



CHAPTER 9

Discovery Automation Tool

You can use the Discovery Automation tool to discover DCNM-SAN, DCNM-LAN, and vCenter. After Cisco DCNM is installed, this tool requires the IP address and user credentials of the seed switch in DCNM-SAN, DCNM-LAN, and vCenter.

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Installing Discovery Automation

After you install Cisco DCNM, you can find the Discovery Automation tool installation information here:

- Batch files execute the Discover Fabric tool are located:
 - On Windows at `<DCNM install dir>/dcm/fm/bin/DiscoverFabric.bat`
 - On Linux at `DiscoverFabric.sh`
- The jars are available at `<DCNM install dir>dcm/fm/lib/`.

The webservices used are:

- SAN discovery— SANWS to `discoverFabricWithServer`
- LAN discovery— SANWS to `discoverLan`
- vCenter discovery— SANWS to `addVirtualCenter`

Using the Discovery Automation Tool

To use the discovery automation tool, enter the following command:

DiscoverFabric `<FMServerIP> <FMUserName> <FMPassword> <Fabric-info file name- absolute path>` [FM Server Port] (Optional-Default value is 80).

The fabric-info filename contains the DCNM-SAN, DCNM-LAN, and vCenter information and should be in the following format:

- For SAN SNMP v2— SeedSwitch IP, Community String, FM Server IP/Hostname
- For SAN SNMP v3— SeedSwitch IP, UserName,Password, Protocol, FM Server IP/Hostname
- For LAN SNMP v2— SeedSwitch IP, Community String, FM Server IP/Hostname

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- For LAN SNMP v3— SeedSwitch IP, Snmp Version, UserName, Password, maxHop, enablePwd, groupDbId, Protocol, FM Server IP/Hostname
- For VCENTER—VirtualCenter IP, UserName, Password
- For deepDiscover— between protocol and serverIP.