



## Monitoring Cisco Nexus 1000V

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### Problems with Monitoring the Cisco Nexus 1000V

This section includes symptoms and solutions for the following problems while you monitor the Cisco Nexus 1000V.

Symptom	Verification and Solution
<b>Dashboard Tab</b>	
The Cisco Nexus 1000V displays the wrong system detail values.	<ol style="list-style-type: none"> <li>1 In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/summary</b> command.</li> <li>2 In the ciscoExt.log, check for the content after the following line: GET/api/vc/summary HTTP/1.1</li> <li>3 Compare the values.</li> <li>4 If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>
The Cisco Nexus 1000V displays wrong network statistic values.	<ol style="list-style-type: none"> <li>1 In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/limits</b> command.</li> <li>2 In the ciscoExt.log, check for the content after the following line: GET/api/vc/limits HTTP/1.1</li> <li>3 Compare the values.</li> <li>4 If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>

Symptom	Verification and Solution
The Cisco Nexus 1000V displays the wrong licenses.	<ol style="list-style-type: none"> <li><b>1</b> In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/license</b> command.</li> <li><b>2</b> In the ciscoExt.log, check for the content after the following line: GET/api/vc/license HTTP/1.1</li> <li><b>3</b> Compare the values.</li> <li><b>4</b> If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>
<b>Switch Tab</b>	
The Cisco Nexus 1000V displays the wrong host/Virtual Ethernet Module (VEM) values.	<ol style="list-style-type: none"> <li><b>1</b> In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vem?bulk=1:50</b> command. <ul style="list-style-type: none"> <li><b>Note</b> For Release 4.2(1)SV2(1.1a), enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vem</b> command.</li> <li>In the ciscoExt.log, check for the content after the following line: GET /api/vc/vem HTTP/1.1</li> </ul> </li> <li><b>2</b> In the ciscoExt.log, check for the content after the following line: GET/api/vc/vem?bulk=1:50 HTTP/1.1</li> <li><b>3</b> Compare the values.</li> <li><b>4</b> If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>

Symptom	Verification and Solution
<p>The Cisco Nexus 1000V displays wrong VM info values.</p>	<ol style="list-style-type: none"> <li>1 In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vnic?bulk=1:50</b> command. <ul style="list-style-type: none"> <li><b>Note</b> For Release 4.2(1)SV2(1.1a), enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vnic</b> command.</li> </ul> <p>In the ciscoExt.log, check for the content after the following line: GET /api/vc/vnic HTTP/1.1</p> </li> <li>2 In the ciscoExt.log, check for the content after the following line: GET/api/vc/vnic?bulk=1:50 HTTP/1.1</li> <li>3 Compare the values.</li> <li>4 If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>
<p>The Cisco Nexus 1000V displays wrong port profile values.</p>	<ol style="list-style-type: none"> <li>1 In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/port-profile?bulk=1:50</b> command. <ul style="list-style-type: none"> <li><b>Note</b> For Release 4.2(1)SV2(1.1a), enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/port-profile</b> command.</li> </ul> <p>In the ciscoExt.log, check for the content after the following line: GET /api/vc/port profile HTTP/1.1</p> </li> <li>2 In the ciscoExt.log, check for the content after the following line: GET/api/vc/port-profile?bulk=1:50 HTTP/1.1</li> <li>3 Compare the values.</li> <li>4 If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>

Symptom	Verification and Solution
The Cisco Nexus 1000V displays wrong vNICs.	<p><b>1</b> In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vnic?bulk=1:50</b> command.</p> <p><b>Note</b> For Release 4.2(1)SV2(1.1a), enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vnic</b> command.</p> <p>In the ciscoExt.log, check for the content after the following line: GET /api/vc/vnic HTTP/1.1</p> <p><b>2</b> In the ciscoExt.log, check for the content after the following line: GET/api/vc/vnic?bulk=1:50 HTTP/1.1</p> <p><b>3</b> Compare the values.</p> <p><b>4</b> If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</p>
The Cisco Nexus 1000V displays wrong uplinks.	<p><b>1</b> In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/uplink?bulk=1:50</b> command.</p> <p><b>Note</b> For Release 4.2(1)SV2(1.1a), enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/uplink</b> command.</p> <p>In the ciscoExt.log, check for the content after the following line: GET /api/vc/uplink HTTP/1.1</p> <p><b>2</b> In the ciscoExt.log, check for the content after the following line: GET/api/vc/uplink?bulk=1:50 HTTP/1.1</p> <p><b>3</b> Compare the values.</p> <p><b>4</b> If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</p>
<b>Hosts/VEM Tab</b>	

Symptom	Verification and Solution
The Cisco Nexus 1000V displays wrong host values.	<ol style="list-style-type: none"> <li data-bbox="951 306 1518 401">1 In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vem</b> command.</li> <li data-bbox="951 422 1518 485">2 In the ciscoExt.log, check for the content after the following line: GET/api/vc/vem HTTP/1.1</li> <li data-bbox="951 506 1209 527">3 Compare the values.</li> <li data-bbox="951 548 1518 611">4 If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>
The Cisco Nexus 1000V displays wrong VM info values	<ol style="list-style-type: none"> <li data-bbox="951 680 1518 774">1 In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vnic?bulk=1:50</b> command.   <b>Note</b> For Release 4.2(1)SV2(1.1a), enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vnic</b> command.             In the ciscoExt.log, check for the content after the following line: GET /api/vc/vnic HTTP/1.1</li> <li data-bbox="951 1005 1518 1089">2 In the ciscoExt.log, check for the content after the following line: GET/api/vc/vnic?bulk=1:50 HTTP/1.1</li> <li data-bbox="951 1110 1209 1131">3 Compare the values.</li> <li data-bbox="951 1152 1518 1215">4 If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>

Symptom	Verification and Solution
<p>The Cisco Nexus 1000V displays wrong port group values.</p>	<ol style="list-style-type: none"> <li data-bbox="915 306 1479 428">1 In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/port-profile?bulk=1:50</b> command.           <p data-bbox="951 449 1479 541"><b>Note</b> For Release 4.2(1)SV2(1.1a), enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/port-profile</b> command.</p> <p data-bbox="1045 558 1479 646">In the ciscoExt.log, check for the content after the following line: GET /api/vc/port-profile HTTP/1.1</p> </li> <li data-bbox="915 655 1479 747">2 In the ciscoExt.log, check for the content after the following line: GET/api/vc/port-profile?bulk=1:50 HTTP/1.1</li> <li data-bbox="915 764 1170 793">3 Compare the values.</li> <li data-bbox="915 814 1479 873">4 If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>
<p>The Cisco Nexus 1000V displays the wrong vNICs.</p>	<ol style="list-style-type: none"> <li data-bbox="915 951 1479 1043">1 In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vnic?bulk=1:50</b> command.           <p data-bbox="951 1060 1479 1152"><b>Note</b> For Release 4.2(1)SV2(1.1a), enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/vnic</b> command.</p> <p data-bbox="1045 1169 1479 1262">In the ciscoExt.log, check for the content after the following line: GET /api/vc/vnic HTTP/1.1</p> </li> <li data-bbox="915 1270 1479 1362">2 In the ciscoExt.log, check for the content after the following line: GET/api/vc/vnic?bulk=1:50 HTTP/1.1</li> <li data-bbox="915 1379 1170 1409">3 Compare the values.</li> <li data-bbox="915 1430 1479 1488">4 If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li> </ol>

Symptom	Verification and Solution
The Cisco Nexus 1000V displays the wrong uplinks.	<ol style="list-style-type: none"><li data-bbox="951 306 1518 401">1 In a Linux VM or a Cisco Virtual Switch Update Manager VM, enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/uplink?bulk=1:50</b> command. <b>Note</b> For Release 4.2(1)SV2(1.1a), enter the <b>curl -u admin:Sfish123 &lt;vsm ip&gt;/api/vc/uplink</b> command. In the ciscoExt.log, check for the content after the following line: GET /api/vc/uplink HTTP/1.1</li><li data-bbox="951 625 1518 720">2 In the ciscoExt.log, check for the content after the following line: GET/api/vc/uplink?bulk=1:50 HTTP/1.1</li><li data-bbox="951 735 1209 766">3 Compare the values.</li><li data-bbox="951 781 1518 844">4 If there is a difference in values, send the log files to the Cisco Technical Assistance Center.</li></ol>

