



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.

- [Installing Discovery Automation, page 9-1](#)
- [Using the Discovery Automation Tool, page 9-1](#)

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

- 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.