



Event Notifications

Cisco Enterprise NFVIS generates event notifications for key events. A NETCONF client can subscribe to these notifications for monitoring the progress of configuration activation and the status change of the system and VMs.

There are two types of event notifications: `nfvisEvent` and `vmlcEvent` (VM life cycle event)

To receive event notifications automatically, you can run the NETCONF client, and subscribe to these notifications using the following NETCONF operations:

- `--create-subscription=nfvisEvent`
- `--create-subscription=vmlcEvent`

You can view NFVIS and VM life cycle event notifications using the **`show notification stream nfvisEvent`** and **`show notification stream vmlcEvent`** commands respectively.

- [nfvisEvent, on page 2](#)
- [vmlcEvent, on page 11](#)

nfvisEvent

Event Type	Notification Trigger	Notification Output Example
WAN_DHCP_RENEW	DHCP renew operation is performed.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:conf:notification:1.0"> <eventTime>2017-04-26T18:06:46.142089+00:00</eventTime> <nfvisEvent xmlns="http://www.cisco.com/nfvis/notifier"> <user_id>NA</user_id> <config_change>>false</config_change> <transaction_id>0</transaction_id> <status>SUCCESS</status> <status_code>0</status_code> <status_message>Wan DHCP IP address is being renewed</status_message> <details>NA</details> <event_type>WAN_DHCP_RENEW</event_type> </nfvisEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
INTF_STATUS_CHANGE	Interface status is changed.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:ns:notification:1.0" xmlns:nfvis="urn:cisco.com:nfvis:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:cisco.com:nfvis:notification:1.0 http://www.cisco.com/nfvis/notification:1.0"> <eventTime>2017-04-28T18:12:09.96356+00:00</eventTime> <nfvisEvent xmlns="http://www.cisco.com/nfvis/notifier"> <event_type>INTF_STATUS_CHANGE</event_type> <intf_name>eth7</intf_name> <intf_prv_op>up</intf_prv_op> <intf_op>down</intf_op> <intf_prv_link>down</intf_prv_link> <intf_link>down</intf_link> </nfvisEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
NETWORK_CREATE	A network is created.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:ns:notification:1.0"> <eventTime>2016-09-22T12:41:04.564298+00:00</eventTime> <nfvisEvent xmlns="http://www.cisco.com/nfvis/notifier"> <user_id>admin</user_id> <config_change>true</config_change> <transaction_id>0</transaction_id> <status>SUCCESS</status> <status_message>Network created successfully</status_message> <event_type>NETWORK_CREATE</event_type> <network_name>testn1</network_name> <network_bridge>test-net-br</network_bridge> <network_sriov>>false</network_sriov> <network_vlan/> <network_trunk/> </nfvisEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
NETWORK_UPDATE	A network is updated.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:cisco.com:ns:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:cisco.com:ns:notification:1.0 http://www.cisco.com/nfvis/notifier" > <eventTime>2016-09-22T12:42:03.391986+00:00</eventTime> <nfvisEvent xmlns="http://www.cisco.com/nfvis/notifier" > <user_id>admin</user_id> <config_change>true</config_change> <transaction_id>0</transaction_id> <status>SUCCESS</status> <status_message>Network updated successfully</status_message> <event_type>NETWORK_UPDATE</event_type> <network_name>testn1</network_name> <network_bridge/> <network_sriov/> <network_vlan/> <network_trunk/> </nfvisEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
NETWORK_DELETE	A network is deleted.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rsse:notification:1.0"> <eventTime>2016-09-22T12:42:03.391986+00:00</eventTime> <nfvisEvent xmlns="http://www.cisco.com/nfvis/notifier"> <user_id>admin</user_id> <config_change>true</config_change> <transaction_id>0</transaction_id> <status>SUCCESS</status> <status_message>Network deleted successfully</status_message> <event_type>NETWORK_DELETE</event_type> <network_name>testn1</network_name> <network_bridge/> <network_sriov/> <network_vlan/> <network_trunk/> </nfvisEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
UPGRADE_REGISTER	System upgrade is registered.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:ns:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:ietf:params:xml:ns:notification:1.0 http://www.cisco.com/nfvis/notifier"> <eventTime>2017-04-28T15:57:50.436360:00</eventTime> <nfvisEvent xmlns="http://www.cisco.com/nfvis/notifier"> <user_id>NA</user_id> <config_change>true</config_change> <transaction_id>0</transaction_id> <status>SUCCESS</status> <status_code>0</status_code> <status_message>Upgrade package registration successful: Cisco_VS_Signat-361-08-21702-001/nfvisig/status_message <event_type>UPGRADE_REGISTER</event_type> </nfvisEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
UPGRADE_APPLY	System upgrade is applied.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:ietf:params:xml:rs:notification:1.0 http://www.cisco.com/nfvis/notifier"> <eventTime>2017-04-20T16:02:43.8851600:00</eventTime> <nfvisEvent xmlns="http://www.cisco.com/nfvis/notifier"> <user_id>NA</user_id> <config_change>true</config_change> <transaction_id>0</transaction_id> <status>SUCCESS</status> <status_code>0</status_code> <status_message>Upgrade Process: In Progress</status_message> <event_type>UPGRADE_APPLY</event_type> </nfvisEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
ROTATED_LOGS_DELETE	Rotated logs older than 30 days are deleted by the system.	<pre> <?xml version="1.0" encoding="UTF-8"?> <rpc-reply xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="1"> <ok/> </rpc-reply> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:ns:netconf:notification:1.0"> <eventTime>2017-04-28T17:38:10.321152+00:00</eventTime> <nfvisEvent xmlns="http://www.cisco.com/nfvis/notifier"> <user_id>NA</user_id> <config_change>true</config_change> <transaction_id>0</transaction_id> <status>SUCCESS</status> <status_code>0</status_code> <status_message>Deleted rotated logs from archive older than 30 days</status_message> <details>NA</details> <event_type>ROTATED_LOGS_DELETE</event_type> </nfvisEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
ROTATED_LOGS_DELETE	Older logs deleted by the system when the total file size of rotated logs exceeds 2GB.	<pre> <?xml version="1.0" encoding="UTF-8"?> <rpc-reply xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="1"> <ok/> </rpc-reply> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:ns:netconf:notification:1.0"> <eventTime>2017-04-26T17:42:10.321524000</eventTime> <nfvisEvent xmlns="http://www.cisco.com/nfvis/notifier"> <user_id>NA</user_id> <config_change>true</config_change> <transaction_id>0</transaction_id> <status>SUCCESS</status> <status_code>0</status_code> <status_message>Rotated logs had exceeded 2G, older logs have been deleted to make space</status_message> <details>NA</details> <event_type>ROTATED_LOGS_DELETE</event_type> </nfvisEvent> </notification> </pre>

vmlcEvent

Event Type	Notification Trigger	Notification Output Example
CREATE_IMAGE	The VM image is registered.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:notification:1.0"> <eventTime>2016-11-17T17:12:30.76400:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Image creation completed successfully.</status_message> <image>isrv-universalk9.16.03.01.tar.gz</image> <vm_source></vm_source> <vm_target></vm_target> <event> <type>CREATE_IMAGE</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
DELETE_IMAGE	The VM image is unregistered.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rsse:notification:1.0"> <eventTime>2016-11-17T17:14:51.169+00:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Image deletion completed successfully.</status_message> <image>isrv-universalk9.16.03.01.tar.gz</image> <vm_source></vm_source> <vm_target></vm_target> <event> <type>DELETE_IMAGE</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
CREATE_FLAVOR	A flavor is created.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:retrofit:notification:1.0"> <eventTime>2016-11-17T17:12:29.685+00:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfv/vis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Flavor creation completed successfully.</status_message> <flavor>ISRV-small</flavor> <vm_source></vm_source> <vm_target></vm_target> <event> <type>CREATE_FLAVOR</type> </event> </vmlcEvent> </notification> </pre>
DELETE_FLAVOR	A flavor is deleted.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:retrofit:notification:1.0"> <eventTime>2016-11-17T17:14:51.425+00:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfv/vis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Flavor deletion completed successfully.</status_message> <flavor>ISRV-small</flavor> <vm_source></vm_source> <vm_target></vm_target> <event> <type>DELETE_FLAVOR</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
VM_DEPLOYED	The VM is deployed.	

Event Type	Notification Trigger	Notification Output Example
		<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:ns:notification:1.0"> <eventTime>2016-11-17T17:19:16.927400:00</eventTime> <vmIcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>VIM Driver: VM successfully created, VM Name: <depname>1479341445</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <epid>c6479b-329-41a8-8114-c8042731a5</epid> <vm_group>ROUTER</vm_group> <vm_source> <nic>d181e52-8038-44f2-ab66-d4481790b79</nic> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> <interfaces> <interface> <nicid>0</nicid> <port_id>vnet0</port_id> <network>int-mgmt-net</network> <subnet>N/A</subnet> <ip_address>10.20.0.2</ip_address> <mac_address>52:54:00:31:c5:7f</mac_address> <netmask>255.255.255.0</netmask> <gateway>10.20.0.1</gateway> </interface> <interface> <nicid>1</nicid> <port_id>vnet1</port_id> </pre>

Event Type	Notification Trigger	Notification Output Example
		<pre><network>wan-net</network> <subnet>N/A</subnet> <mac_address>52:54:00:59:52:41</mac_address> <netmask>255.255.255.0</netmask> <gateway>172.19.181.152</gateway> </interface> </interfaces> </vm_source> <vm_target></vm_target> <event> <type>VM_DEPLOYED</type> </event> </vmlcEvent> </notification></pre>

Event Type	Notification Trigger	Notification Output Example
VM_ALIVE	The state of a monitored VM becomes ACTIVE.	

Event Type	Notification Trigger	Notification Output Example
		<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:ns:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:ietf:params:xml:ns:notification:1.0 http://www.cisco.com/nfvis/vm_lifecycle"> <eventTime>2016-11-17T17:22:47.306+00:00</eventTime> <vmlcEvent <status>SUCCESS</status> <status_code>200</status_code> <status_message>VM Alive event received, VM ID: <depname>1479341445</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <depid>64791b-3a29-41a8-8114-c0042731a5</depid> <vm_group>ROUTER</vm_group> <vm_source> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> <interfaces> <interface> <nicid>0</nicid> <port_id>vnet0</port_id> <network>int-mgmt-net</network> <subnet>N/A</subnet> <ip_address>10.20.0.2</ip_address> <mac_address>52:54:00:31:c5:7f</mac_address> <netmask>255.255.255.0</netmask> <gateway>10.20.0.1</gateway> </interface> <interface> <nicid>1</nicid> <port_id>vnet1</port_id> </pre>

Event Type	Notification Trigger	Notification Output Example
		<pre><network>wan-net</network> <subnet>N/A</subnet> <mac_address>52:54:00:59:52:41</mac_address> <netmask>255.255.255.0</netmask> <gateway>172.19.181.152</gateway> </interface> </interfaces> </vm_source> <vm_target></vm_target> <event> <type>VM_ALIVE</type> </event> </vmlcEvent> </notification></pre>

Event Type	Notification Trigger	Notification Output Example
VM_UNDEPLOYED	The VM is undeployed.	

Event Type	Notification Trigger	Notification Output Example
		<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:ns:notification:1.0"> <eventTime>2016-11-17T17:31:40.6400:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>204</status_code> <status_message>VIM Driver: VM successfully deleted</status_message> <depname>1479341445</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <dep_id>6479b329-41a8-8114-8042731a5</dep_id> <vm_group>ROUTER</vm_group> <vm_source> <vm_id>18b252-808-44f2-a66-d481790b79</vm_id> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> <interfaces> <interface> <nicid>0</nicid> <port_id>vnet0</port_id> <network>int-mgmt-net</network> <subnet>N/A</subnet> <ip_address>10.20.0.2</ip_address> <mac_address>52:54:00:31:c5:7f</mac_address> <netmask>255.255.255.0</netmask> <gateway>10.20.0.1</gateway> </interface> <interface> <nicid>1</nicid> <port_id>vnet1</port_id> <network>wan-net</network> </pre>

Event Type	Notification Trigger	Notification Output Example
		<pre> <subnet>N/A</subnet> <mac_address>52:54:00:59:52:41</mac_address> <netmask>255.255.255.0</netmask> <gateway>172.19.181.152</gateway> </interface> </interfaces> </vm_source> <vm_target></vm_target> <event> <type>VM_UNDEPLOYED</type> </event> </vmlcEvent> </notification> </pre>
SERVICE_UPDATED	The VM is updated.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rsse:notification:1.0"> <eventTime>2016-11-17T17:51:45.5+00:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Service group update completed successfully</status_message> <depname>1479342258</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <depid>87e871a-305-45f-a0a-2637e3a734</depid> <vm_source></vm_source> <vm_target></vm_target> <event> <type>SERVICE_UPDATED</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
VM_STOPPED	The VM is stopped per VM action request.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:ietf:params:xml:rs:notification:1.0 http://www.cisco.com/nfvis/vm_lifecycle"> <startTime>2016-11-17T17:26:05.762+00:00</startTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Successfully stopped VM </status_message> <depname>1479341445</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <svcid>NULL</svcid> <depid>c6479b-329-41a8-8114-c8042731a5</depid> <vm_group>ROUTER</vm_group> <vm_source> <vmid>d18d252-808-44f2-ab66-d481790b79</vmid> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> </vm_source> <vm_target></vm_target> <event> <type>VM_STOPPED</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
VM_STARTED	The VM is started per VM action request.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:conf:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:ietf:params:xml:rs:conf:notification:1.0 http://www.cisco.com/nfvis/vm_lifecycle"> <eventTime>2016-11-17T17:26:40.398+00:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Started VM <depname>1479341445</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <svcid>NULL</svcid> <vm_group>ROUTER</vm_group> <vm_source> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> </vm_source> <vm_target></vm_target> <event> <type>VM_STARTED</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
VM_REBOOTED	The VM is rebooted per VM action request.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:ietf:params:xml:rs:notification:1.0 http://www.cisco.com/nfvis/vm_lifecycle"> <eventTime>2016-11-17T17:36:56.5+00:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Rebooted VM <depname>1479342258</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <svcid>NULL</svcid> <vm_group>ROUTER</vm_group> <vm_source> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> </vm_source> <vm_target></vm_target> <event> <type>VM_REBOOTED</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
VM_RECOVERY_INIT	A monitored VM is not reachable.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.cisco.com/nfvis/vm_lifecycle" > <eventTime>2016-11-17T16:27:51.627+00:00</eventTime> <vmlcEvent <status>SUCCESS</status> <status_code>200</status_code> <status_message>Recovery event for VM [SysAdmin@NFVIS-04:~]\$ telnet 50.49.97.10 5682 trigge red. Processing Auto healing. Proceeding with Recovery.</status_message> <depname>1479328919</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <svcid>NULL</svcid> <cpid>574f8-5f4-46-aad7-121403e4ca4</cpid> <vm_group>ROUTER</vm_group> <vm_source> <vmid>00883fc-7f3-45e-aaf6-0f31c88e8f6</vmid> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> </vm_source> <vm_target></vm_target> <event> <type>VM_RECOVERY_INIT</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
VM_RECOVERY_REBOOT	Recovery reboot starts for the monitored VM, which is not reachable.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:cisco.com:ns:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:cisco.com:ns:notification:1.0 http://www.cisco.com/nfvis/vm_lifecycle"> <eventTime>2016-11-17T16:27:53.979+00:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>VM [redacted] is being rebooted. </status_message> <depname>1479328919</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <svcid>NULL</svcid> <epid>9e7fe4b3-e5f4-461e-ad7-121405b4b4</epid> <vm_group>ROUTER</vm_group> <vm_source> <vmic>000883fc-77E3-40e-aaf6-0f31d88af6</vmic> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> </vm_source> <vm_target></vm_target> <event> <type>VM_RECOVERY_REBOOT</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
VM_RECOVERY_COMPLETE	Recovery reboot completes for the monitored VM, which is not reachable.	

Event Type	Notification Trigger	Notification Output Example
		<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:ns:notification:1.0"> <eventTime>2016-11-17T16:31:26.93400:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Successfully recovered VM [State: AdminTenantRouter04de3e5304949ffdb056f12] </status_message> <depname>1479328919</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <svcid>NULL</svcid> <cpid>97fe48e5f4460ad712405e4a4</cpid> <vm_group>ROUTER</vm_group> <vm_source> </vm_source> <vm_target> </vm_target> <vmid>000883fc-77E3-40e-aaf6-0f31c88a8f67</vmid> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> </vm_source> </vm_target> <vmid>000883fc-77E3-40e-aaf6-0f31c88a8f67</vmid> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> <interfaces> <interface> <nicid>0</nicid> <port_id>vnet0</port_id> </interface> </interfaces> <network>int-mgmt-net</network> <subnet>N/A</subnet> <ip_address>10.20.0.2</ip_address> </pre>

Event Type	Notification Trigger	Notification Output Example
		<pre> <mac_address>52:54:00:7b:3f:cb</mac_address> <netmask>255.255.255.0</netmask> <gateway>10.20.0.1</gateway> </interface> <interface> <nicid>1</nicid> <port_id>vnet1</port_id> <network>wan-net</network> <subnet>N/A</subnet> <mac_address>52:54:00:96:8a:4d</mac_address> <netmask>255.255.255.0</netmask> <gateway>172.19.181.152</gateway> </interface> </interfaces> </vm_target> <event> <type>VM_RECOVERY_COMPLETE</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
VM_MONITOR_UNSET	Monitoring is disabled per VM action request.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:retrofronification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:ietf:params:xml:rs:retrofronification:1.0 http://www.cisco.com/nfvis/vm_lifecycle" > <eventTime>2016-11-18T13:36:43.613+00:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle" <status>SUCCESS</status> <status_code>200</status_code> <status_message>Unset monitor completed successfully</status_message> <depname>1479413090</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <svcid>NULL</svcid> <depid>7421835-330-4f0-a731-a4403c6455</depid> <vm_group>ROUTER</vm_group> <vm_source> <vmid>23c3793-37ab-4ec2-a978-a10e08885f0k</vmid> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> </vm_source> <vm_target></vm_target> <event> <type>VM_MONITOR_UNSET</type> </event> </vmlcEvent> </notification> </pre>

Event Type	Notification Trigger	Notification Output Example
VM_MONITOR_SET	Monitoring is enabled per VM action request.	<pre> <?xml version="1.0" encoding="UTF-8"?> <notification xmlns="urn:ietf:params:xml:rs:notification:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:ietf:params:xml:rs:notification:1.0 http://www.cisco.com/nfvis/vm_lifecycle"> <eventTime>2016-11-18T13:40:15.276+00:00</eventTime> <vmlcEvent xmlns="http://www.cisco.com/nfvis/vm_lifecycle"> <status>SUCCESS</status> <status_code>200</status_code> <status_message>Set monitor completed successfully</status_message> <depname>1479413090</depname> <tenant>admin</tenant> <tenant_id>AdminTenantId</tenant_id> <svcid>NULL</svcid> <depid>742635-33c-4f0-a76a-4403645</depid> <vm_group>ROUTER</vm_group> <vm_source> <vmid>23ac3793-37ab-4ec2-a978-a10e08585f1k</vmid> <hostid>NFVIS</hostid> <hostname>NFVIS</hostname> </vm_source> <vm_target></vm_target> <event> <type>VM_MONITOR_SET</type> </event> </vmlcEvent> </notification> </pre>