



Network Segmentation Manager

This chapter describes how to identify and resolve problems with Network Segmentation Manager (NSM).

Information About Network Segmentation Manager

See the *Cisco Nexus 1000V for Hyper-V Network Segmentation Manager Configuration Guide, Release 5.2(1)SM1(5.1)* for more information.

Problems with Network Segmentation Manager

For more information about problems with NSM, see the [“Problems with Port Profiles”](#) section on [page 8-2](#).

Network Segmentation Manager Troubleshooting Commands

You can use the commands in this section to troubleshoot problems related to the Network Segmentation Manager.

Command	Purpose
show nsm ip pool template name <i>name</i>	Displays the IP pool template information.
show nsm ip pool template usage network segment	Displays the network segment using an IP pool template.
show nsm logical network <i>name</i>	Displays the NSM logical network name.
show nsm network segment brief	Displays brief information about the network segment information.
show nsm network segment filter network segment pool <i>name</i>	Displays the filtered information for a network segment pool.
show nsm network segment filter vlan <i>vlan_ID</i>	Displays the network segment VLAN information.
show nsm network segment filter pvlan host <i>vlan_ID</i>	Displays the network segment PVLAN host information.
show nsm network segment filter pvlan primary <i>vlan_ID</i>	Displays the network segment PVLAN primary mode information.
show nsm network segment filter pvlan promiscuous <i>vlan_ID</i>	Displays the network segment PVLAN promiscuous mode information.
show nsm network segment filter pvlan secondary <i>vlan_ID</i>	Displays the network segment PVLAN information for a specified secondary VLAN.
show nsm network segment name <i>name</i>	Displays network segment information.
show nsm network segment pool <i>name</i>	Displays network segment pool information.
show nsm network uplink brief	Displays brief information about the network segment uplink.
show nsm network uplink filter import <i>Ethernet Port-Profile name</i>	Displays network segment uplink information filtered by Ethernet policy port profile.
show dynamic-port-profile	Displays dynamic port profile information.
show dynamic-port-profile <i>name</i>	Displays dynamic port profile information for the specified port profile.
show dynamic-port-profile inherit <i>name</i>	Displays dynamic port profiles with inherited vEthernet policy profiles.
show dynamic-port-profile network segment <i>name</i>	Displays dynamic port profile network segment information.

For detailed information about **show** command output, see the *Cisco Nexus 1000V for Microsoft Hyper-V Command Reference, Release 5.2(1)SM1(5.1)*.