



## New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Virtual Security Gateway for Nexus 1000V Series Switch Configuration Guide, Release 4.2(1)VSG1(3.1)*. The latest version of this document is available at the following Cisco website: <http://www.cisco.com/go/techdocs>.

To check the additional information about Release 4.2(1)VSG1(3.1), see the *Cisco Virtual Security Gateway for Nexus 1000V Series Switch Release Notes, Release 4.2(1)VSG1(3.1)* available at the following Cisco website: <http://www.cisco.com/go/techdocs>.

Table 1 summarizes the new and changed features for the *Cisco Virtual Security Gateway for Nexus 1000V Series Switch Configuration Guide, Release 4.2(1)VSG1(3.1)*.

**Table 1** *New and Changed Information in Release 4.2(1)VSG1(3.1)*

Feature	Description	Changed in Release	Where Documented
Cisco VSG support in the Layer 2 and Layer 3 mode	Time out for the fast connection between the Cisco VSG and VEM.	Release 4.2(1)VSG1(3.1)	<a href="#">Fast Path Connection Timeouts, page 1-4</a>
	The Cisco VSG deployment in the Layer 3 mode. The VEM and the Cisco VSG communicate with each other through a vmknic.		<a href="#">Cisco VSG Deployment Scenarios, page 1-8</a>
	The sequence to follow when configuring a Cisco VSG in the Layer 2 and Layer 3 mode.		<ul style="list-style-type: none"> <li>• <a href="#">Sequence in Configuring a Cisco VSG in the Layer 2 Mode, page 1-13</a></li> <li>• <a href="#">Sequence in Configuring a Cisco VSG in the Layer 3 Mode, page 1-14</a></li> </ul>
	The sequences to follow when migrating the Cisco VSG deployment from Layer 2 to Layer 3 mode.		<a href="#">Migrating from Layer 2 Mode to Layer 3 Mode, page 1-15</a>
	Configuration of the IP address and the security port-profile on the VSM for a Cisco VSG in the Layer 2 and Layer 3 mode.		<ul style="list-style-type: none"> <li>• <a href="#">Configuring the Port Profile on the VSM for a Cisco VSG in the Layer 2 Mode, page 3-1</a></li> <li>• <a href="#">Configuring the Port Profile on the VSM for a Cisco VSG in the Layer 3 Mode, page 3-3</a></li> </ul>

**Table 1** *New and Changed Information in Release 4.2(1)VSG1(3.1) (continued)*

Feature	Description	Changed in Release	Where Documented
Cisco VSG support in the Layer 2 and Layer 3 mode	The vPath ping command examples to verify various connections and reachable attributes of the VSG VSN in the Layer 3 mode.	Release 4.2(1)VSG1 (3.1)	<a href="#">vPath Ping Command for the Layer 3 Mode, page 3-11</a>
TCP state-checks	Enabled by default, performs TCP state-checks on the vPath.	4.2(1)VSG1 (2)	<a href="#">Configuring TCP State-Checks for All Cisco VSG VSNs in a vPath, page 3-7</a>
vPath Ping	Verifies the connectivity and reachability of the VSG VSNs in the vPath.	4.2(1)VSG1 (2)	<a href="#">Verifying the Cisco VSG Configuration, page 3-9</a>