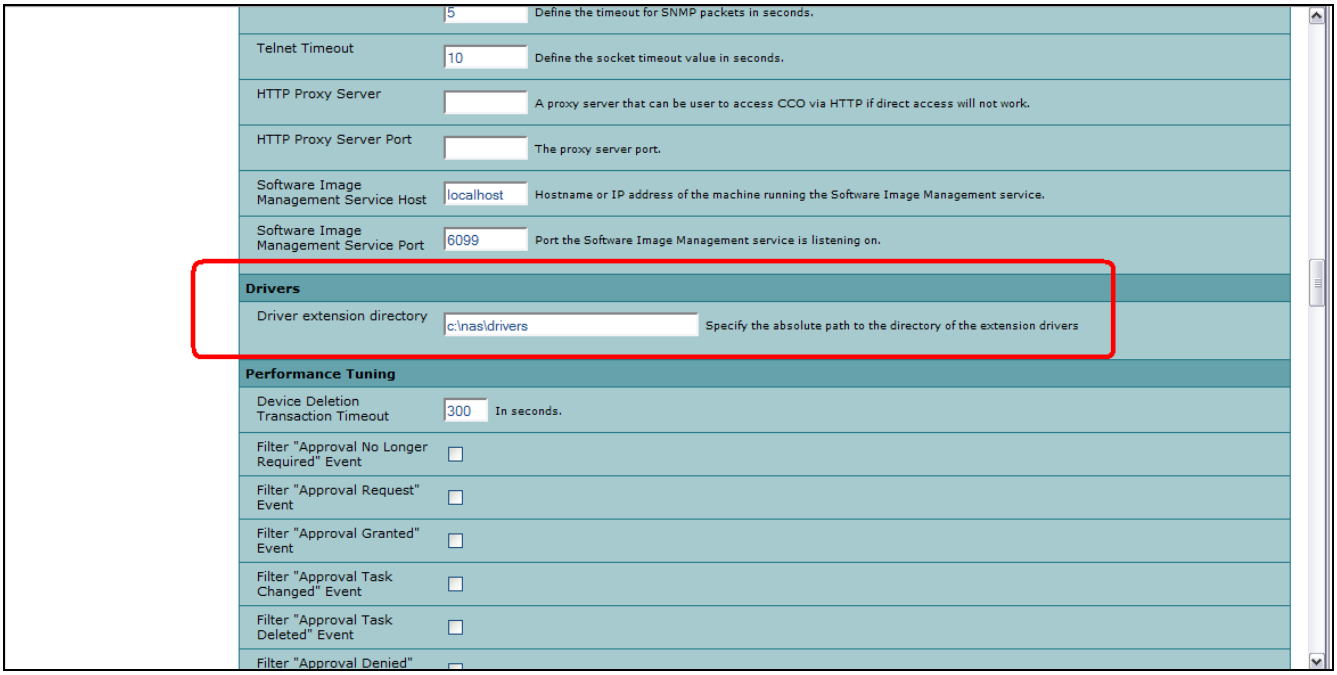

Figure 1 *Admin > Administrative Settings > Server Page showing Drivers section*

6. Click "Save" button located at the bottom of the page
7. Click **Admin > Drivers**
8. Click Reload Drivers link to load the newly added driver (Ref: Figure 2). If the driver is loaded successfully, it is listed as "HP GbE2c Ethernet Blade Switch for HP c-Class BladeSystem".
   Note: It has been observed at times that HP NA doesn't load the drivers immediately. You may

have to click Reload Drivers couple of times to achieve this.

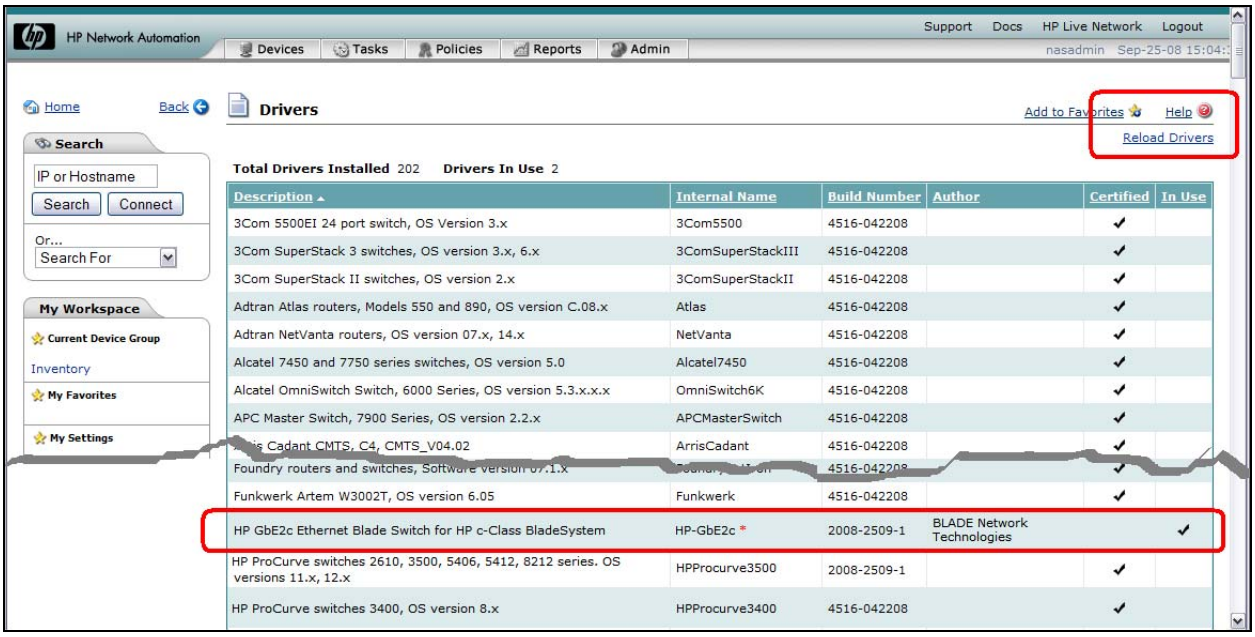

Figure 2 *Admin > Drivers page*

Usage

1. To discover the device click **Devices > New Device** to launch New Device page.
2. Fill in the following information (Ref: Figure 3)
    a. IP Address of the switch
    b. Select “Auto Discover Driver” option for “Device Driver”
    c. Select “Use device-specific password information” under “Password Information” and fill-in the User Name, Password, Confirm Password, SNMP Read-Only Community String and SNMP Read/Write Community String information (the rest of the fields can be blank).
    d. Click “Save Device” button to discover the switch. Here, HP NA assigns the appropriate driver based on sysObjectID.

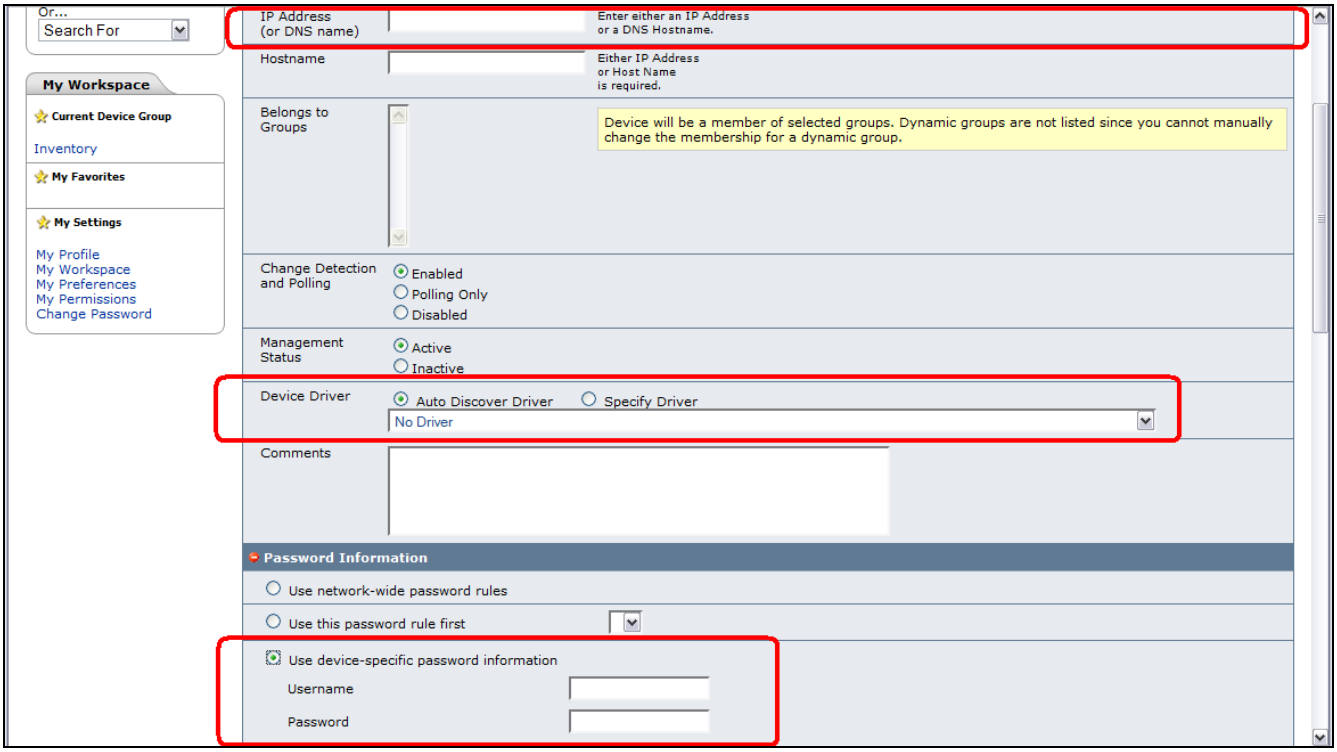

Figure 3 *Devices > New Device page*

3. If “Save Device” succeeds, HP NA discovers the device and shows the device specific information in “Task Information” page (Ref: Figure 4).

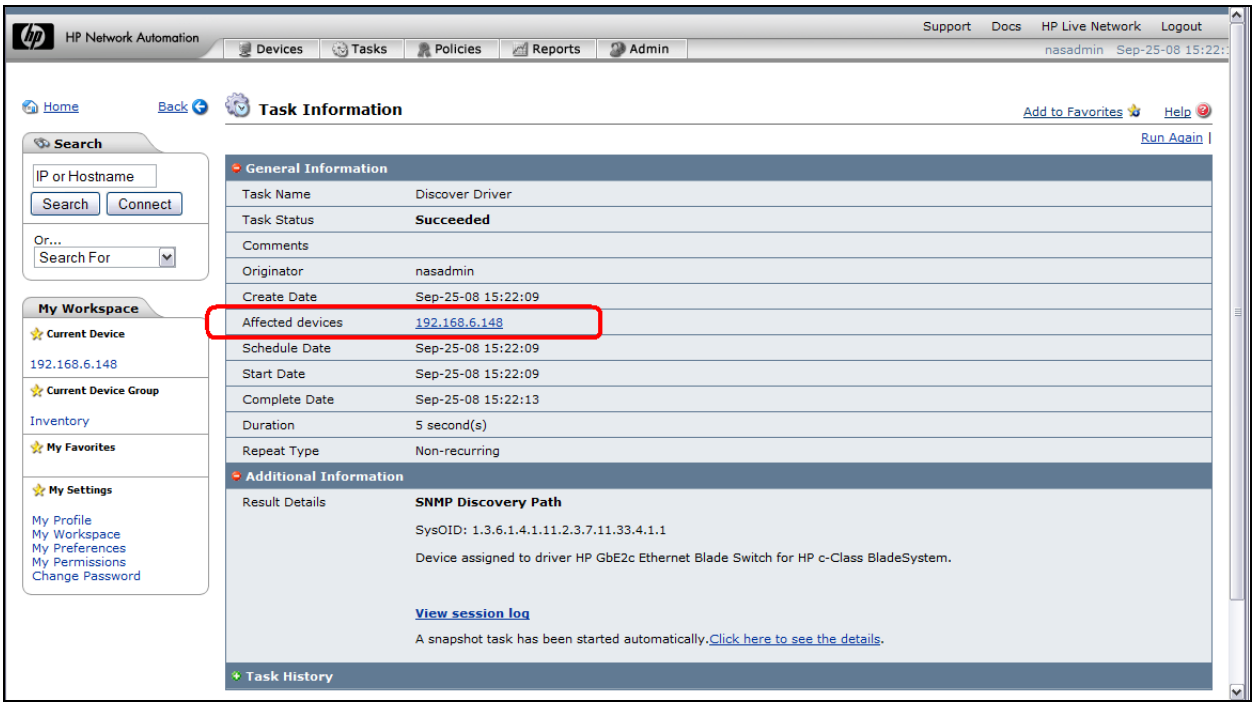

Figure 4 *Task Information page*

4. To view the device information, click the device IP address link shown in “Task Information” page under “Affected devices” (Ref: Figure 5) or you can search the IP address through “Search” panel shown in the left side of the page.
5. For checking other device specific details, it is required to take the snap shot of the device first. Click **Edit & Provision > Take Snapshot** to take the snap shot (Ref: Figure 5).

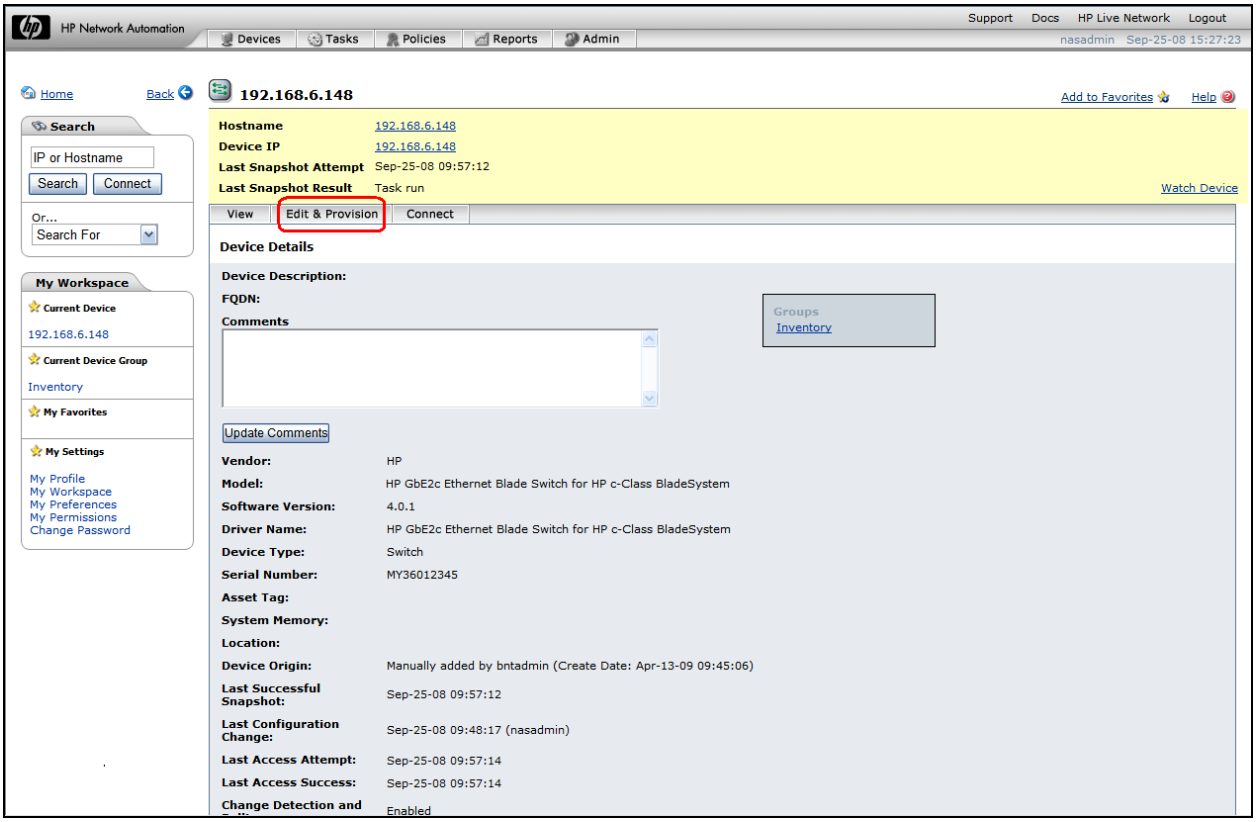

Figure 5 *Device Details page*

6. In the resulting "**New Task**" page (Ref: Figure 6), press "Save Task" button to start the task (this page can also be used to set various options). Taking snapshot usually takes few minutes to complete. When it is running the "Task Status" label displays the message "**Running**" with a progress bar.

   Upon successful completion of taking snapshot, the "Task Information" page shows addition details with Task Status set to "Succeeded" (Ref: Figure 7).

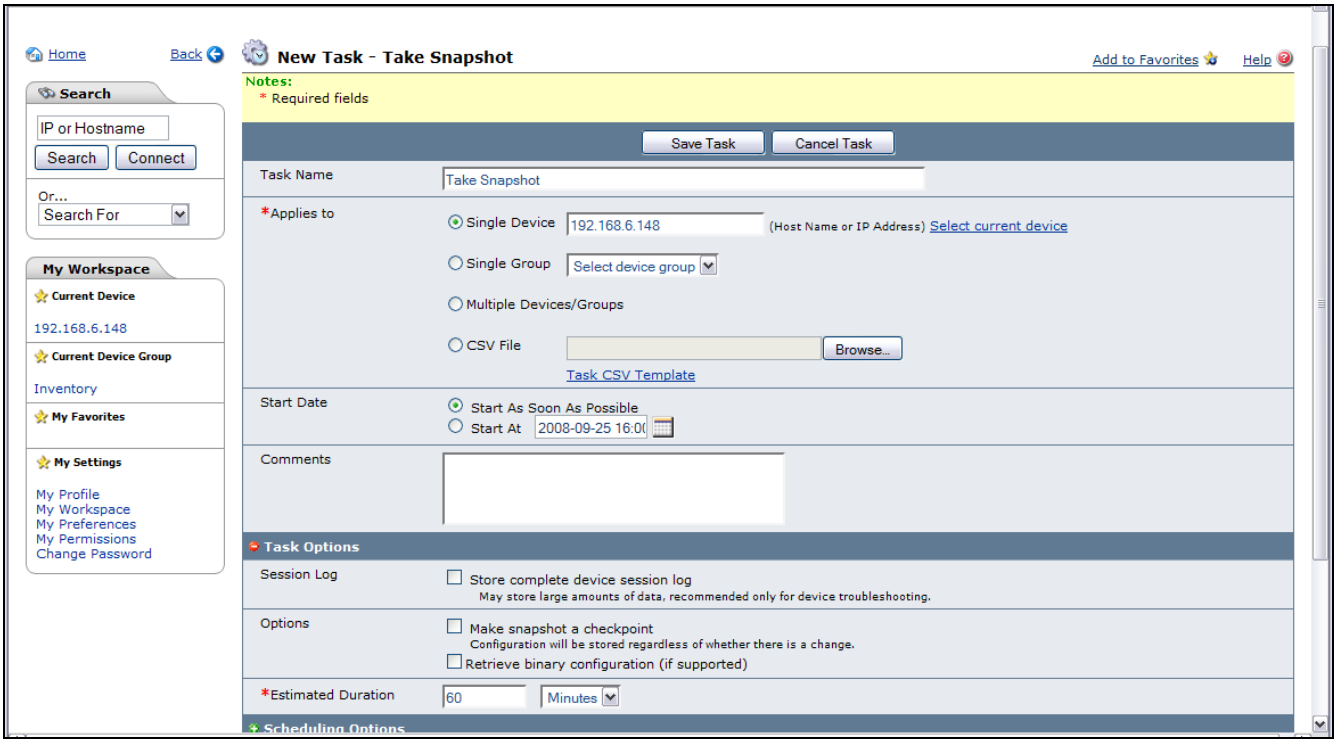

Figure 6 *New Task > Take Snapshot page*

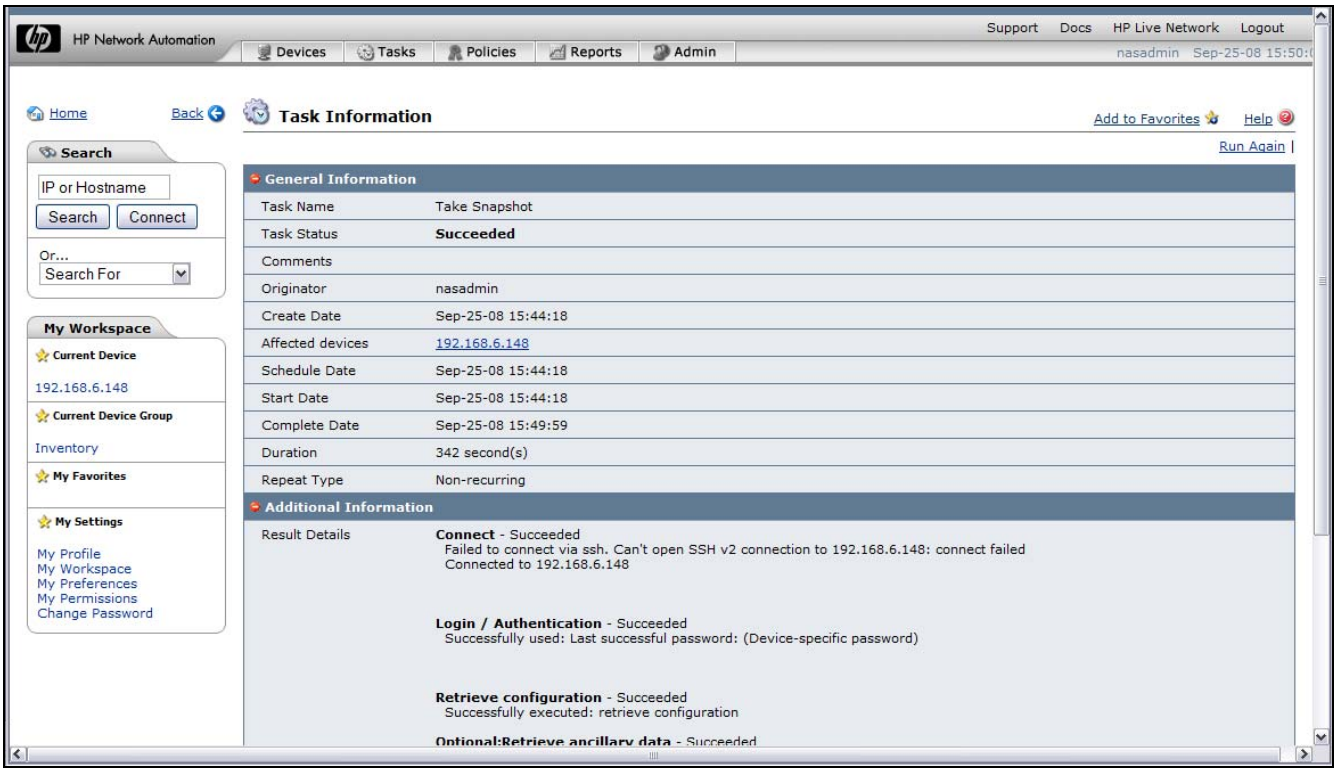

Figure 7 *Task Information page showing the details after successfully gathering the snapshot*

7. To view the other details, click the device IP address link of “Affected devices” label, which brings up the device details page (Ref: Figure 5).

HP NA features of the HP GbE2c driver at a glance

	Feature	CLI	SNMP	TFTP/CLI
X	**Driver Discovery**	n/a	X	n/a
X	**General Access** (*CLI protocols: telnet, ssh1, ssh2, console*)	X		X
X	**Configuration Snapshot** (*Startup configuration captured: yes*)	X		X
X	**Device information parsing**	X		X
X	**Enhanced Layer2 Basic IP information parsing**	X		X
X	**Configuration Deployment** (Destinations: to running, to startup with reboot)			X
X	**Routing Table**	X		
X	**OSPF Neighbors**	X		
X	**Interfaces**	X		
	Modules and Inventory			
	Flash Storage Space			
	File System			
	Uptime			
	ICMP Test			
X	**Topology Parsing**	X		
	Duplex Mismatch Parsing			
X	**Software Center**	X		
X	**Password Management** (*Can modify: admin/oper/user password, read-only community strings, read/write community strings*)	X		
X	**Syslog Configuration and Change Detection**	X		
X	**Custom Scripts and Diagnostics** (***Bulk deploy available***).	X		
X	**ACL Management**	X		
	Configlet Parsing			

Note: The following access methods are not supported:

TFTP, TFTP/SNMP, FTP, FTP/CLI, FTP/SNMP, SCP, SCP/CLI, SCP/SNMP