



AMQP Notifications for Cisco DCNM Media Controller Deployment

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Host Alias Notifications

Create Host Alias

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.create.hostalias
Redelivered	o
Properties	<p>message_id: 7000</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: HostAlias User: admin Operation: Success Status: Event: Host Alias with alias name h1 successfully created by admin Sent At: 2018-05-01, 08:59:18 Severity: Information Operation: Create <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "name": "h1", "ipAddress": "10.2.3.4", "message": "Host Alias with alias name h1 successfully created by admin" }</pre>

Update Host Alias

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.update.hostalias
Redelivered	o
Properties	<p>message_id: 7001</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: HostAlias User: admin Operation: Success Status: Event: Host Alias with original name and IP address h1, (10.2.3.4) updated to h1, (10.2.3.9) by admin Sent At: 2018-05-01, 09:02:13 Severity: Information

Payload	<pre> Operation: Update content_encoding: UTF-8 content_type: application/json { " name": " h1", " ipAddress": " 10.2.3.9", " message": " Host Alias with original name and IP address h1, (10.2.3.4) updated to h1, (10.2.3.9) by admin" }</pre>
---------	--

Delete Host Alias

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.delete.hostalias
Redelivered	o
Properties	<pre> message_id: 7002 delivery_mode: 2 headers: Type: HostAlias User: admin Operation Status: Success Event: Host Alias with name host3 deleted by admin Sent At: 2018-05-01, 09:04:26 Severity: Information Operation: Delete content_encoding: UTF-8 content_type: application/json</pre>
Payload	<pre> { " name": " host3", " ipAddress": " 3.3.3.3", " message": " Host alias with name host3 deleted by admin", }</pre>

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.delete.hostalias
Redelivered	o
Properties	<pre> message_id: 7004 delivery_mode: 2 headers: Type: HostAlias User: admin Operation: Success</pre>

Host Alias Notifications

	Status:	
	Event:	Host Alias was successfully deleted by admin with 1 Hosts
	Sent At:	2018-05-01, 09:04:26
	Severity:	Information
	Operation:	Delete
	content_encoding:	UTF-8
	content_type:	application/json
Payload	{	
		"successCount":1,
		"message":" Host Alias deletion done successfully by admin with 1 Hosts" ,
		"failureCount":0
	}	

Create Host Alias - Failure

Exchange	DCNMExchange																										
Routing Key	error.com.cisco.dcnm.event.pmn.create.hostalias																										
Redelivered	o																										
Properties	<table border="0"> <tr> <td>message_id:</td> <td>7100</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> <tr> <td>headers:</td> <td> <table border="0"> <tr> <td>Type:</td> <td>HostAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> <tr> <td>Operation</td> <td>Failure</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Event:</td> <td>Failed to create Host Alias with alias name abcaaaaaaaaaaaaaabcaaaaaaaaaaaaaabcaaaaaa admin</td> </tr> <tr> <td>Sent At:</td> <td>2018-05-01, 09:27:24</td> </tr> <tr> <td>Severity:</td> <td>Error</td> </tr> <tr> <td>Operation:</td> <td>Create</td> </tr> </table> </td> </tr> <tr> <td></td> <td>content_encoding: UTF-8</td> </tr> <tr> <td></td> <td>content_type: application/json</td> </tr> </table>	message_id:	7100	delivery_mode:	2	headers:	<table border="0"> <tr> <td>Type:</td> <td>HostAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> <tr> <td>Operation</td> <td>Failure</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Event:</td> <td>Failed to create Host Alias with alias name abcaaaaaaaaaaaaaabcaaaaaaaaaaaaaabcaaaaaa admin</td> </tr> <tr> <td>Sent At:</td> <td>2018-05-01, 09:27:24</td> </tr> <tr> <td>Severity:</td> <td>Error</td> </tr> <tr> <td>Operation:</td> <td>Create</td> </tr> </table>	Type:	HostAlias	User:	admin	Operation	Failure	Status:		Event:	Failed to create Host Alias with alias name abcaaaaaaaaaaaaaabcaaaaaaaaaaaaaabcaaaaaa admin	Sent At:	2018-05-01, 09:27:24	Severity:	Error	Operation:	Create		content_encoding: UTF-8		content_type: application/json
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Severity:	Error																										
Operation:	Create																										
	content_encoding: UTF-8																										
	content_type: application/json																										
Payload	<pre>{ "name":" Hostname_1", "ipAddress":" 1.2.3.4 ," "message":" Failed to create Host Alias with alias name Hostname_1 by admin" }</pre>																										

Hosts Notifications

```

Operation Status: Delete
Event:           Host alias deletion failed for name HostTesting by admin
Severity:        Error
Operation:       Delete

content_encoding: UTF-8
content_type:    application/json

Payload
{
  "name" : "HostTesting",
  "ipAddress" : "18.1.1.1"
  "message" : "Host alias deletion failed for name HostTesting by admin",
}
    
```

Hosts Notifications

Host Discovered

DCNM will periodically go through the End Points List provided by the switch through telemetry and determine if there are any new hosts discovered. DCNM will generate a notification for all the new hosts discovered. The host will be either local or remote (PIM router case).

```

Exchange      DCNMExchange
Routing Key   info.com.cisco.dcnm.event.pmn.discover.host
Redelivered   o
Properties
message_id:   1005
delivery_mode: 2
headers:
  Type:        Host
  User:        admin
  Operation    Success
  Status:
  Event:       Host with the name: Host-11.11.11.11 discovered on switch
               172.23.244.113 and interface Ethernet1/2
  Severity:    Information
  Operation:   Discover

content_encoding: UTF-8
content_type:    application/json

Payload
{
  "role" : "Sender",
  "Switch time" : "Sun, Mar 24 2019 07:25:27 (PDT)",
  "ipAddress" : "20.2.1.2",
  "discoverd by" : "",
  "source" : "20.2.1.2",
  "message" : "Host:20.2.1.2 Discovered Source:20.2.1.2 group:228.0.0.18",
}
    
```

```

    "interface" : "Vlan21" ,
    "mac" : "" ,
    "switch" : "pmn-109-leaf" ,
    "external" : "NO" ,
    "fault reason" : "NONE" ,
    "name" : "Host-20.2.1.2" , "group" : "228.0.0.18"
  }

```

Host Deleted

DCNM will periodically go through the End Points List provided by the switch through telemetry and determine if there are any hosts got deleted. DCNM will generate a notification for all the deleted hosts.

Exchange	DCNMExchange
Routing Key	info.com.cisco.dcnm.event.pmn.delete.host
Redelivered	o
Properties	<pre> message_id: 1005 delivery_mode: 2 headers: Type: Host User: admin Operation Success Status: Event: Host with the name: Host-11.11.11.11 deleted on switch 172.23.244.113 and interface Ethernet1/2 Severity: Information Operation: Delete content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "role" : "Sender" , "Switch time" : "Sun, Mar 24 2019 07:25:27 (PDT)" , "ipAddress" : "20.2.1.2" , "discoverd by" : "" , "source" : "20.2.1.2" , "message" : "Host:20.2.1.2 Deleted Source:20.2.1.2 group:228.0.0.10" , "interface" : "Vlan21" , "mac" : "" , "switch" : "pmn-109-leaf" , "external" : "NO" , "fault reason" : "NONE" , "name" : "Host-20.2.1.2" , "group" : "228.0.0.10" } </pre>

Host Policy Notifications

Create Host Policy

- “hostRole” can be **Sender** or **Receiver**-Local or Receiver-External.
- senderName or receiverName field based on the host role
- receiverIp is not shown in case the role is the sender

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.create.hostpolicy
Redelivered	o
Properties	<p>message_id: 2000</p> <p>delivery_mode: 2</p> <p>headers: Type: HostPolicy User: admin Operation: Success Status: Event: Host policy test successfully saved by admin Sent At: 2018-05-01, 09:43:33 Severity: Information Operation: Create</p> <p>content_encoding: UTF-8</p> <p>g: content_type: application/json</p>
Payload	<pre>{ "sequenceNumber":5, "policyName":" test", "permit":true, "link":" https://172.23.244.229/rest/pmn/hostpolicies/test", "hostRole":" Sender", "message":" Host policy test successfully saved by admin", "multicast":" *", "senderIp":" 1.3.4.7", "mask":32 }</pre>

Create Host Policy – Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.create.hostpolicy
Redelivered	o
Properties	<p>message_id: 2100</p> <p>delivery_mode: 2</p> <p>headers: Type: HostPolicy</p>

Host Policy Notifications

Payload	<pre> User: admin Operation Failure Status: Event: Policy with name 'HostPolicyAA' already exists. Sent At: 2019-03-25, 23:38:33 Severity: Error Operation: Create content_encoding: UTF-8 content_type: application/json { "permit": false, "message": "Policy with name 'HostPolicyAA' already exists.", "mask": 0 } </pre>
---------	---

Update Host Policy

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.update.hostpolicy
Redelivered	o
Properties	<pre> message_id: 2001 delivery_mode: 2 headers: Type: HostPolicy User: admin Operation Success Status: Event: Host Policy with policy name Test1 successfully updated by admin Severity: Information Operation: Update content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "policyName": "Test1", "receiverName": "H1", "receiverIp": "1.1.1.1", "senderIp": "2.2.2.2", "permit": true, "link": "https://172.23.244.150/rest/pmn/hostpolicies/Test1", "hostRole": "Receiver-Local", "message": "Host Policy with policy name Test1 successfully updated by admin", } </pre>

```

    "multicast": "237.7.6.7"
  }

```

Update Host Policy – Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.update.hostpolicy
Redelivered	o
Properties	<p>message_id: 2101</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: HostPolicy User: Internal Operation: Failure Status: Event: Host Policy with policy name Anyname failed to be updated by admin. Error: Policy does not exist. Nothing to update. Severity: Error Operation: Update <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre> { "permit":false, "message": "Host Policy with policy name Anyname failed to updated by admin. Error: Policy does not exist. Nothing to update." , "mask":0} </pre>

Delete Host Policy

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.delete.hostpolicy
Redelivered	o
Properties	<p>message_id: 2002</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: HostPolicy User: admin Operation: Success Status: Event: Host Policy with policy name Test101 successfully deleted by admin Severity: Information

Host Policy Notifications

Payload	<pre> Operation: Delete content_encoding: UTF-8 content_type: application/json { "policyName": " Test101", "receiverName": " H1", "receiverIp": " 1.1.1.1", "senderIp": " 2.2.2.2", "permit": false, "hostRole": " Receiver-Local", "message": " Host Policy with policy name Test101 successfully deleted by admin", "multicast": " 231.71.42.72" }</pre>
---------	---

Delete Host Policy – Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.delete.hostpolicy
Redelivered	o
Properties	<pre> message_id: 2102 delivery_mode: 2 headers: Type: HostPolicy User: Internal Operation: Failure Status: Event: Host Policy with policy name Anyname failed to be deleted by admin. Error: Policy does not exist. Nothing to delete. Severity: Information Operation: Delete content_encoding: UTF-8 content_type: application/json</pre>
Payload	

Host Policy Application

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.apply.hostpolicy
Redelivered	o

Host Policy Notifications

Properties	<pre> message_id: 2005 delivery_mode: 2 headers: Type: HostPolicy User: admin Operation: Success Status: Event: Host Policy with policy name P2 successfully applied on the switch: 172.23.244.58 Severity: Information Operation: Apply content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "switchIP": "172.23.244.58", "policyName": "P2", "senderName": "Host-1.4.1.6", "senderIp": "2.2.2.2", "permit": true, "link": "https://172.23.244.150/rest/pmn/hostpolicies/P2", "hostRole": "Sender", "message": "Host Policy with policy name P2 successfully applied on switch: 172.23.244.58", "multicast": "232.3.5.3" } </pre>

Host Policy Deployment

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.hostpolicy
Redelivered	o
Properties	<pre> message_id: 2006 delivery_mode: 2 headers: Type: HostPolicy User: admin Operation: Success Status: Event: Host Policy with policy name P2 successfully deployed on the switch: 172.23.244.58 Severity: Information Operation: Deploy content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "switchIP": "172.23.244.58", </pre>

```

    "policyName" : "P2",
    "senderName" : "Host-1.4.1.6",
    "senderIp" : "2.2.2.2",
    "permit" : true,
    "link" : "https://172.23.244.150/rest/pmnhostpolicies/P2",
    "hostRole" : "Sender",
    "message" : "Host Policy with policy name P2 successfully deployed on
switch: 172.23.244.58",
    "multicast" : "232.3.5.3"
}

```

Host Policy Deployment - Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmnhostpolicy
Redelivered	o
Properties	<p>message_id: 2106</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: HostPolicy User: admin Operation: Failure Status: Event: Switch: 172.22.31.104 is in 'Unmanaged' state Severity: Error Operation: Deploy <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre> { "Deployed data" : "[Policy3, Policy5, Policy6, Policy8, Policy9, SunPolicy, MondayPolicy, NewPolicy]", "deployment type" : "HostPolicy", "switch-ip" : "172.22.31.104" } </pre>

Host Policy Un-deployment

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmnhostpolicy
Redelivered	o
Properties	<p>message_id: 2006</p> <p>delivery_mode: 2</p>

Flow Notifications

	headers:	Type: HostPolicy User: admin Operation: Success Status: Event: HostPolicy [] Undeployment on switch: 172.22.31.109 Severity: Information Operation: Undeploy
	content_encoding:	UTF-8
	content_type:	application/json
Payload		{ "Deployed data" : " []", "deployment type" : " HostPolicy", "switch-ip" : " 172.22.31.109" }

Flow Notifications

Flow Established

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.establish.flow
Redelivered	o
Properties	message_id: 5000 delivery_mode: 2 headers: Type: Flow User: admin Operation: Success Status: Event: SUCCESS_FLOW_STITCHED - Established a new flow from Sender IP: 1.1.1.1 to Receiver IP: 2.4.1.8 for Multicast IP: 236.71.6.7. Severity: Information Operation: Establish content_encoding: UTF-8 content_type: application/json
Payload	{ "multicast-IP" : " 236.71.6.7", "link" : " https://172.23.244.150/rest/pmn/flow/236.71.6.7/1.1.1.1/2.4.1.8", "receiver-IP" : " 2.4.1.8", "receiver-host-interface" : " Ethernet1/8", "sender-leaf" : " 172.23.244.58", "message" : " SUCCESS_FLOW_STITCHED - Established a new flow from Sender IP: 1.1.1.1 to Receiver IP: 2.4.1.8 for Multicast IP: 236.71.6.7", }

Flow Alias

```

    "sender-host-interface" : " Ethernet1/12" ,
    "sender-IP" : " 1.1.1.1" ,
    "receiver-leaf" : " 172.23.244.68" ,
    "applied-flow-policy" : " Default" ,
    "local-flow" : " No"
  }

```

Flow Deleted

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.delete.flow
Redelivered	o
Properties	<pre> message_id: 5003 delivery_mode: 2 headers: Type: Flow User: admin Operation: Success Status: Event: Flow-Deleted – Sender-IP: 192.168.10.108, Receiver-IP: 192.168.20.105, Multicast-IP:228.1.1.1 Severity: Information Operation: Delete content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "multicast-IP" : " 228.1.1.1" , "sender-IP" : " 192.168.10.108" , "receiver-IP" : " 192.168.20.105" , "sender-leaf" : " 172.23.244.68" , "sender-host-interface" : " ethernet1/1" , "receiver-leaf" : " 172.23.244.58" , "receiver-host-interface" : " ethernet1/38" , "message" : "Flow-Deleted – Sender-IP: 192.168.10.108, Receiver-IP: 192.168.20.105, Multicast-IP:228.1.1.1" } </pre>

Flow Alias

Create Flow Alias

Exchange	DCNMExchange
Routing	information.com.cisco.dcnm.event.pmn.create.flowalias

Flow Alias

Key	
Redelivered	o
Properties	<p>message_id: 4000</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: FlowAlias User: Internal Operation: Success Status: Event: Flow Alias with alias name FlowA successfully created by admin Severity: Information Operation: Create <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "name": "FlowA", "link": "https://172.23.244.195/rest/pmn/flowalias/FlowA", "description": "dd", "message": "Flow Alias with alias name FlowA successfully created by admin", "multicastIp": "224.3.2.5" }</pre>

Create Flow Alias - Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.create.flowalias
Redelivered	o
Properties	<p>message_id: 4100</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: FlowAlias User: admin Operation: Failure Status: Event: Flow Alias with alias name FlowAA failed to be created by admin Severity: Error Operation: Create <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "name": "FlowAA", "description": "FlowAA Description", "message": "Flow Alias with alias name FlowAA failed to be created by admin", }</pre>

Flow Alias

```

        "multicastIp" : "1.1.1.1"
    }

```

Update Flow Alias

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.update.flowalias
Redelivered	o
Properties	<p>message_id: 4001</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: FlowAlias User: Internal Operation Status: Success Event: Flow Alias updated with alias name FlowA by admin Severity: Information Operation: Update <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre> { "name" : "FlowA" , "link" : " https://172.23.244.195/rest/pmn/flowalias/FlowA" , "description" : " dd" , "message" : " Flow Alias updated with alias name FlowA by admin" , "multicastIp" : "224.1.2.2" } </pre>

Update Flow Alias - Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.update.flowalias
Redelivered	o
Properties	<p>message_id: 4101</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: FlowAlias User: Internal Operation: Failure Status: Event: Flow Alias with alias name FlowB failed to be updated by admin Severity: Error Operation: Update

Flow Alias

	content_encoding: UTF-8
	content_type: application/json
Payload	<pre>{ "name": "FlowB", "link": "https://172.23.244.195/rest/pmn/flowalias/12460", "description": "Des", "message": "Flow Alias with alias name FlowB failed to be updated by admin", "multicastIp": "22.1.2.23" }</pre>

Delete Flow Alias

Exchange	DCNMExchange																								
Routing Key	information.com.cisco.dcnm.event.pmn.delete.flowalias																								
Redelivered	o																								
Properties	<table border="0"> <tr> <td>message_id:</td> <td>4002</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> <tr> <td>headers:</td> <td> <table border="0"> <tr> <td>Type:</td> <td>FlowAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> <tr> <td>Operation:</td> <td>Success</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Event:</td> <td>Flow Alias with alias name FlowAA successfully deleted by admin</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> </table> </td> </tr> <tr> <td>content_encoding:</td> <td>UTF-8</td> </tr> <tr> <td>content_type:</td> <td>application/json</td> </tr> </table>	message_id:	4002	delivery_mode:	2	headers:	<table border="0"> <tr> <td>Type:</td> <td>FlowAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> <tr> <td>Operation:</td> <td>Success</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Event:</td> <td>Flow Alias with alias name FlowAA successfully deleted by admin</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> </table>	Type:	FlowAlias	User:	admin	Operation:	Success	Status:		Event:	Flow Alias with alias name FlowAA successfully deleted by admin	Severity:	Information	Operation:	Update	content_encoding:	UTF-8	content_type:	application/json
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delivery_mode:	2																								
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Type:	FlowAlias																								
User:	admin																								
Operation:	Success																								
Status:																									
Event:	Flow Alias with alias name FlowAA successfully deleted by admin																								
Severity:	Information																								
Operation:	Update																								
content_encoding:	UTF-8																								
content_type:	application/json																								
Payload	<pre>{ "name": "FlowAA", "description": "FlowAA Description", "message": "Flow Alias with alias name FlowAA successfully deleted by admin", "multicastIp": "224.1.1.1" }</pre>																								

Delete Flow Alias – Failure

Exchange	DCNMExchange				
Routing Key	error.com.cisco.dcnm.event.pmn.delete.flowalias				
Redelivered	o				
Properties	<table border="0"> <tr> <td>message_id:</td> <td>4102</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> </table>	message_id:	4102	delivery_mode:	2
message_id:	4102				
delivery_mode:	2				

Flow Policy Notifications

Payload	headers:	Type:	FlowAlias
		User:	Internal
		Operation:	Failure
		Status:	
		Event:	Flow Alias with alias id or name anyone failed to be deleted by admin
		Severity:	Error
		Operation:	Update
	content_encoding:	UTF-8	
	content_type:	application/json	
		{	<pre> "link" : " https://172.23.244.195/rest/pmn/flowalias/anyone" , "message" : " Flow Alias with alias id or name anyone failed to be deleted by admin" </pre>
	}		

Flow Policy Notifications

Create Flow Policy

" multicastIpRange" – may have a start and end IP (e.g. 224.10.10.10 – 224.10.10.30) or maybe a single multicast IP.

Exchange	DCNMExchange		
Routing Key	information.com.cisco.dcnm.event.pmn.create.flowpolicy		
Redelivered	o		
Properties	message_id:	3000	
	delivery_mode:	2	
	headers:	Type:	FlowPolicy
		User:	admin
		Operation:	Success
		Status:	
		Event:	Flow Policy with policy name P3 successfully created by admin
		Severity:	Information
		Operation:	Create
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	{	<pre> "dscp" : " CS1" , "policyName" : " P3" , "bandwidth" : " 3gbps" , "link" : " https://172.23.244.150/rest/pmn/flowpolicies/P3" , "message" : " Flow Policy with policy name P3 successfully created by admin" , </pre>	
	}		

```

    " multicastIpRange " : " 233.4.3.4"
  }

```

Update Flow Policy

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.update.flowpolicy
Redelivered	o
Properties	<p>message_id: 3001</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: FlowPolicy User: admin Operation: Success Status: Event: Flow Policy with policy name P11 successfully updated by admin Severity: Information Operation: Update <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre> { " dscp": " CS4", " policyName": " P11", " bandwidth": " 1.4gbps", " link": " https://172.23.244.150/rest/pmn/flowpolicies/P11", " message": " Flow Policy with policy name P11 successfully updated by admin", " multicastIpRange " : " 233.33.33.33" } </pre>

Delete Flow Policy

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.delete.flowpolicy
Redelivered	o
Properties	<p>message_id: 3002</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: FlowPolicy User: admin Operation: Success Status: Event: Flow Policy with policy name P3 successfully deleted by admin

Flow Policy Notifications

	Severity: Information
	Operation: Delete
	content_encoding: UTF-8
	content_type: application/json
Payload	<pre>{ "dscp": "CS1", "policyName": "P3", "bandwidth": "3gbps", "message": "Flow Policy with policy name P3 successfully deleted by admin", "multicastIpRange": "233.4.3.4" }</pre>

Flow Policy Deployment

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.flowpolicy
Redelivered	o
Properties	<p>message_id: 3006</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: FlowPolicy User: admin Operation: Success Status: Event: Flow Policy with policy name P2 successfully deployed on the switch: 172.23.244.58 Severity: Information Operation: Deploy <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "dscp": "CS1", "policyName": "P3", "bandwidth": "3gbps", "multicastIpRange": "233.4.3.4", "message": " Flow Policy with policy name P2 successfully deployed on the switch: 172.23.244.58" }</pre>

Flow Policy Un-deployment

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.undeploy.flowpolicy

Flow Policy Notifications

Redelivered	o
Properties	<pre> message_id: 3006 delivery_mode: 2 headers: Type: FlowPolicy User: Internal Operation: Success Status: Event: FlowPolicy [] Undeployment on switch: 172.22.31.109 Severity: Information Operation: Undeploy content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "Deployed data" : " []", "deployment type" : " FlowPolicy", "switch-ip" : " 172.22.31.109" } </pre>

Create Flow Policy - Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.create.flowpolicy
Redelivered	o
Properties	<pre> message_id: 3100 delivery_mode: 2 headers: Type: FlowPolicy User: admin Operation: Failure Status: Event: Flow Policy with policy name P40 failed to be created by admin. Error: Invalid bandwidth units Severity: Error Operation: Create content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "dscp" : " CS3", "policyName" : " P40", "bandwidth" : " 8ibps", "message" : " Flow Policy with policy name P40 failed to be created by admin. Error: Invalid bandwidth units", "multicastIpRange" : " 237.71.17.17" } </pre>

Update Flow Policy - Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.update.flowpolicy
Redelivered	o
Properties	<pre> message_id: 3101 delivery_mode: 2 headers: Type: FlowPolicy User: admin Operation Failure Status: Event: Flow Policy with policy name P40 failed to be updated by the admin. Error: Invalid DSCP: '249' Severity: Error Operation: Update content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "dscp": "CS3", "policyName": "P40", "bandwidth": "8mbps", "link": "https://172.23.244.150/rest/pmn/flowpolicies/P40", "message": "Flow Policy with policy name P40 failed to be updated by admin. Error: Invalid DSCP: '249'", "multicastIpRange": "237.71.17.17" } </pre>

Delete Flow Policy - Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.delete.flowpolicy
Redelivered	o
Properties	<pre> message_id: 3102 delivery_mode: 2 headers: Type: FlowPolicy User: admin Operation Failure Status: Event: Flow Policy with policy name P401 failed to be deleted by admin. Error: Policy does not exist. Nothing to delete. Severity: Error Operation: Delete </pre>

PTP

	content_encoding: UTF-8
	content_type: application/json
Payload	<pre>{ "message": "Flow Policy with policy name P401 failed to be deleted by admin. Error: Policy does not exist. Nothing to delete." }</pre>

Flow Policy Deployment – Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.deploy.flowpolicy
Redelivered	o
Properties	<pre>message_id: 3105 delivery_mode: 2 headers: Type: FlowPolicy User: admin Operation: Failure Status: Event: Flow Policy with policy name P1 failed to be deployed on the switch: 172.23.244.58 Severity: Error Operation: Deploy content_encoding: UTF-8 content_type: application/json</pre>
Payload	<pre>{ "dscp": "CS1", "policyName": "P1", "bandwidth": "3gbps", "link": "https://172.23.244.150/rest/pmn/flowpolicies/P1", "message": "Flow Policy with policy name P1 failed to be deployed on switch: 172.23.244.58", "multicastIpRange": "233.4.3.4" }</pre>

PTP

Whenever we detect PTP correction exceeds the threshold configure on the PTP Management page, a AMQP notification will be sent to report it.

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.create.ptpcorrection
Redelivered	o
Properties	<pre>message_id: 5300</pre>

RTP

```

delivery_mode:      2
headers:            Event:      Time correction is created for
                    Switch spine-1 and Interface
                    Eth1/35
                    Operation:  Create
                    Operation  Success
                    Status:
                    Sent At:    2019-06-12, 23:08:04
                    Severity:   Information
                    Type:       PTPCorrection
                    User:       Internal

content_encoding:  UTF-8
content_type:     application/json

Payload {
  "date" : "2019-Jun-12 09:49:49",
  "sup-time" : "Wed Jun 12 09:49:49 2019 890705",
  "mean-path-delay" : 164,
  "interface" : "Eth1/35",
  "micro-seconds" : 890705,
  "correction-value" : 288,
  "switch" : "spine-1"
}
    
```

RTP

Packet Drop Occurs

Whenever a new packet drop occurs, the next pulling cycle will detect it and a AMQP notification will be sent to inform this new packet drop.

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.create.flowerror
Redelivered	●

RTP

Properties	<pre> message_id: 5200 delivery_mode: 2 headers: Event: Flow Error created for Source:1.1.1.1:319, Receiver:233.1.0.1:319 Operation: Create Operation Status: Success Sent At: 2019-05-30, 15:00:12 Severity: Information Type: FlowError User: Internal content_encoding: UTF-8 content_type: application/json </pre>
Payload 323 bytes Encoding: string	<pre> {"source-port":319,"bit-rate":169053000,"packet-loss":"736416795","start-time":"13:10:59 UTC Mar 25 2019","pod":"","loss-start":"13:25:07 UTC Mar 25 2019","vrf":"","interface":"Ethernet1/1","destination-ip":"233.1.0.1","switch":"pmn-105-leaf","protocol":17,"destination-port":319,"packet-count":11764,"source-ip":"1.1.1.1"} </pre>

Packet Drop Cleared

Whenever a packet drop goes to packet drop history, the next pulling cycle will detect it and a AMQP notification will be sent to inform the packet drop is clear.

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.delete.flowerror
Redelivered	●
Properties	<pre> message_id: 5203 delivery_mode: 2 headers: Event: Flow Error deleted for Source:1.1.1.1:319, Receiver:233.1.0.1:319 Operation: Delete Operation Status: Success Sent At: 2019-05-31, 14:17:06 Severity: Information Type: FlowError User: Internal content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> {"source-port":319,"bit-rate":169053000,"packet-loss":"736416795","start-time":"13:10:59 UTC Mar 25 2019","pod":"","loss-start":"13:25:07 UTC Mar 25 2019","vrf":"","interface":"Ethernet1/1","destination-ip":"233.1.0.1","switch":"pmn-105-leaf","protocol":17,"destination-port":319,"packet-count":11764,"source-ip":"1.1.1.1"} </pre>

Realtime Faults

Fault Create

Exchange	DCNMExchange		
Routing Key	error.com.cisco.dcnm.event.pmn.realtime.switch		
Redelivered	o		
Properties	message_id:	21005	
	delivery_mode:	2	
	headers:	Event:	Fabric: Default_LAN Switch: anna-pmn-archer Fault: sys/nbm/show/faults/default/faults-[sys/nbm/show/endpoints/default/h-[15.2.1.2]-if-0/g-[228.10.1.16]] created
		Operation:	Real Time Notification
		Operation Status:	Failure
		Sent At:	2020-06-04, 07:55:45 PDT
		Severity:	Error
		Type:	Switch
		User:	Internal
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	{	"faultReason": "No Bandwidth", "faultResolution": "Please consult documentation",	

Realtime Faults

```
    "Switch" : "anna-pmn-archer",  
    "dn" : "sys/nbm/show/faults/dom-default/faults-  
[sys/nbm/show/endpoints/dom-default/h-[15.2.1.2]-if-0/g-[228.10.1.16]]",  
    "TimestampReceived" : 1591282545383,  
    "Timestamp" : 1588691553014,  
    "Fabric" : "Default_LAN",  
    "status" : "created"  
  }
```

Different faultReason:

- " No Bandwidth"
- " No Bandwidth (Ext)"
- " Sender Denied"
- " Sender Denied (Ext)"
- " No Flow Policy"
- " No Policer Avail"
- " No Policer Avail (Ext)"
- " No Unicast Route"
- " No Flow Slot Avail"
- " No Flow Slot Avail(Ext)"
- " No Profile Avail"
- " No Profile Avail (Ext)"
- " Flow in Pending Delete"
- " No TCAM Carved (Ext)"
- " No TCAM Carved"
- " Unknown"

Fault Delete

Exchange

DCNMExchange

Realtime Notifications

Routing Key	error.com.cisco.dcnm.event.pmn.realtime.switch		
Redelivered	o		
Properties	message_id:	21005	
	delivery_mode:	2	
	headers:	Event:	Fabric: Default_LAN Switch: anna-pmn-archer Fault: sys/nbm/show/faults/dom-default/faults-[sys/nbm/show/endpoints/dom-default/h-[15.2.1.2]-if-0/g-[228.10.1.16]] deleted
		Operation:	Real Time Notification
		Operation Status:	Failure
		Sent At:	2020-06-04, 07:55:45 PDT
		Severity:	Information
		Type:	Switch
		User:	Internal
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	{	<pre> " Switch" : " anna-pmn-archer" , " dn" : " sys/nbm/show/faults/dom-default/faults-[sys/nbm/show/endpoints/dom-default/h-[15.2.1.2]-if-0/g-[228.10.1.16]]" , " TimestampReceived" : 1591282545327 , " Timestamp" : 1588691553005 , " Fabric" : " Default_LAN" , " status" : " deleted" </pre>	
	}		

Realtime Notifications

Flow Established

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.realtime.switch
Redelivered	•
Properties	<p>message_id: 21005</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Event: Fabric: Default_LAN Switch: pmn-n93-leaf2 DN: sys/nbm/show/notify/dom-default/event-[FLOW:s-[11.3.1.2]-g-[227.50.1.1]/oif-[Eth1/25]]created Operation: Real Time Notification Operation Status: Information Sent At: 2020-10-20, 11:57:42 PDT Severity: Information Type: Switch User: Internal <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "identifier" : " FLOW:s-[11.3.1.2]-g-[227.50.1.1]/oif-[Eth1/25]", "reason" : " FLOW Provisioned Successfully", " Switch" : " pmn-n93-leaf2", " dn" : " sys/nbm/show/notify/dom-default/event-[FLOW:s-[11.3.1.2]-g-[227.50.1.1]/oif-[Eth1/25]]", " TimestampReceived" : 1603220262137, " Timestamp" : 1603220262189, " Fabric" : " Default_LAN", " status" : " created" }</pre>

Flow Deleted

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.realtime.switch
Redelivered	•
Properties	<p>message_id: 21005</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Event: Fabric: Default_LAN Switch: pmn-n93-leaf1 DN: sys/nbm/show/notify/dom-default/event-[FLOW:s-[0.0.0.0]-g-[228.50.1.1]/oif-[Eth1/27]]deleted Operation: Real Time Notification Operation Status: Information Sent At: 2020-11-16, 11:30:12 PST Severity: Information Type: Switch User: Internal <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "Switch": "pmn-n93-leaf1", "dn": "sys/nbm/show/notify/dom-default/event-[FLOW:s-[0.0.0.0]-g-[228.50.1.1]/oif-[Eth1/27]]", "TimestampReceived": 1605555012672, "Timestamp": 1605555012618, "Fabric": "Default_LAN", "status": "deleted" }</pre>

VRF

For VRF support, we will need to add VRF field for all the notifications we support so far. VRF info will be added in Event header and in the payload name value pair as well as in payload link.

The followings are examples we captured:

Create Host Alias

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.create.hostalias
Redelivered	●
Properties	<p>message_id: 7000</p> <p>delivery_mode: 2</p> <p>headers: Event: Host Alias with alias name 'HostAlias7-8' in VRF 'default' in Fabric 'Default_LAN' successfully created by admin</p> <p>Operation: Create</p> <p>Operation Status: Success</p> <p>Sent At: 2019-07-08, 15:12:55</p> <p>Severity: Information</p> <p>Type: HostAlias</p> <p>User: admin</p> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload 209 bytes	<pre>{ "fabric": "Default_LAN", "name": "HostAlias7-8", "ipAddress": "3.3.3.3", "vrf": "default", "message": "Host Alias with alias name 'HostAlias7-8' in VRF 'default' in Fabric 'Default_LAN' successfully created by admin" }</pre>

Update Host Alias

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.update.hostalias
Redelivered	●
Properties	<p>message_id: 7001</p> <p>delivery_mode: 2</p> <p>headers: Event: Host Alias with original name and IP address Hos-</p>

VRF

```

tAlias7-8, (3.3.3.3) updated to HostAlias7-8,
(3.3.3.1) in VRF 'default' in Fabric 'Default_LAN' by
admin
Operation: Update
Operation Status: Success
Sent At: 2019-07-08, 15:14:06
Severity: Information
Type: HostAlias
User: admin
content_encoding: UTF-8
content_type: application/json
Payload {
  "fabric": "Default_LAN",
  "name": "HostAlias7-8",
  "ipAddress": "3.3.3.1",
  "vrf": "default",
  "message": "Host Alias with original name and IP address HostAlias7-8, (3.3.3.3)
updated to HostAlias7-8, (3.3.3.1) in VRF 'default' in Fabric 'Default_LAN' by ad-
min"
}

```

Delete Host Alias

```

Exchange DCNMExchange
Routing Key information.com.cisco.dcnm.event.pmn.delete.hostalias
Redelivered ●
Properties message_id: 7002
delivery_mode: 2
headers: Event: Host Alias with name 'HostAlias7-8' in VRF 'default' in
Fabric 'Default_LAN' in Fabric 'Default_LAN' deleted by
admin
Operation: Delete
Operation Status: Success
Status:
Sent At: 2019-07-08, 15:14:33
Severity: Information
Type: HostAlias
User: admin
content_encoding: UTF-8
content_type: application/json
Payload {
  "fabric": "Default_LAN",
  "name": "HostAlias7-8",
  "ipAddress": "3.3.3.1",

```

VRF

```

    "vrf" : " default" ,
    "message" : " Host Alias with name 'HostAlias7-8' in VRF 'default' in Fabric 'De
fault_LAN' in Fabric 'Default_LAN' deleted by admin"
  }

```

Discovered Host

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.discover.host
Redelivered	o
Properties	<pre> message_id: 1005 delivery_mode: 2 headers: Event: Host:20.2.1.20 Discovered Source:20.2.1.20 group:228.20.0.48 in VRF coke Operation: Discover Operation Success Status: Sent At: 2019-06-14, 23:41:21 Severity: Information Type: Host User: admin content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "role" : " Sender" , "Switch time" : " Fri, Jun 14 2019 23:40:31 (PDT)" , "ipAddress" : " 20.2.1.20" , "discovered by" : "" , "vrf" : " coke" , "source" : " 20.2.1.20" , "message" : " Host:20.2.1.20 Discovered Source:20.2.1.20 group:228.20.0.48 in VRF coke" , "interface" : " Vlan21" , "mac" : "" , "switch" : " pmn-109-leaf" , "external" : " NO" , "fault reason" : " NONE" , "name" : " Host-20.2.1.20" , "group" : " 228.20.0.48" } </pre>

Deleted Host

Exchange	DCNMExchange
----------	--------------

VRF

Routing Key	information.com.cisco.dcnm.event.pmn.delete.host
Redelivered	●
Properties	<pre> message_id: 1002 delivery_mode: 2 headers: Event: Host:10.2.1.20 Deleted Source:0.0.0.0 group:228.20.0.8 in VRF coke Operation: Delete Operation Status: Success Sent At: 2019-06-15, 12:14:47 Severity: Information Type: Host User: Internal content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "role" : "Dynamic Receiver", "Switch time" : " Sat, Jun 15 2019 11:10:16 (PDT)", "ipAddress" : " 10.2.1.20", "discoverd by" : "IGMP", "vrf" : "coke", "source" : " 0.0.0.0", "message" : " Host:10.2.1.20 Deleted Source:0.0.0.0 group:228.20.0.8 in VRF coke", "interface" : "Vlan11", "mac" : "", "switch" : "pmn-109-leaf", "external" : "NO", "fault reason" : "NONE", "name" : "Host-10.2.1.20", "group" : "228.20.0.8" } </pre>

Create Host Alias Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.create.hostalias
Redelivered	○
Properties	<pre> message_id: 7100 delivery_mode: 2 headers: Event: Failed to create Host Alias with alias name HostAlias in VRF default by admin (Error:Host Alias 'HostAlias' in VRF default already exists.) Operation: Create </pre>

VRF

	Operation	Failure
	Status:	
	Sent At:	2019-06-08, 23:34:06
	Severity:	Error
	Type:	HostAlias
	User:	admin
	content_encoding:	UTF-8
	content_type:	application/json
Payload	{	
210 bytesEn-		" name": "HostAlias" ,
coding: string		" ipAddress": " 1.1.1.2" ,
		" vrf": " default" ,
		" message": " Failed to create Host Alias with alias name HostAlias in VRF default
		by admin (Error:Host Alias 'HostAlias' in VRF default already exists.)"
	}	

Update Host Alias Failure

Exchange	DCNMExchange																										
Routing Key	error.com.cisco.dcnm.event.pmn.update.hostalias																										
Redelivered	o																										
Properties	<table border="0"> <tr> <td>message_id:</td> <td>7101</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> <tr> <td>headers:</td> <td> <table border="0"> <tr> <td>Event:</td> <td>Failed to update Host Alias with original name and IP address Jun3, (2.2.2.2) to June3, (2.2.2.2) in VRF default by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation</td> <td>Failure</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Sent At:</td> <td>2019-06-04, 12:52:26</td> </tr> <tr> <td>Severity:</td> <td>Error</td> </tr> <tr> <td>Type:</td> <td>HostAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> </td> </tr> <tr> <td></td> <td>content_encoding: UTF-8</td> </tr> <tr> <td></td> <td>content_type: application/json</td> </tr> </table>	message_id:	7101	delivery_mode:	2	headers:	<table border="0"> <tr> <td>Event:</td> <td>Failed to update Host Alias with original name and IP address Jun3, (2.2.2.2) to June3, (2.2.2.2) in VRF default by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation</td> <td>Failure</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Sent At:</td> <td>2019-06-04, 12:52:26</td> </tr> <tr> <td>Severity:</td> <td>Error</td> </tr> <tr> <td>Type:</td> <td>HostAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table>	Event:	Failed to update Host Alias with original name and IP address Jun3, (2.2.2.2) to June3, (2.2.2.2) in VRF default by admin	Operation:	Update	Operation	Failure	Status:		Sent At:	2019-06-04, 12:52:26	Severity:	Error	Type:	HostAlias	User:	admin		content_encoding: UTF-8		content_type: application/json
message_id:	7101																										
delivery_mode:	2																										
headers:	<table border="0"> <tr> <td>Event:</td> <td>Failed to update Host Alias with original name and IP address Jun3, (2.2.2.2) to June3, (2.2.2.2) in VRF default by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation</td> <td>Failure</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Sent At:</td> <td>2019-06-04, 12:52:26</td> </tr> <tr> <td>Severity:</td> <td>Error</td> </tr> <tr> <td>Type:</td> <td>HostAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table>	Event:	Failed to update Host Alias with original name and IP address Jun3, (2.2.2.2) to June3, (2.2.2.2) in VRF default by admin	Operation:	Update	Operation	Failure	Status:		Sent At:	2019-06-04, 12:52:26	Severity:	Error	Type:	HostAlias	User:	admin										
Event:	Failed to update Host Alias with original name and IP address Jun3, (2.2.2.2) to June3, (2.2.2.2) in VRF default by admin																										
Operation:	Update																										
Operation	Failure																										
Status:																											
Sent At:	2019-06-04, 12:52:26																										
Severity:	Error																										
Type:	HostAlias																										
User:	admin																										
	content_encoding: UTF-8																										
	content_type: application/json																										
Payload	<table border="0"> <tr> <td>{</td> <td></td> </tr> <tr> <td></td> <td>" message": " Failed to update Host Alias with original name and IP address Jun3,</td> </tr> <tr> <td></td> <td>(2.2.2.2) to June3, (2.2.2.2) in VRF default by admin"</td> </tr> <tr> <td>}</td> <td></td> </tr> </table>	{			" message": " Failed to update Host Alias with original name and IP address Jun3,		(2.2.2.2) to June3, (2.2.2.2) in VRF default by admin"	}																			
{																											
	" message": " Failed to update Host Alias with original name and IP address Jun3,																										
	(2.2.2.2) to June3, (2.2.2.2) in VRF default by admin"																										
}																											

Delete Host Alias Failure

Exchange	DCNMExchange																
Routing Key	error.com.cisco.dcnm.event.pmn.delete.hostalias																
Redelivered	o																
Properties	<p>message_id: 7102</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>Host Alias deletion failed. 'Anyname' in VRF default does not exist.</td> </tr> <tr> <td>Operation:</td> <td>Delete</td> </tr> <tr> <td>Operation</td> <td>Failure</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Sent At:</td> <td>2019-06-04, 13:01:25</td> </tr> <tr> <td>Severity:</td> <td>Error</td> </tr> <tr> <td>Type:</td> <td>HostAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	Host Alias deletion failed. 'Anyname' in VRF default does not exist.	Operation:	Delete	Operation	Failure	Status:		Sent At:	2019-06-04, 13:01:25	Severity:	Error	Type:	HostAlias	User:	admin
Event:	Host Alias deletion failed. 'Anyname' in VRF default does not exist.																
Operation:	Delete																
Operation	Failure																
Status:																	
Sent At:	2019-06-04, 13:01:25																
Severity:	Error																
Type:	HostAlias																
User:	admin																
Payload	<pre>{ "message": "Host Alias deletion failed. 'Anyname' in VRF default does not exist." }</pre>																

Create Host Policy

Exchange	DCNMExchange														
Routing Key	information.com.cisco.dcnm.event.pmn.create.hostpolicy														
Redelivered	o														
Properties	<p>message_id: 2000</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>Host policy JunePolicy in VRF default successfully saved by admin</td> </tr> <tr> <td>Operation:</td> <td>Create</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-04, 16:14:28</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>HostPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	Host policy JunePolicy in VRF default successfully saved by admin	Operation:	Create	Operation Status:	Success	Sent At:	2019-06-04, 16:14:28	Severity:	Information	Type:	HostPolicy	User:	admin
Event:	Host policy JunePolicy in VRF default successfully saved by admin														
Operation:	Create														
Operation Status:	Success														
Sent At:	2019-06-04, 16:14:28														
Severity:	Information														
Type:	HostPolicy														
User:	admin														
Payload	<pre>{</pre>														

VRF

```

        "sequenceNumber":5,
        "policyName":" JunePolicy" ,
        "permit":true,
        "link":" https://172.23.244.98/rest/pmnhostpolicies/JunePolicy" ,
        "hostRole":" Sender" ,
        "vrf":" default" ,
        "message":" Host policy JunePolicy in VRF default successfully saved by admin" ,
        "multicast":" **" ,
        "senderIp":" 3.3.3.3" ,
        "mask":0,
        "receiverIp":""
    }

```

Update Host Policy

Exchange	DCNMExchange														
Routing Key	information.com.cisco.dcnm.event.pmnh.update.hostpolicy														
Redelivered	o														
Properties	<p>message_id: 2001</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>Host policy JunePolicy in VRF default successfully saved by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-04, 16:19:17</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>HostPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	Host policy JunePolicy in VRF default successfully saved by admin	Operation:	Update	Operation Status:	Success	Sent At:	2019-06-04, 16:19:17	Severity:	Information	Type:	HostPolicy	User:	admin
Event:	Host policy JunePolicy in VRF default successfully saved by admin														
Operation:	Update														
Operation Status:	Success														
Sent At:	2019-06-04, 16:19:17														
Severity:	Information														
Type:	HostPolicy														
User:	admin														
Payload	<pre> { "sequenceNumber":5, "policyName":" JunePolicy" , "permit":true, "link":" https://172.23.244.98/rest/pmnhostpolicies/JunePolicy" , "hostRole":" Sender" , "vrf":" default" , "message":" Host policy JunePolicy in VRF default successfully saved by admin" , "multicast":" **" , "senderIp":" 3.3.3.3" , "mask":4, "receiverIp":"" } </pre>														

Delete Host Policy

Exchange	DCNMExchange																
Routing Key	information.com.cisco.dcnm.event.pmn.delete.hostpolicy																
Redelivered	o																
Properties	<p>message_id: 2002</p> <p>delivery_mode: 2</p> <p>headers: <table border="0"> <tr> <td>Event:</td> <td>Host policy JunePolicy in VRF de-</td> </tr> <tr> <td></td> <td>fault deleted by admin</td> </tr> <tr> <td>Operation:</td> <td>Delete</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-04, 16:22:57</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>HostPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> </p> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	Host policy JunePolicy in VRF de-		fault deleted by admin	Operation:	Delete	Operation Status:	Success	Sent At:	2019-06-04, 16:22:57	Severity:	Information	Type:	HostPolicy	User:	admin
Event:	Host policy JunePolicy in VRF de-																
	fault deleted by admin																
Operation:	Delete																
Operation Status:	Success																
Sent At:	2019-06-04, 16:22:57																
Severity:	Information																
Type:	HostPolicy																
User:	admin																
Payload 290 bytesEn- coding: string	<pre>{ "sequenceNumber":5, "policyName":" JunePolicy" , "permit":true, "link": " https://172.23.244.98/rest/pmn/hostpolicies/JunePolicy" , "hostRole": " Sender" , "vrf": " default" , "message": " Host policy JunePolicy in VRF default deleted by admin" , "multicast": " **" , "senderIp": " 3.3.3.3" , "mask": "0,"receiverIp": " " }</pre>																

Deploy Host Policy

Exchange	DCNMExchange												
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.hostpolicy												
Redelivered	o												
Properties	<p>message_id: 2006</p> <p>delivery_mode: 2</p> <p>headers: <table border="0"> <tr> <td>Event:</td> <td>HostPolicy [June20] Deployment in VRF:</td> </tr> <tr> <td></td> <td>default on switch: 10.23.234.152</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-19, 12:02:04</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> </table> </p>	Event:	HostPolicy [June20] Deployment in VRF:		default on switch: 10.23.234.152	Operation:	Deploy	Operation Status:	Success	Sent At:	2019-06-19, 12:02:04	Severity:	Information
Event:	HostPolicy [June20] Deployment in VRF:												
	default on switch: 10.23.234.152												
Operation:	Deploy												
Operation Status:	Success												
Sent At:	2019-06-19, 12:02:04												
Severity:	Information												

VRF

	Type:	HostPolicy
	User:	admin
	content_encoding:	UTF-8
	content_type:	application/json
Payload	{	
	"Deployed data" : "[June20]" ,	
	"deployment type" : "HostPolicy" ,	
	"vrf" : "default" ,	
	"switch-ip" : "10.23.234.152"	
	}	

Un-Deploy Host Policy

Exchange	DCNMExchange																								
Routing Key	information.com.cisco.dcnm.event.pmn.undeploy.hostpolicy																								
Redelivered	o																								
Properties	<table border="0"> <tr> <td>message_id:</td> <td>2006</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> <tr> <td>headers:</td> <td> <table border="0"> <tr> <td>Event:</td> <td>HostPolicy [June20] Undeployment in VRF: default on switch: 172.22.31.109</td> </tr> <tr> <td>Operation:</td> <td>UNDEPLOY</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-19, 12:53:46</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>HostPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> </td> </tr> <tr> <td></td> <td>content_encoding: UTF-8</td> </tr> <tr> <td></td> <td>content_type: application/json</td> </tr> </table>	message_id:	2006	delivery_mode:	2	headers:	<table border="0"> <tr> <td>Event:</td> <td>HostPolicy [June20] Undeployment in VRF: default on switch: 172.22.31.109</td> </tr> <tr> <td>Operation:</td> <td>UNDEPLOY</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-19, 12:53:46</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>HostPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table>	Event:	HostPolicy [June20] Undeployment in VRF: default on switch: 172.22.31.109	Operation:	UNDEPLOY	Operation Status:	Success	Sent At:	2019-06-19, 12:53:46	Severity:	Information	Type:	HostPolicy	User:	admin		content_encoding: UTF-8		content_type: application/json
message_id:	2006																								
delivery_mode:	2																								
headers:	<table border="0"> <tr> <td>Event:</td> <td>HostPolicy [June20] Undeployment in VRF: default on switch: 172.22.31.109</td> </tr> <tr> <td>Operation:</td> <td>UNDEPLOY</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-19, 12:53:46</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>HostPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table>	Event:	HostPolicy [June20] Undeployment in VRF: default on switch: 172.22.31.109	Operation:	UNDEPLOY	Operation Status:	Success	Sent At:	2019-06-19, 12:53:46	Severity:	Information	Type:	HostPolicy	User:	admin										
Event:	HostPolicy [June20] Undeployment in VRF: default on switch: 172.22.31.109																								
Operation:	UNDEPLOY																								
Operation Status:	Success																								
Sent At:	2019-06-19, 12:53:46																								
Severity:	Information																								
Type:	HostPolicy																								
User:	admin																								
	content_encoding: UTF-8																								
	content_type: application/json																								
Payload	<table border="0"> <tr> <td>{</td> <td></td> </tr> <tr> <td> "Deployed data" : "[June20]" ,</td> <td></td> </tr> <tr> <td> "deployment type" : "HostPolicy" ,</td> <td></td> </tr> <tr> <td> "vrf" : "default" ,</td> <td></td> </tr> <tr> <td> "switch-ip" : "172.22.31.109"</td> <td></td> </tr> <tr> <td>}</td> <td></td> </tr> </table>	{		"Deployed data" : "[June20]" ,		"deployment type" : "HostPolicy" ,		"vrf" : "default" ,		"switch-ip" : "172.22.31.109"		}													
{																									
"Deployed data" : "[June20]" ,																									
"deployment type" : "HostPolicy" ,																									
"vrf" : "default" ,																									
"switch-ip" : "172.22.31.109"																									
}																									

Applied Host Policy

Exchange	DCNMExchange				
Routing Key	information.com.cisco.dcnm.event.pmn.create.hostpolicy				
Redelivered	o				
Properties	<table border="0"> <tr> <td>message_id:</td> <td>2005</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> </table>	message_id:	2005	delivery_mode:	2
message_id:	2005				
delivery_mode:	2				

VRF

Payload	<pre> headers: Event: Policy Default-Receiver-Local Applied on Switch:pmn-109-leaf Interface:ALL in VRF default Operation: Create Operation Status: Success Sent At: 2019-06-18, 10:49:03 Severity: Information Type: HostPolicy User: Internal content_encoding: UTF-8 content_type: application/json { "switchIP" : "172.22.31.109", "Action" : "created", "role" : "RECEIVER", "Switch time" : "2019-06-18, 10:47:12", "policyName" : "Default-Receiver-Local", "permit" : "true", "vrf" : "default", "message" : "Policy Default-Receiver-Local Applied on Switch:pmn-109-leaf In- terface:ALL in VRF default", "interface" : "IfIndex:0 Ifname not available" } </pre>
---------	---

Create Host Policy Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.create.hostpolicy
Redelivered	o
Properties	<pre> message_id: 2100 delivery_mode: 2 headers: Event: Policy with name June4Policy in VRF default already exists. Operation: Create Operation Status: Failure Sent At: 2019-06-06, 18:01:22 Severity: Error Type: HostPolicy User: admin content_encoding: UTF-8 content_type: application/json { "permit" : false, "vrf" : "default", </pre>
Payload	<pre> { "permit" : false, "vrf" : "default", </pre>

VRF

```

    "message": "Policy with name June4Policy in VRF default already exists.",
    "mask": 0
  }

```

Update Host Policy Failure

Exchange	DCNMExchange		
Routing Key	error.com.cisco.dcnm.event.pmn.update.hostpolicy		
Redelivered	●		
Properties	message_id:	2101	
	delivery_mode:	2	
	headers:	Event:	Host Policy with policy name Somename in VRF default failed to updated by admin. Error: Policy does not exist. Nothing to update.
		Operation:	Update
		Operation Status:	Failure
		Sent At:	2019-06-04, 16:41:16
		Severity:	Error
		Type:	HostPolicy
		User:	admin
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	<pre> { "permit": false, "vrf": "default", "message": "Host Policy with policy name Somename in VRF default failed to updated by admin. Error: Policy does not exist. Nothing to update.", "mask": 0 } </pre>		

Delete Host Policy Failure

Exchange	DCNMExchange		
Routing Key	error.com.cisco.dcnm.event.pmn.delete.hostpolicy		
Redelivered	○		
Properties	message_id:	2102	
	delivery_mode:	2	
	headers:	Event:	Host Policy with policy name Somein VRF default failed to be deleted by admin. Error: Policy does not exist. Nothing to delete.
		Operation:	Delete
		Operation Status:	Failure
		Sent At:	2019-06-04, 16:44:43

VRF

	Severity:	Error
	Type:	HostPolicy
	User:	admin
Payload	content_encoding:	UTF-8
	content_type:	application/json

Deploy Host Policy Failure

Exchange	DCNMExchange	
Routing Key	error.com.cisco.dcnm.event.pmn.deploy.hostpolicy	
Redelivered	o	
Properties	message_id:	2106
	delivery_mode:	2
	headers:	Event: HostPolicy [HostPolicy25] Deployment failed in VRF: default on switch: 172.22.31.104, Reason: configured object ((Dn0)) not found Dn0=sys/nbm/conf/hostpolicytable/dom-default, Operation: Deploy Operation Status: Failure Sent At: 2019-06-24, 23:57:46 Severity: Error Type: HostPolicy User: admin
	content_encoding:	UTF-8
	content_type:	application/json
Payload	<pre>{ "Deployed data" : "[HostPolicy25]", "deployment type" : "HostPolicy", "vrf" : "default", "switch-ip" : "172.22.31.104" }</pre>	

Create Flow Alias

Exchange	DCNMExchange	
Routing Key	information.com.cisco.dcnm.event.pmn.create.flowalias	
Redelivered	o	
Properties	message_id:	4000
	delivery_mode:	2
	headers:	Event: Flow Alias with alias name FlowAlias8 in VFF

VRF

		default successfully created by admin
	Operation:	Create
	Operation Status:	Success
	Sent At:	2019-06-08, 08:53:59
	Severity:	Information
	Type:	FlowAlias
	User:	admin
	content_encoding:	UTF-8
	content_type:	application/json
Payload	{	
	" name" :"	FlowAlias8" ,
	" link" :"	https://172.23.244.98/rest/pmn/flowalias/FlowAlias8" ,
	" description" :"	Flow Alias 8" ,
	" vrf" :"	default" ,
	" message" :"	Flow Alias with alias name FlowAlias8 in VFF default successfully
	created by admin" ,	
	" multicastIp" :"	224.1.1.1" }

Update Flow Alias

Exchange	DCNMExchange																								
Routing Key	information.com.cisco.dcnm.event.pmn.update.flowalias																								
Redelivered	o																								
Properties	<table border="0"> <tr> <td>message_id:</td> <td>4001</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> <tr> <td>headers:</td> <td> <table border="0"> <tr> <td>Event:</td> <td>Flow Alias updated with alias name FlowAlias8 in VRF default by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-08, 08:56:53</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>FlowAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> </td> </tr> <tr> <td>content_encoding:</td> <td>UTF-8</td> </tr> <tr> <td>content_type:</td> <td>application/json</td> </tr> </table>	message_id:	4001	delivery_mode:	2	headers:	<table border="0"> <tr> <td>Event:</td> <td>Flow Alias updated with alias name FlowAlias8 in VRF default by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-08, 08:56:53</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>FlowAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table>	Event:	Flow Alias updated with alias name FlowAlias8 in VRF default by admin	Operation:	Update	Operation Status:	Success	Sent At:	2019-06-08, 08:56:53	Severity:	Information	Type:	FlowAlias	User:	admin	content_encoding:	UTF-8	content_type:	application/json
message_id:	4001																								
delivery_mode:	2																								
headers:	<table border="0"> <tr> <td>Event:</td> <td>Flow Alias updated with alias name FlowAlias8 in VRF default by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-08, 08:56:53</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>FlowAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table>	Event:	Flow Alias updated with alias name FlowAlias8 in VRF default by admin	Operation:	Update	Operation Status:	Success	Sent At:	2019-06-08, 08:56:53	Severity:	Information	Type:	FlowAlias	User:	admin										
Event:	Flow Alias updated with alias name FlowAlias8 in VRF default by admin																								
Operation:	Update																								
Operation Status:	Success																								
Sent At:	2019-06-08, 08:56:53																								
Severity:	Information																								
Type:	FlowAlias																								
User:	admin																								
content_encoding:	UTF-8																								
content_type:	application/json																								
Payload	{																								
	" name" :"																								
	" link" :"																								
	" description" :"																								
	" vrf" :"																								
	" message" :"																								
	Flow Alias updated with alias name FlowAlias8 in VRF default by																								
	admin" ,																								
	" multicastIp" :"																								
	224.2.2.2"																								
	}																								

Delete Flow Alias

Exchange	DCNMExchange														
Routing Key	information.com.cisco.dcnm.event.pmn.delete.flowalias														
Redelivered	o														
Properties	<p>message_id: 4002</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>Flow Alias with alias name FlowAlias8 in VRF default successfully deleted by admin</td> </tr> <tr> <td>Operation:</td> <td>Delete</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-08, 09:01:25</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>FlowAlias</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	Flow Alias with alias name FlowAlias8 in VRF default successfully deleted by admin	Operation:	Delete	Operation Status:	Success	Sent At:	2019-06-08, 09:01:25	Severity:	Information	Type:	FlowAlias	User:	admin
Event:	Flow Alias with alias name FlowAlias8 in VRF default successfully deleted by admin														
Operation:	Delete														
Operation Status:	Success														
Sent At:	2019-06-08, 09:01:25														
Severity:	Information														
Type:	FlowAlias														
User:	admin														
Payload	<pre>{ "name" : " FlowAlias8" , "description" : " Flow Alias 8" , "vrf" : " default" , "message" : " Flow Alias with alias name FlowAlias8 in VRF default successfully deleted by admin" , "multicastIp" : " 224.2.2.2" }</pre>														

Create Flow

Exchange	DCNMExchange														
Routing Key	information.com.cisco.dcnm.event.pmn.create.flow														
Redelivered	o														
Properties	<p>message_id: 5000</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>Flow created for Source:20.2.1.20, Receiver:10.2.1.20 group:228.20.0.5 in VRF coke</td> </tr> <tr> <td>Operation:</td> <td>Create</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-18, 12:16:24</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>Flow</td> </tr> <tr> <td>User:</td> <td>Internal</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	Flow created for Source:20.2.1.20, Receiver:10.2.1.20 group:228.20.0.5 in VRF coke	Operation:	Create	Operation Status:	Success	Sent At:	2019-06-18, 12:16:24	Severity:	Information	Type:	Flow	User:	Internal
Event:	Flow created for Source:20.2.1.20, Receiver:10.2.1.20 group:228.20.0.5 in VRF coke														
Operation:	Create														
Operation Status:	Success														
Sent At:	2019-06-18, 12:16:24														
Severity:	Information														
Type:	Flow														
User:	Internal														

VRF

```

Payload
{
  "Sender Switch time" : " 172.22.31.109: 2019-06-18, 12:15:37" ,
  "sender-IP" : " 20.2.1.20" ,
  "Receiver Switch time" : " 172.22.31.109: 2019-06-18, 12:15:37" ,
  "receiver-IP" : " 10.2.1.20" ,
  "receiver-host-interface" : " Vlan11" ,
  "vrf" : " coke" ,
  "sender-leaf" : " 172.22.31.109" ,
  "receiver-leaf" : " 172.22.31.109" ,
  "group" : " 228.20.0.5" ,
  "sender-host-interface" : " Vlan21" ,
  "policy" : " Default"
}
    
```

Delete Flow

Exchange	DCNMExchange																																	
Routing Key	information.com.cisco.dcnm.event.pmn.delete.flow																																	
Redelivered	●																																	
Properties	<table border="0"> <tr> <td>message_id:</td> <td>5003</td> <td></td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> <td></td> </tr> <tr> <td>headers:</td> <td>Event:</td> <td>Flow deleted for Source:20.2.1.20, Receiver:10.2.1.20 group:228.20.0.5 in VRF coke</td> </tr> <tr> <td></td> <td>Operation:</td> <td>Delete</td> </tr> <tr> <td></td> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td></td> <td>Sent At:</td> <td>2019-06-18, 12:24:25</td> </tr> <tr> <td></td> <td>Severity:</td> <td>Information</td> </tr> <tr> <td></td> <td>Type:</td> <td>Flow</td> </tr> <tr> <td></td> <td>User:</td> <td>Internal</td> </tr> <tr> <td></td> <td>content_encoding:</td> <td>UTF-8</td> </tr> <tr> <td></td> <td>content_type:</td> <td>application/json</td> </tr> </table>	message_id:	5003		delivery_mode:	2		headers:	Event:	Flow deleted for Source:20.2.1.20, Receiver:10.2.1.20 group:228.20.0.5 in VRF coke		Operation:	Delete		Operation Status:	Success		Sent At:	2019-06-18, 12:24:25		Severity:	Information		Type:	Flow		User:	Internal		content_encoding:	UTF-8		content_type:	application/json
message_id:	5003																																	
delivery_mode:	2																																	
headers:	Event:	Flow deleted for Source:20.2.1.20, Receiver:10.2.1.20 group:228.20.0.5 in VRF coke																																
	Operation:	Delete																																
	Operation Status:	Success																																
	Sent At:	2019-06-18, 12:24:25																																
	Severity:	Information																																
	Type:	Flow																																
	User:	Internal																																
	content_encoding:	UTF-8																																
	content_type:	application/json																																
Payload	<pre> { "Sender Switch time" : " 172.22.31.109: 2019-06-18, 12:15:37" , "sender-IP" : " 20.2.1.20" , "Receiver Switch time" : " 172.22.31.109: 2019-06-18, 12:15:37" , "receiver-IP" : " 10.2.1.20" , "receiver-host-interface" : " Vlan11" , "vrf" : " coke" , "sender-leaf" : " 172.22.31.109" , "receiver-leaf" : " 172.22.31.109" , "group" : " 228.20.0.5" , "sender-host-interface" : " Vlan21" , "policy" : " Default" } </pre>																																	

Create Flow Alias Failure

Exchange	DCNMExchange		
Routing Key	error.com.cisco.dcnm.event.pmn.create.flowalias		
Redelivered	o		
Properties	message_id:	4100	
	delivery_mode:	2	
	headers:	Event:	Flow Alias with alias name FlowAlias in VRF default failed to be created by admin
		Operation:	Create
		Operation Status:	Failure
		Sent At:	2019-06-08, 09:31:41
		Severity:	Error
		Type:	FlowAlias
		User:	admin
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	<pre>{ "name": "FlowAlias", "description": "Flow Alias", "vrf": "default", "message": "Flow Alias with alias name FlowAlias in VRF default failed to be created by admin", "multicastIp": "254.1.2.1" }</pre>		

Update Flow Alias Failure

Exchange	DCNMExchange		
Routing Key	error.com.cisco.dcnm.event.pmn.update.flowalias		
Redelivered	o		
Properties	message_id:	4101	
	delivery_mode:	2	
	headers:	Event:	Flow Alias with alias name FlowAlias8 in VRF default failed to be updated by admin
		Operation:	Update
		Operation Status:	Failure
		Sent At:	2019-06-08, 09:33:05
		Severity:	Error
		Type:	FlowAlias
		User:	admin
	content_encoding:	UTF-8	
	content_type:	application/json	

VRF

```

Payload
{
    "name": "FlowAlias8",
    "link": "https://172.23.244.98/rest/pmn/flowalias/7050",
    "description": "Flow Alias 8",
    "vrf": "default",
    "message": "Flow Alias with alias name FlowAlias8 in VRF default failed to be updated by admin",
    "multicastIp": "244.1.1.1"
}

```

Delete Flow Alias Failure

```

Exchange      DCNMExchange
Routing Key   error.com.cisco.dcnm.event.pmn.delete.flowalias
Redelivered   o
Properties
message_id:   4102
delivery_mode: 2
headers:      Event:      Flow Alias with alias name SomeFlowAlias in VRF default failed to be deleted by admin
              Operation:   Delete
              Operation Status: Failure
              Sent At:     2019-06-08, 09:53:36
              Severity:    Error
              Type:        FlowAlias
              User:        admin
content_encoding: UTF-8
content_type:   application/json
Payload
{
    "link": "https://172.23.244.98/rest/pmn/flowalias/flowalias/SomeFlowAlias",
    "message": "Flow Alias with alias name SomeFlowAlias in VRF default failed to be deleted by admin"
}

```

Create Flow Policy

```

Exchange      DCNMExchange
Routing Key   information.com.cisco.dcnm.event.pmn.create.flowpolicy
Redelivered   ●
Properties
message_id:   3000
delivery_mode: 2
headers:      Event:      Flow Policy with policy name FlowPolicy in VRF default successfully created by admin
              Operation:   Create

```

VRF

	Operation Status:	Success
	Sent At:	2019-06-08, 23:37:30
	Severity:	Information
	Type:	FlowPolicy
	User:	admin
	content_encoding:	UTF-8
	content_type:	application/json
Payload	{	
	"policer" : "Enabled" ,	
	"dscp" : "Best Effort" ,	
	"policyName" : "FlowPolicy" ,	
	"bandwidth" : "3gbps" ,	
	"link" : "https://172.23.244.98/rest/pmn/flowpolicies/FlowPolicy" ,	
	"vrf" : "default" ,	
	"message" : "Flow Policy with policy name FlowPolicy in VRF default successfully created by admin" ,	
	"multicastRangeList" : [{"endIP" : "224.2.2.8" , "deleted" : false, "beginIP" : "224.2.2.2"}]	
	}	

Update Flow Policy

Exchange	DCNMExchange																								
Routing Key	information.com.cisco.dcnm.event.pmn.update.flowpolicy																								
Redelivered	o																								
Properties	<table border="0"> <tr> <td>message_id:</td> <td>3001</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> <tr> <td>headers:</td> <td> <table border="0"> <tr> <td>Event:</td> <td>Flow Policy with policy name FlowPolicy in VRF default successfully updated by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-08, 23:48:31</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>FlowPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> </td> </tr> <tr> <td>content_encoding:</td> <td>UTF-8</td> </tr> <tr> <td>content_type:</td> <td>application/json</td> </tr> </table>	message_id:	3001	delivery_mode:	2	headers:	<table border="0"> <tr> <td>Event:</td> <td>Flow Policy with policy name FlowPolicy in VRF default successfully updated by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-08, 23:48:31</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>FlowPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table>	Event:	Flow Policy with policy name FlowPolicy in VRF default successfully updated by admin	Operation:	Update	Operation Status:	Success	Sent At:	2019-06-08, 23:48:31	Severity:	Information	Type:	FlowPolicy	User:	admin	content_encoding:	UTF-8	content_type:	application/json
message_id:	3001																								
delivery_mode:	2																								
headers:	<table border="0"> <tr> <td>Event:</td> <td>Flow Policy with policy name FlowPolicy in VRF default successfully updated by admin</td> </tr> <tr> <td>Operation:</td> <td>Update</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-08, 23:48:31</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>FlowPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table>	Event:	Flow Policy with policy name FlowPolicy in VRF default successfully updated by admin	Operation:	Update	Operation Status:	Success	Sent At:	2019-06-08, 23:48:31	Severity:	Information	Type:	FlowPolicy	User:	admin										
Event:	Flow Policy with policy name FlowPolicy in VRF default successfully updated by admin																								
Operation:	Update																								
Operation Status:	Success																								
Sent At:	2019-06-08, 23:48:31																								
Severity:	Information																								
Type:	FlowPolicy																								
User:	admin																								
content_encoding:	UTF-8																								
content_type:	application/json																								
Payload	<table border="0"> <tr> <td>{</td> <td></td> </tr> <tr> <td> "policer" : "Enabled" ,</td> <td></td> </tr> <tr> <td> "policyName" : "FlowPolicy" ,</td> <td></td> </tr> <tr> <td> "bandwidth" : "3mbps" ,</td> <td></td> </tr> <tr> <td> "link" : "https://172.23.244.98/rest/pmn/flowpolicies/FlowPolicy" ,</td> <td></td> </tr> <tr> <td> "vrf" : "default" ,</td> <td></td> </tr> <tr> <td> "message" : "Flow Policy with policy name FlowPolicy in VRF default successfully updated by admin" ,</td> <td></td> </tr> <tr> <td> "multicastRangeList" : [{"endIP" : "224.2.2.8" , "deleted" : false, "beginIP" : "224.2.2.2"}]</td> <td></td> </tr> <tr> <td>}</td> <td></td> </tr> </table>	{		"policer" : "Enabled" ,		"policyName" : "FlowPolicy" ,		"bandwidth" : "3mbps" ,		"link" : "https://172.23.244.98/rest/pmn/flowpolicies/FlowPolicy" ,		"vrf" : "default" ,		"message" : "Flow Policy with policy name FlowPolicy in VRF default successfully updated by admin" ,		"multicastRangeList" : [{"endIP" : "224.2.2.8" , "deleted" : false, "beginIP" : "224.2.2.2"}]		}							
{																									
"policer" : "Enabled" ,																									
"policyName" : "FlowPolicy" ,																									
"bandwidth" : "3mbps" ,																									
"link" : "https://172.23.244.98/rest/pmn/flowpolicies/FlowPolicy" ,																									
"vrf" : "default" ,																									
"message" : "Flow Policy with policy name FlowPolicy in VRF default successfully updated by admin" ,																									
"multicastRangeList" : [{"endIP" : "224.2.2.8" , "deleted" : false, "beginIP" : "224.2.2.2"}]																									
}																									

Delete Flow Policy

Exchange	DCNMExchange														
Routing Key	information.com.cisco.dcnm.event.pmn.delete.flowpolicy														
Redelivered	o														
Properties	<p>message_id: 3002</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>Flow Policy with policy name FlowPolicy in VRF default successfully deleted by admin</td> </tr> <tr> <td>Operation:</td> <td>Delete</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-08, 23:50:19</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>FlowPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	Flow Policy with policy name FlowPolicy in VRF default successfully deleted by admin	Operation:	Delete	Operation Status:	Success	Sent At:	2019-06-08, 23:50:19	Severity:	Information	Type:	FlowPolicy	User:	admin
Event:	Flow Policy with policy name FlowPolicy in VRF default successfully deleted by admin														
Operation:	Delete														
Operation Status:	Success														
Sent At:	2019-06-08, 23:50:19														
Severity:	Information														
Type:	FlowPolicy														
User:	admin														
Payload	<pre>{ "policer" : "Enabled", "policyName" : "FlowPolicy", "bandwidth" : "3mbps", "vrf" : "default", "message" : "Flow Policy with policy name FlowPolicy in VRF default successfully deleted by admin", "multicastRangeList" : [{"endIP" : "224.2.2.8", "deleted" : false, "beginIP" : "224.2.2.2"}] }</pre>														

Deploy Flow Policy

Exchange	DCNMExchange														
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.flowpolicy														
Redelivered	o														
Properties	<p>message_id: 3006</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>FlowPolicy [FlowPolicy] Deployment in VRF: default on switch: 172.22.31.109</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-19, 12:11:12</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>FlowPolicy</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p>	Event:	FlowPolicy [FlowPolicy] Deployment in VRF: default on switch: 172.22.31.109	Operation:	Deploy	Operation Status:	Success	Sent At:	2019-06-19, 12:11:12	Severity:	Information	Type:	FlowPolicy	User:	admin
Event:	FlowPolicy [FlowPolicy] Deployment in VRF: default on switch: 172.22.31.109														
Operation:	Deploy														
Operation Status:	Success														
Sent At:	2019-06-19, 12:11:12														
Severity:	Information														
Type:	FlowPolicy														
User:	admin														

VRF

Payload	<pre> content_type: application/json { "Deployed data" : "[FlowPolicy]", "deployment type" : "[FlowPolicy]", "vrf" : "[default]", "switch-ip" : "[172.22.31.109]" } </pre>
---------	--

Un-Deploy Flow Policy

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.undeploy.flowpolicy
Redelivered	o
Properties	<pre> message_id: 3006 delivery_mode: 2 headers: Event: FlowPolicy [FlowPolicy] Undeployment in VRF: default on switch: 10.23.234.152 Operation: UNDEPLOY Operation Status: Success Sent At: 2019-06-19, 13:02:21 Severity: Information Type: FlowPolicy User: admin content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "Deployed data" : "[FlowPolicy]", "deployment type" : "[FlowPolicy]", "vrf" : "[default]", "switch-ip" : "[10.23.234.152]" } </pre>

Create Flow Policy Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.create.flowpolicy
Redelivered	o
Properties	<pre> message_id: 3100 delivery_mode: 2 headers: Event: Flow Policy with policy name FlowPolicy in VRF default failed to be created by admin. Error: Multicast IP Range (224.1.1.1 - </pre>

VRF

	224.1.1.6) of this policy conflicts with another existing Multicast IP Range (224.1.1.1 - 224.1.1.9)
	Operation: Create
	Operation Status: Failure
	Sent At: 2019-06-08, 23:53:03
	Severity: Error
	Type: FlowPolicy
	User: admin
	content_encoding: UTF-8
	content_type: application/json
Payload	{ "message": "Flow Policy with policy name FlowPolicy in VRF default failed to be created by admin. Error: Multicast IP Range (224.1.1.1 - 224.1.1.6) of this policy conflicts with another existing Multicast IP Range (224.1.1.1 - 224.1.1.9)" }

Update Flow Policy Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.update.flowpolicy
Redelivered	o
Properties	message_id: 3101
	delivery_mode: 2
	headers: Event: Flow Policy with policy name SomeFlowPolicy in VRF default failed to be updated by admin. Error: Invalid bandwidth units
	Operation: Update
	Operation Status: Failure
	Sent At: 2019-06-09, 00:01:33
	Severity: Error
	Type: FlowPolicy
	User: admin
	content_encoding: UTF-8
	content_type: application/json
Payload	{ "message": "Flow Policy with policy name SomeFlowPolicy in VRF default failed to be updated by admin. Error: Invalid bandwidth units" }

Delete Flow Policy Failure

Exchange	DCNMExchange
----------	--------------

VRF

Routing Key	error.com.cisco.dcnm.event.pmn.delete.flowpolicy		
Redelivered	o		
Properties	message_id:	3102	
	delivery_mode:	2	
	headers:	Event:	Flow Policy with policy name SomeFlowPolicy in VRF default failed to be deleted by admin. Error: Policy does not exist. Nothing to delete.
		Operation:	Delete
		Operation Status:	Failure
		Sent At:	2019-06-08, 23:59:15
		Severity:	Error
		Type:	FlowPolicy
		User:	admin
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	<pre>{ "message": "Flow Policy with policy name SomeFlowPolicy in VRF default failed to be deleted by admin. Error: Policy does not exist. Nothing to delete." }</pre>		

Deploy Flow Policy Failure

Exchange	DCNMExchange		
Routing Key	error.com.cisco.dcnm.event.pmn.deploy.flowpolicy		
Redelivered	o		
Properties	message_id:	3106	
	delivery_mode:	2	
	headers:	Event:	FlowPolicy [FlowPolicy25] Deployment failed in VRF: default on switch: 172.22.31.104, Reason: unknown attribute 'policer' in element 'nbmFlowPolicy'
		Operation:	Deploy
		Operation Status:	Failure
		Sent At:	2019-06-25, 00:09:44
		Severity:	Error
		Type:	FlowPolicy
		User:	admin
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	<pre>{ "Deployed data": "[FlowPolicy25]", "deployment type": "FlowPolicy", </pre>		

VRF

```

    "vrf" : " default" ,
    "switch-ip" : " 172.22.31.104"
}

```

Deploy Unicast BW

Exchange	DCNMExchange														
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.unicast_bw														
Redelivered	o														
Properties	<p>message_id: 8000</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>unicast_bw [unicast_bw] Deployment in VRF: default on switch: 172.22.31.109</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-07-08, 17:02:04</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>unicast_bw</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	unicast_bw [unicast_bw] Deployment in VRF: default on switch: 172.22.31.109	Operation:	Deploy	Operation Status:	Success	Sent At:	2019-07-08, 17:02:04	Severity:	Information	Type:	unicast_bw	User:	admin
Event:	unicast_bw [unicast_bw] Deployment in VRF: default on switch: 172.22.31.109														
Operation:	Deploy														
Operation Status:	Success														
Sent At:	2019-07-08, 17:02:04														
Severity:	Information														
Type:	unicast_bw														
User:	admin														
Payload	<pre> { "Deployed data" : "[unicast_bw]" , "deployment type" : "unicast_bw" , "vrf" : " default" , "switch-ip" : " 172.22.31.109" } </pre>														

Un-Deploy Unicast BW

(To do: key and message id should be different than deploy)

Exchange	DCNMExchange										
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.unicast_bw										
Redelivered	o										
Properties	<p>message_id: 8000</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>unicast_bw [unicast_bw] Deployment in VRF: default on switch: 172.22.31.109</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-07-08, 21:38:04</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> </table>	Event:	unicast_bw [unicast_bw] Deployment in VRF: default on switch: 172.22.31.109	Operation:	Deploy	Operation Status:	Success	Sent At:	2019-07-08, 21:38:04	Severity:	Information
Event:	unicast_bw [unicast_bw] Deployment in VRF: default on switch: 172.22.31.109										
Operation:	Deploy										
Operation Status:	Success										
Sent At:	2019-07-08, 21:38:04										
Severity:	Information										

VRF

	Type:	unicast_bw
	User:	admin
content_encoding:	UTF-8	
content_type:	application/json	
Payload	{	
	"Deployed data" : "[unicast_bw]" ,	
	"deployment type" : "unicast_bw" ,	
	"vrf" : " default" ,	
	"switch-ip" : " 172.22.31.109"	
	}	

Deploy Unicast BW Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.deploy.unicast_bw
Redelivered	o
Properties	message_id: 8100
	delivery_mode: 2
headers:	Event: unicast_bw [unicast_bw] Deployment failed in VRF: default on switch: 172.22.31.105, Reason: Invalid request. dn 'sys/nbm/conf/global/dom-default' does not match naming properties specified 'sys/nbm/conf/global/dom-default/global'
	Operation: Deploy
	Operation Status: Failure
	Sent At: 2019-07-07, 09:43:50
	Severity: Error
	Type: unicast_bw
	User: admin
	content_encoding: UTF-8
	content_type: application/json
Payload	{
	"Deployed data" : "[unicast_bw]" ,
	"deployment type" : "unicast_bw" ,
	"vrf" : " default" ,
	"switch-ip" : " 172.22.31.105"
	}

Deploy ASM

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.asm

VRF

Redelivered	o
Properties	<pre> message_id: 8001 delivery_mode: 2 headers: Event: asm [nbmGroupRangeDom] Deployment in VRF: default on switch: 172.22.31.109 Operation: Deploy Operation Status: Success Sent At: 2019-07-08, 17:02:09 Severity: Information Type: asm User: admin content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "Deployed data" : "[nbmGroupRangeDom]", "deployment type" : "asm", "vrf" : "default", "switch-ip" : "172.22.31.109" } </pre>

Un-Deploy ASM

To do: key wrong, message id should be different than deploy

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.asm
Redelivered	o
Properties	<pre> message_id: 8001 delivery_mode: 2 headers: Event: asm [nbmGroupRangeDom] Deployment in VRF: default on switch: 172.22.31.105 Operation: Deploy Operation Status: Success Sent At: 2019-07-06, 17:51:48 Severity: Information Type: asm User: Internal content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "Deployed data" : "[nbmGroupRangeDom]", "deployment type" : "asm", "vrf" : "default", "switch-ip" : "172.22.31.105" } </pre>

}

Deploy ASM Failure

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.deploy.asm
Redelivered	o
Properties	<p>message_id: 8101</p> <p>delivery_mode: 2</p> <p>headers: Event: asm [nbmGroupRangeDom] Deployment failed in VRF: default on switch: 172.22.31.105, Reason: configured object ((Dn0)) not found Dn0=sys/nbm/conf/grouprangelist/dom-default, Operation: Deploy Operation Status: Failure Sent At: 2019-07-07, 09:48:16 Severity: Error Type: asm User: admin</p> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "Deployed data" : "[nbmGroupRangeDom]", "deployment type" : "asm", "vrf" : "default", "switch-ip" : "172.22.31.105" }</pre>

Deploy WAN Link

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.wan_links
Redelivered	o
Properties	<p>message_id: 8002</p> <p>delivery_mode: 2</p> <p>headers: Event: wan_links [wan_links] Deployment in VRF: default on switch: 172.22.31.109 Operation: Deploy Operation Status: Success Sent At: 2019-07-08, 17:06:05 Severity: Information Type: wan_links</p>

VRF

		User:	admin
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	{		
		" Deployed data" :"[wan_links]" ,	
		" deployment type" :"[wan_links]" ,	
		" vrf" :"[default]" ,	
		" switch-ip" :"[172.22.31.109]"	
	}		

Un-Deploy WAN Link

To do: key wrong, message id should be different than deploy

Exchange	DCNMExchange																								
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.wan_links																								
Redelivered	o																								
Properties	<table border="0"> <tr> <td>message_id:</td> <td>8002</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> <tr> <td>headers:</td> <td> <table border="0"> <tr> <td>Event:</td> <td>wan_links [wan_links] Deployment in VRF: default on switch: 172.22.31.105</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-07-06, 18:06:31</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>wan_links</td> </tr> <tr> <td>User:</td> <td>Internal</td> </tr> </table> </td> </tr> <tr> <td></td> <td>content_encoding: UTF-8</td> </tr> <tr> <td></td> <td>content_type: application/json</td> </tr> </table>	message_id:	8002	delivery_mode:	2	headers:	<table border="0"> <tr> <td>Event:</td> <td>wan_links [wan_links] Deployment in VRF: default on switch: 172.22.31.105</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-07-06, 18:06:31</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>wan_links</td> </tr> <tr> <td>User:</td> <td>Internal</td> </tr> </table>	Event:	wan_links [wan_links] Deployment in VRF: default on switch: 172.22.31.105	Operation:	Deploy	Operation Status:	Success	Sent At:	2019-07-06, 18:06:31	Severity:	Information	Type:	wan_links	User:	Internal		content_encoding: UTF-8		content_type: application/json
message_id:	8002																								
delivery_mode:	2																								
headers:	<table border="0"> <tr> <td>Event:</td> <td>wan_links [wan_links] Deployment in VRF: default on switch: 172.22.31.105</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-07-06, 18:06:31</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>wan_links</td> </tr> <tr> <td>User:</td> <td>Internal</td> </tr> </table>	Event:	wan_links [wan_links] Deployment in VRF: default on switch: 172.22.31.105	Operation:	Deploy	Operation Status:	Success	Sent At:	2019-07-06, 18:06:31	Severity:	Information	Type:	wan_links	User:	Internal										
Event:	wan_links [wan_links] Deployment in VRF: default on switch: 172.22.31.105																								
Operation:	Deploy																								
Operation Status:	Success																								
Sent At:	2019-07-06, 18:06:31																								
Severity:	Information																								
Type:	wan_links																								
User:	Internal																								
	content_encoding: UTF-8																								
	content_type: application/json																								
Payload	<table border="0"> <tr> <td>{</td> <td></td> </tr> <tr> <td></td> <td>" Deployed data" :"[wan_links]" ,</td> </tr> <tr> <td></td> <td>" deployment type" :"[wan_links]" ,</td> </tr> <tr> <td></td> <td>" vrf" :"[default]" ,</td> </tr> <tr> <td></td> <td>" switch-ip" :"[172.22.31.105]"</td> </tr> <tr> <td>}</td> <td></td> </tr> </table>	{			" Deployed data" :"[wan_links]" ,		" deployment type" :"[wan_links]" ,		" vrf" :"[default]" ,		" switch-ip" :"[172.22.31.105]"	}													
{																									
	" Deployed data" :"[wan_links]" ,																								
	" deployment type" :"[wan_links]" ,																								
	" vrf" :"[default]" ,																								
	" switch-ip" :"[172.22.31.105]"																								
}																									

Deploy WAN Link Failure

Exchange	DCNMExchange				
Routing Key	error.com.cisco.dcnm.event.pmn.deploy.wan_links				
Redelivered	o				
Properties	<table border="0"> <tr> <td>message_id:</td> <td>8102</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> </table>	message_id:	8102	delivery_mode:	2
message_id:	8102				
delivery_mode:	2				

VRF

headers:	Event:	wan_links [wan_links] Deployment failed in VRF: default on switch: 172.22.31.105, Reason: configured object ((Dn0)) not found Dn0=sys/nbm/conf/interfaces/dom-default,
	Operation:	Deploy
	Operation Status:	Failure
	Sent At:	2019-07-07, 09:51:24
	Severity:	Error
	Type:	wan_links
	User:	admin
content_encoding:	UTF-8	
content_type:	application/json	
Payload	{	
	"Deployed data" : " [wan_links]" ,	
	"deployment type" : " wan_links" ,	
	"vrf" : " default" ,	
	"switch-ip" : " 172.22.31.105"	
	}	

Create Static Receiver

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.create.sreceiver
Redelivered	●
Properties	message_id: 9001
	delivery_mode: 2
headers:	Event: Success in accepting static receiver creation in VRF default with switchIp:172.22.31.109
	Operation: Create
	Operation Status: Success
	Sent At: 2019-06-17, 11:14:30
	Severity: Information
	Type: SReceiver
	User: admin
content_encoding:	UTF-8
content_type:	application/json
Payload	{
	"sourceId" : " 8.8.5.5" ,
	"pod" : " Default_LAN" ,
	"ticket" : " 1WCyaB-1" ,
	"multiCastIpAddress" : " 233.1.1.1" ,
	"create" : true ,
	"hostId" : " 1.1.1.1" ,
	"vrf" : " default" ,
	}

VRF

```

    "message": "Success in accepting static receiver creation in VRF default with
switchIp:172.22.31.109",
    "hostInterface": ""
}

```

Delete Static Receiver

Exchange	DCNMExchange														
Routing Key	information.com.cisco.dcnm.event.pmn.delete.sreceiver														
Redelivered	o														
Properties	<p>message_id: 9003</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>Success in accepting static receiver deletion request in VRF default with switchIp:172.22.31.109</td> </tr> <tr> <td>Operation:</td> <td>Delete</td> </tr> <tr> <td>Operation Status:</td> <td>Success</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-17, 11:52:49</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Type:</td> <td>SReceiver</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	Success in accepting static receiver deletion request in VRF default with switchIp:172.22.31.109	Operation:	Delete	Operation Status:	Success	Sent At:	2019-06-17, 11:52:49	Severity:	Information	Type:	SReceiver	User:	admin
Event:	Success in accepting static receiver deletion request in VRF default with switchIp:172.22.31.109														
Operation:	Delete														
Operation Status:	Success														
Sent At:	2019-06-17, 11:52:49														
Severity:	Information														
Type:	SReceiver														
User:	admin														
Payload	<pre> { "sourceId": "8.8.5.5", "pod": "Default_LAN", "ticket": "1YaZbM-1", "multiCastIpAddress": "233.1.1.1", "create": true, "hostId": "1.1.1.1", "vrf": "default", "message": "Success in accepting static receiver deletion request in VRF default with switchIp:172.22.31.109", "hostInterface": "" } </pre>														

Create Bulk Static Receiver

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.bulk.sreceiver
Redelivered	o
Properties	<p>message_id: 9005</p> <p>delivery_mode: 2</p>

VRF

	headers:	Event:	Success in accepting bulk static receiver request with switchIp:172.22.31.108
		Operation:	Bulk
		Operation Status:	Success
		Sent At:	2019-06-24, 23:35:37
		Severity:	Information
		Type:	SReceiver
		User:	admin
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	<pre>{ "in-put": [{" sourceId": " 8.9.8.9", " pod": " Default_LAN", " multiCastIpAddress": " 233.2.2.2", " create": true, " hostId": " default", " hostInterface": "" }], " ticket": " 3RkXUO-b-1", " message": " Success in accepting bulk static receiver request with switchIp:172.22.31.108" }</pre>		

Deploy Static Receiver

Exchange	DCNMExchange		
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.sreceiver		
Redelivered	●		
Properties	message_id:	9007	
	delivery_mode:	2	
	headers:	Event:	Success in static receiver Create operation for switch:172.22.31.109
		Operation:	Create
		Operation Status:	Success
		Sent At:	2019-06-25, 16:08:14
		Severity:	Information
		Type:	SReceiver
		User:	admin
	content_encoding:	UTF-8	
	content_type:	application/json	
Payload	<pre>{ " Deployed data": " [(ticket:4vDTFQ-1:1,pod:Default_LAN,host:9.9.9.9,source:19.19.19.19,vrf:default,operation:CREATE,seq:4vDTFQ-1:1,group:233.9.9.9)]", " deployment type": " SReceiver", " vrf": " default", " message": " Success in static receiver Create operation for switch:172.22.31.109", }</pre>		

```

    "switch-ip": "172.22.31.109"
  }

```

Create Static Receiver Failure

Exchange	DCNMExchange														
Routing Key	error.com.cisco.dcnm.event.pmn.create.sreceiver														
Redelivered	●														
Properties	<p>message_id: 9002</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>{ "error": { "code": "ProcessingError", "detail": "An error is encountered during request processing with error Caught exception in create static receiver: <<PMNStaticReceiverController>> error in adding static receiver:com.cisco.dcbu.vinci.pmn.models.StaticReceiver@26b01d5[hostId=1.1.1.1,source=8.8.5.5,multicastIp=233.1.1.1,deviceIp=172.22.31.109,interfaceName=NA,deployStatus=1W1FU-1,vrf=default,pod=Default_LAN,deployedSwitchStatus=<null>,creationTime=<null>,modifiedTime=<null>] with exception:ERROR: column \" pod\" of relation \" pmn_static_receivers\" does not exist Position: 108" }}</td> </tr> <tr> <td>Operation:</td> <td>Create</td> </tr> <tr> <td>Operation Status:</td> <td>Failure</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-17, 10:59:52</td> </tr> <tr> <td>Severity:</td> <td>Error</td> </tr> <tr> <td>Type:</td> <td>SReceiver</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	{ "error": { "code": "ProcessingError", "detail": "An error is encountered during request processing with error Caught exception in create static receiver: <<PMNStaticReceiverController>> error in adding static receiver:com.cisco.dcbu.vinci.pmn.models.StaticReceiver@26b01d5[hostId=1.1.1.1,source=8.8.5.5,multicastIp=233.1.1.1,deviceIp=172.22.31.109,interfaceName=NA,deployStatus=1W1FU-1,vrf=default,pod=Default_LAN,deployedSwitchStatus=<null>,creationTime=<null>,modifiedTime=<null>] with exception:ERROR: column \" pod\" of relation \" pmn_static_receivers\" does not exist Position: 108" }}	Operation:	Create	Operation Status:	Failure	Sent At:	2019-06-17, 10:59:52	Severity:	Error	Type:	SReceiver	User:	admin
Event:	{ "error": { "code": "ProcessingError", "detail": "An error is encountered during request processing with error Caught exception in create static receiver: <<PMNStaticReceiverController>> error in adding static receiver:com.cisco.dcbu.vinci.pmn.models.StaticReceiver@26b01d5[hostId=1.1.1.1,source=8.8.5.5,multicastIp=233.1.1.1,deviceIp=172.22.31.109,interfaceName=NA,deployStatus=1W1FU-1,vrf=default,pod=Default_LAN,deployedSwitchStatus=<null>,creationTime=<null>,modifiedTime=<null>] with exception:ERROR: column \" pod\" of relation \" pmn_static_receivers\" does not exist Position: 108" }}														
Operation:	Create														
Operation Status:	Failure														
Sent At:	2019-06-17, 10:59:52														
Severity:	Error														
Type:	SReceiver														
User:	admin														
Payload	<pre> { "sourceId": "8.8.5.5", "pod": "Default_LAN", "ticket": "1W1FU-1", "multiCastIpAddress": "233.1.1.1", "create": true, "hostId": "1.1.1.1", "vrf": "default", "message": "{ \"error\": { \"code\": \"ProcessingError\", \"detail\": \"An error is encountered during request processing with error Caught exception in create static receiver: <<PMNStaticReceiverController>> error in adding static receiver:com.cisco.dcbu.vinci.pmn.models.StaticReceiver@26b01d5[hostId=1.1.1.1,source=8.8.5.5,multicastIp=233.1.1.1,deviceIp=172.22.31.109,interfaceName=NA,deployStatus=1W1FU-1,vrf=default,pod=Default_LAN,deployedSwitchStatus=<null>,creationTime=<null>,modifiedTime=<null>] with exception:ERROR: column \" pod\" of relation \" pmn_static_receivers\" does not exist Position: 108" } }" </pre>														

```

1,vrf=default,pod=Default_LAN,deployedSwitchStatus=<null>,creationTime=<null>,m
odifiedTime=<null>]
with exception:ERROR: column \\\" pod\\\" of relation \\\" pmn_static_receivers\\\"
does not exist\n Position: 108\n }}",
    "hostInterface" :"" ,
    "failure-reason" : " Caught exception in create static receiver: <<PMNStat-
icReceiverController>> error in adding static receiv-
er:com.cisco.dcbu.vinci.pmn.models.StaticReceiver@26b01d5[hostId=1.1.1.1,source
=8.8.5.5,multicastIp=233.1.1.1,
deviceIp=172.22.31.109,interfaceName=NA,deployStatus=1W1FU-
1,vrf=default,pod=Default_LAN,deployedSwitchStatus=<null>,
creationTime=<null>,modifiedTime=<null>] with exception:ERROR: column
\\\" pod\\\" of relation \\\" pmn_static_receivers\\\"
does not exist\n Position: 108"
}

```

Delete Static Receiver Failure

Exchange	DCNMExchange														
Routing Key	error.com.cisco.dcnm.event.pmn.delete.sreceiver														
Redelivered	●														
Properties	<p>message_id: 9004</p> <p>delivery_mode: 2</p> <p>headers:</p> <table border="0"> <tr> <td>Event:</td> <td>switch Ip address is not known/managed by DCNM</td> </tr> <tr> <td>Operation:</td> <td>Delete</td> </tr> <tr> <td>Operation Status:</td> <td>Failure</td> </tr> <tr> <td>Sent At:</td> <td>2019-06-17, 11:58:09</td> </tr> <tr> <td>Severity:</td> <td>Error</td> </tr> <tr> <td>Type:</td> <td>SReceiver</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> </table> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>	Event:	switch Ip address is not known/managed by DCNM	Operation:	Delete	Operation Status:	Failure	Sent At:	2019-06-17, 11:58:09	Severity:	Error	Type:	SReceiver	User:	admin
Event:	switch Ip address is not known/managed by DCNM														
Operation:	Delete														
Operation Status:	Failure														
Sent At:	2019-06-17, 11:58:09														
Severity:	Error														
Type:	SReceiver														
User:	admin														
Payload	<pre> { "sourceId" : " 8.8.5.5" , "pod" : " Default_LAN" , "ticket" : " 1Yopt1-1" , "multiCastIpAddress" : " 233.2.2.2" , "create" : true, "hostId" : " 1.1.1.1" , "vrf" : " default" , "message" : " switch Ip address is not known/managed by DCNM" , "hostInterface" : "" , "failure-reason" : " switch Ip address is not known/managed by DCNM" } </pre>														

Start DCNM

(no VRF needed):

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.dcnm.server
Redelivered	○
Properties	<pre> message_id: 10000 delivery_mode: 2 headers: Bulk: false Event: DCNM server (172.23.244.98) is Started Operation: DCNM Operation Status: SUCCESS Severity: Information Type: Server User: Unknown content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "date": "Mon Jun 17 15:57:38 PDT 2019", "dcnm-ip": "172.23.244.98", "message": "DCNM server (172.23.244.98) is Started", "status": "Started" } </pre>

Reload Switch

(no VRF needed):

Exchange	DCNMExchange
Routing Key	com.cisco.dcbu.sm.server.model.DCManager
Redelivered	●
Properties	<pre> message_id: 11003 delivery_mode: 2 headers: Bulk: false Event: Device is shutting down: Reset Requested by CLI command reload Operation: undefined Operation Status: SUCCESS Severity: Information Type: LAN_DISCOVERY User: Unknown content_encoding: UTF-8 content_type: application/json </pre>

VRF

```

Payload      {
              "Status": "Failure",
              "Message": "Device is shutting down: Reset Requested by CLI command reload",
              "DBID": 1090,
              "Switch IP": "172.22.31.106",
              "UUID": "DCNM-UUID-1100",
              "Date": "Sat Jun 29 22:04:40 PDT 2019",
              "Fabric ID": 2,
              "Serial Number": "FDO21332CN3"
            }

```

```

Exchange    DCNMExchange
Routing Key  com.cisco.dcbu.sm.server.model.DCManager
Redelivered  0
Properties   message_id:      11013
            delivery_mode:  2
            headers:
              Bulk:          false
              Event:         Link EthIsl-pmn-106-leaf,ethernet1/1(436207616)<->pmn-107-
                             spine,ethernet1/1/1(939524096)[DBID 6480,
                             sw1/p1=1090/1650, sw2/p2=3810/6210, sta-
                             tus=down ] is not present
              Operation:     undefined
              Operation Status: SUCCESS
              Severity:       Information
              Type:           LAN_DISCOVERY
              User:           Unknown
            content_encoding: UTF-8
            content_type:     application/json

```

```

Payload      {
              "Status": "Failure",
              "Switch2 DBID": 3810,
              "Port1 DBID": 1650,
              "Message": "Link EthIsl-pmn-106-leaf,ethernet1/1(436207616)<->pmn-107-
                             spine,ethernet1/1/1(939524096)[DBID 6480, sw1/p1=1090/1650, sw2/p2=3810/6210,
                             status=down ] is not present",
              "Port2 DBID": 6210,
              "Port1 IfIndex": 436207616,
              "Switch1 DBID": 1090,
              "Date": "Sat Jun 29 22:08:03 PDT 2019",
              "Port2 IfIndex": 939524096
            }

```

VRF

```

Exchange      DCNMExchange
Routing Key   com.cisco.dcbu.sm.server.model.DCManager
Redelivered   o
Properties    message_id:      11013
              delivery_mode:  2
              headers:        Bulk:           false
                              Event:          Link EthIsl-pmn-106-
                              leaf,ethernet1/1(436207616)<->pmn-107-
                              spine,ethernet1/1/1(939524096)[DBID 6480,
                              sw1/p1=1090/1650, sw2/p2=3810/6210, sta-
                              tus=up ] is present
                              Operation:      undefined
                              Operation Status: SUCCESS
                              Severity:       Information
                              Type:          LAN_DISCOVERY
                              User:          Unknown
              content_encoding: UTF-8
              content_type:     application/json

Payload       {
              "Status": "Success",
              "Switch2 DBID": 3810,
              "Port1 DBID": 1650,
              "Message": "Link EthIsl-pmn-106-leaf,ethernet1/1(436207616)<->pmn-107-
              spine,ethernet1/1/1(939524096)[DBID 6480, sw1/p1=1090/1650, sw2/p2=3810/6210,
              status=up ] is present",
              "Port2 DBID": 6210,
              "Port1 IfIndex": 436207616,
              "Switch1 DBID": 1090,
              "Date": "Sat Jun 29 22:09:03 PDT 2019",
              "Port2 IfIndex": 939524096
              }
    
```

```

Exchange      DCNMExchange
Routing Key   com.cisco.dcbu.sm.server.model.DCManager
Redelivered   o
Properties    message_id:      11003
              delivery_mode:  2
              headers:        Bulk:           false
                              Event:          Switch status change, old=false:Unreachable,
                              new=true
                              Operation:      undefined
                              Operation Status: SUCCESS
    
```

	Severity: Information
	Type: LAN_DISCOVERY
	User: Unknown
	content_encoding: UTF-8
	content_type: application/json
Payload	<pre>{ "Status": "Success", "Message": "Switch status change, old=false:Unreachable, new=true", "DBID": 1090, "Switch IP": "172.22.31.106", "UUID": "DCNM-UUID-1100", "Date": "Sat Jun 29 22:09:08 PDT 2019", "Fabric ID": 2, "Serial Number": "FDO21332CN3" }</pre>
Exchange	DCNMExchange
Routing Key	com.cisco.dcbu.sm.server.model.DCManager
Redelivered	o
Properties	<pre>message_id: 11016 delivery_mode: 2 headers: Bulk: false Event: Port mgmt0 is UP Operation: undefined Operation Status: SUCCESS Severity: Information Type: LAN_DISCOVERY User: Unknown content_encoding: UTF-8 content_type: application/json</pre>
Payload	<pre>{ "Status": "Success", "Port1 DBID": 1600, "Message": "Port mgmt0 is UP", "Port1 IfIndex": 83886080, "Port1 Name": "mgmt0", "Switch1 DBID": 1090, "Switch IP": "172.22.31.106", "UUID": "DCNM-UUID-1100", "Date": "Sat Jun 29 22:12:51 PDT 2019", "Fabric ID": 2 }</pre>

Exchange	DCNMExchange
Routing Key	com.cisco.dcbu.sm.server.model.DCManager
Redelivered	o
Properties	<pre> message_id: 11003 delivery_mode: 2 headers: Bulk: false Event: Switch pmn-106-leaf is ready Operation: undefined Operation Status: SUCCESS Severity: Information Type: LAN_DISCOVERY User: Unknown content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "Status": "Success", "Message": "Switch pmn-106-leaf is ready", "DBID": "1090", "Switch IP": "172.22.31.106", "UUID": "DCNM-UUID-1100", "Date": "Sat Jun 29 22:12:51 PDT 2019", "Fabric ID": "2", "Serial Number": "FDO21332CN3" } </pre>

Exchange	DCNMExchange
Routing Key	com.cisco.dcbu.sm.server.model.DCManager
Redelivered	o
Properties	<pre> message_id: 11016 delivery_mode: 2 headers: Bulk: false Event: Port Ethernet1/1 is UP Operation: undefined Operation Status: SUCCESS Severity: Information Type: LAN_DISCOVERY User: Unknown content_encoding: UTF-8 content_type: application/json </pre>

VRF

Payload	<pre>{ "Status": "Success", "Port1 DBID": 1650, "Message": "Port Ethernet1/1 is UP", "Port1 IfIndex": 436207616, "Port1 Name": "Ethernet1/1", "Switch1 DBID": 1090, "Switch IP": "172.22.31.106", "UUID": "DCNM-UUID-1100", "Date": "Sat Jun 29 22:12:53 PDT 2019", "Fabric ID": 2 }</pre>
Exchange	DCNMExchange
Routing Key	com.cisco.dcbu.sm.server.model.DCManager
Redelivered	o
Properties	<pre>message_id: 11016 delivery_mode: 2 headers: Bulk: false Event: Port Ethernet1/47 is UP Operation: undefined Operation Status: SUCCESS Severity: Information Type: LAN_DISCOVERY User: Unknown content_encoding: UTF-8 content_type: application/json</pre>
Payload	<pre>{ "Status": "Success", "Port1 DBID": 1410, "Message": "Port Ethernet1/47 is UP", "Port1 IfIndex": 436231168, "Port1 Name": "Ethernet1/47", "Switch1 DBID": 1090, "Switch IP": "172.22.31.106", "UUID": "DCNM-UUID-1100", "Date": "Sat Jun 29 22:12:53 PDT 2019", "Fabric ID": 2 }</pre>

General Notifications

Switch Reload Notifications

If this switch is in VPC, its role and peer information will be part of the payload

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.switchreload.switch
Redelivered	o
Properties	<pre> message_id: 6001 delivery_mode: 2 headers: Type: Switch User: admin Operation Success Status: Event: Switch:172.23.244.113 recovered from reloading and is up now Severity: Information Operation: SwitchReload Bulk: false content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "switch-ip": "172.23.244.113" "link" : "https://172.23.244.179/rest/pmn/switch/172.23.244.113", "message" : "Switch:172.23.244.113 recovered from reload and is up now" } </pre>

DCNM Start Notifications

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.dcnm.server
Redelivered	o
Properties	<pre> message_id: 10000 delivery_mode: 2 headers: Type: Server User: Unknown Operation Status: Success Event: DCNM server (172.23.244.201) is Started Severity: Information Operation: DCNM Bulk: false </pre>

Payload	<pre> content_encoding: UTF-8 content_type: application/json { " dcnm-ip" : " 172.23.244.201" , " status" : " Started" , " message" : " DCNM server (172.23.244.201) is Started" , " date" : " Thu Jul 27 19:41:37 PDT 2017" } </pre>
---------	---

Deploy Unicast Bandwidth

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.unicast_bw
Redelivered	o
Properties	<pre> message_id: 8000 delivery_mode: 2 headers: Type: unicast_bw User: Internal Operation Success Status: Event: unicast_bw [unicast_bw] Deployment on switch: 172.22.31.106 Severity: Information Operation: Deploy content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { " Deployed data" : " [unicast_bw]" , " deployment type" : " unicast_bw" , " switch-ip" : " 172.22.31.106" } </pre>

Deploy ASM

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.asm
Redelivered	o
Properties	<pre> message_id: 8001 delivery_mode: 2 headers: Type: asm </pre>

General Notifications

	User:	Internal
	Operation:	Success
	Status:	
	Event:	asm [nbmGroupRangeDom] Deployment on switch: 172.22.31.106
	Severity:	Information
	Operation:	Deploy
	content_encoding:	UTF-8
	content_type:	application/json
Payload	{	
		"Deployed data" : "[nbmGroupRangeDom]" ,
		"deployment type" : "asm" ,
		"switch-ip" : "172.22.31.106"
	}	

Deploy WAN Links

Exchange	DCNMExchange																								
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.wan_links																								
Redelivered	o																								
Properties	<table border="0"> <tr> <td>message_id:</td> <td>8002</td> </tr> <tr> <td>delivery_mode:</td> <td>2</td> </tr> <tr> <td>headers:</td> <td> <table border="0"> <tr> <td>Type:</td> <td>wan_links</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> <tr> <td>Operation:</td> <td>Success</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Event:</td> <td>wan_links [wan_links] Deployment on switch: 172.22.31.106</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> </table> </td> </tr> <tr> <td>content_encoding:</td> <td>UTF-8</td> </tr> <tr> <td>content_type:</td> <td>application/json</td> </tr> </table>	message_id:	8002	delivery_mode:	2	headers:	<table border="0"> <tr> <td>Type:</td> <td>wan_links</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> <tr> <td>Operation:</td> <td>Success</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Event:</td> <td>wan_links [wan_links] Deployment on switch: 172.22.31.106</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> </table>	Type:	wan_links	User:	admin	Operation:	Success	Status:		Event:	wan_links [wan_links] Deployment on switch: 172.22.31.106	Severity:	Information	Operation:	Deploy	content_encoding:	UTF-8	content_type:	application/json
message_id:	8002																								
delivery_mode:	2																								
headers:	<table border="0"> <tr> <td>Type:</td> <td>wan_links</td> </tr> <tr> <td>User:</td> <td>admin</td> </tr> <tr> <td>Operation:</td> <td>Success</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Event:</td> <td>wan_links [wan_links] Deployment on switch: 172.22.31.106</td> </tr> <tr> <td>Severity:</td> <td>Information</td> </tr> <tr> <td>Operation:</td> <td>Deploy</td> </tr> </table>	Type:	wan_links	User:	admin	Operation:	Success	Status:		Event:	wan_links [wan_links] Deployment on switch: 172.22.31.106	Severity:	Information	Operation:	Deploy										
Type:	wan_links																								
User:	admin																								
Operation:	Success																								
Status:																									
Event:	wan_links [wan_links] Deployment on switch: 172.22.31.106																								
Severity:	Information																								
Operation:	Deploy																								
content_encoding:	UTF-8																								
content_type:	application/json																								
Payload	<table border="0"> <tr> <td>{</td> <td></td> </tr> <tr> <td></td> <td>"Deployed data" : "[wan_links]" ,</td> </tr> <tr> <td></td> <td>"deployment type" : "wan_links" ,</td> </tr> <tr> <td></td> <td>"switch-ip" : "172.22.31.106"</td> </tr> <tr> <td>}</td> <td></td> </tr> </table>	{			"Deployed data" : "[wan_links]" ,		"deployment type" : "wan_links" ,		"switch-ip" : "172.22.31.106"	}															
{																									
	"Deployed data" : "[wan_links]" ,																								
	"deployment type" : "wan_links" ,																								
	"switch-ip" : "172.22.31.106"																								
}																									

Deploy CDP

Exchange	DCNMExchange
Routing Key	information.com.cisco.dcnm.event.pmn.deploy.cdadminstate
Redelivered	o

Static Receivers

Properties	<p>message_id: 8003</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Type: CdpAdminState User: Internal Operation: Success Status: Event: CdpAdminState [adminState:disabled] Deployment on switch: 172.22.31.106 Severity: Information Operation: Deploy <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "Deployed data" : "[adminState:disabled]", "deployment type" : "CdpAdminState", "switch-ip" : "172.22.31.106" }</pre>

Static Receivers

Exchange	DCNMExchange
Routing Key	Information.com.cisco.dcnm.event.pmnm.create.sreceiver
Redelivered	o
Properties	<p>message_id: 9001</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Event: Success in accepting static receiver creation with switchIp: <IP Address> Operation: Create Operation: Success Status: Sent At: 2018-12-11,22:54:41 Severity: Information Type: SReceiver User: Admin
Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmnm.create.sreceiver
Redelivered	o
Properties	<p>message_id: 9002</p> <p>delivery_mode: 2</p>

Static Receivers

	headers:	Event:	<error message>
		Operation	Create
		Operation Status:	Failure
		Sent At	2018-12-11,22:54:41
		Severity:	Error
		Type	SReceiver
		User	admin
Exchange	DCNMExchange		
Routing Key	Information.com.cisco.dcnm.event.pmn.delete.sreceiver		
Redelivered	o		
Properties	message_id:	9003	
	delivery_mode:	2	
	headers:	Event:	Success in accepting static receiver deletion request with switchIp: <IP Address>
		Operation	Delete
		Operation Status:	Success
		Sent At	2018-12-11,22:54:41
		Severity	Information
		Type	SReceiver
		User:	admin
Exchange	DCNMExchange		
Routing Key	error.com.cisco.dcnm.event.pmn.delete.sreceiver		
Redelivered	o		
Properties	message_id:	9004	
	delivery_mode:	2	
	headers:	Event:	<error message>
		Operation	Delete
		Operation Status:	Failure
		Sent At	2018-12-11,22:54:41
		Severity	Error
		Type	SReceiver
		User	admin
Exchange	DCNMExchange		
Routing Key	Information.com.cisco.dcnm.event.pmn.bulk.sreceiver		

Static Receivers

Redelivered	○
Properties	<p>message_id: 9005</p> <p>delivery_mode: 2</p> <p>headers: Event: Success in accepting bulk static receiver request with switchip: <IP Address></p> <p> Operation: Bulk</p> <p> Operation Success</p> <p> Status:</p> <p> Sent At: 2018-12-11,22:54:41</p> <p> Severity: Information</p> <p> Type: SReceiver</p> <p> User admin</p>
Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.bulk.sreceiver
Redelivered	○
Properties	<p>message_id: 9006</p> <p>delivery_mode: 2</p> <p>headers: Event: <error message></p> <p> Operation: Bulk</p> <p> Operation Status: Failure</p> <p> Sent At: 2018-12-11,22:54:41</p> <p> Severity: Error</p> <p> Type: SReceiver</p> <p> User admin</p>
Exchange	DCNMExchange
Routing Key	Information.com.cisco.dcnm.event.pmn.deploy.sreceiver
Redelivered	○
Properties	<p>message_id: 9007</p> <p>delivery_mode: 2</p> <p>headers: Event: Success in static receiver {Create, Delete, Bulk} operation for switch: <IP Address></p> <p> Operation: Either Create, Delete, Bulk</p> <p> Operation Success</p> <p> Status:</p> <p> Sent At: 2018-12-11,22:54:41</p> <p> Severity: Information</p> <p> Type: SReceiver</p>

Static Receivers

	User	admin
Exchange	DCNMExchange	
Routing Key	error.com.cisco.dcnm.event.pmn.deploy.sreceiver	
Redelivered	0	
Properties	<p>message_id: 9008</p> <p>delivery_mode: 2</p> <p>headers:</p> <ul style="list-style-type: none"> Event: Fail in static receiver {Create, Delete, Bulk} operation for switch: <IP Address>, failed-reason: <failure-reason> Operation: Either Create, Delete, Bulk Operation Status: Failure Sent At: 2018-12-11,22:54:41 Severity: Error Type: SReceiver User: admin 	

Link Bandwidth

For 60% bandwidth usage on an ingress link, an AMQP notification is sent.

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.realtime.switch
Redelivered	o
Properties	<p>message_id: 21005</p> <p>delivery_mode: 2</p> <p>headers: Event: Fabric: Default_LAN Switch: Fretta2 Fault: sys/nbm/show/notify/dom-default/event-[INTF:eth1/35/1-INGRESS] created</p> <p>Operation: Real Time Notification</p> <p>Operation: Failure</p> <p>Status:</p> <p>Sent At: 2020-06-08, 21:52:07 PDT</p> <p>Severity: Error</p> <p>Type: Switch</p> <p>User: Internal</p> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "identifier": "INTF:eth1/35/1-INGRESS", "reason": "WARNING: INGRESS bw usage is at or above 60%", "Switch": "Fretta2", "dn": "sys/nbm/show/notify/dom-default/event-[INTF:eth1/35/1-INGRESS]", "TimestampReceived": 1591678327803, "Timestamp": 1591678653744, "Fabric": "Default_LAN", "status": "created" }</pre>

For 60% bandwidth usage on an egress Link, an AMQP notification is sent.

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.realtime.switch
Redelivered	o
Properties	<p>message_id: 21005</p> <p>delivery_mode: 2</p> <p>headers: Event: Fabric: Default_LAN Switch: Fretta2 Fault: sys/nbm/show/notify/dom-default/event-[INTF:eth1/13/1-EGRESS] created</p> <p>Operation: Real Time Notification</p>

Link Bandwidth

	<p>Operation: Failure</p> <p>Status:</p> <p>Sent At: 2020-06-08, 21:52:07 PDT</p> <p>Severity: Error</p> <p>Type: Switch</p> <p>User: Internal</p> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "identifier": "INTF:eth1/13/1-EGRESS", "reason": "WARNING: EGRESS bw usage is at or above 60%", "Switch": "Fretta2", "dn": "sys/nbm/show/notify/dom-default/event-[INTF:eth1/13/1-EGRESS]", "TimestampReceived": 1591678327724, "Timestamp": 1591678653740, "Fabric": "Default_LAN", "status": "created" }</pre>

For 75% bandwidth usage on an ingress Link, an AMQP notification is sent.

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.realtime.switch
Redelivered	0
Properties	<p>message_id: 21005</p> <p>delivery_mode: 2</p> <p>headers:</p> <p>Event: Fabric: Default_LAN Switch: Fretta2 Fault: sys/nbm/show/notify/dom-default/event-[INTF:eth1/35/1-INGRESS] created</p> <p>Operation: Real Time Notification</p> <p>Operation: Failure</p> <p>Status:</p> <p>Sent At: 2020-06-08, 22:00:24 PDT</p> <p>Severity: Error</p> <p>Type: Switch</p> <p>User: Internal</p> <p>content_encoding: UTF-8</p> <p>content_type: application/json</p>
Payload	<pre>{ "identifier": "INTF:eth1/35/1-INGRESS", "reason": "SEVERE: INGRESS bw usage is at or above 75%", "Switch": "Fretta2", "dn": "sys/nbm/show/notify/dom-default/event-[INTF:eth1/35/1-INGRESS]", "TimestampReceived": 1591678824551, "Timestamp": 1591679150468, "Fabric": "Default_LAN", }</pre>

Link Bandwidth

```

        "status" : "created"
    }

```

For 75% bandwidth usage on an egress Link, an AMQP notification is sent.

Exchange	DCNMExchange																		
Routing Key	error.com.cisco.dcnm.event.pmn.realtime.switch																		
Redelivered	o																		
Properties	message_id: 21005 delivery_mode: 2 headers: <table border="0" style="margin-left: 20px;"> <tr> <td>Event:</td> <td>Fabric: Default_LAN Switch: Fretta2 Fault:</td> </tr> <tr> <td></td> <td>sys/nbm/show/notify/dom-default/event-[INTF:eth1/13/1-EGRESS] created</td> </tr> <tr> <td>Operation:</td> <td>Real Time Notification</td> </tr> <tr> <td>Operation</td> <td>Failure</td> </tr> <tr> <td>Status:</td> <td></td> </tr> <tr> <td>Sent At:</td> <td>2020-06-08, 22:00:24 PDT</td> </tr> <tr> <td>Severity:</td> <td>Error</td> </tr> <tr> <td>Type:</td> <td>Switch</td> </tr> <tr> <td>User:</td> <td>Internal</td> </tr> </table> content_encoding: UTF-8 content_type: application/json	Event:	Fabric: Default_LAN Switch: Fretta2 Fault:		sys/nbm/show/notify/dom-default/event-[INTF:eth1/13/1-EGRESS] created	Operation:	Real Time Notification	Operation	Failure	Status:		Sent At:	2020-06-08, 22:00:24 PDT	Severity:	Error	Type:	Switch	User:	Internal
Event:	Fabric: Default_LAN Switch: Fretta2 Fault:																		
	sys/nbm/show/notify/dom-default/event-[INTF:eth1/13/1-EGRESS] created																		
Operation:	Real Time Notification																		
Operation	Failure																		
Status:																			
Sent At:	2020-06-08, 22:00:24 PDT																		
Severity:	Error																		
Type:	Switch																		
User:	Internal																		
Payload	<pre> { "identifier" : " INTF:eth1/13/1-EGRESS" , "reason" : " SEVERE: EGRESS bw usage is at or above 75%" , "Switch" : " Fretta2" , " dn" : " sys/nbm/show/notify/dom-default/event-[INTF:eth1/13/1-EGRESS]" , "TimestampReceived" : 1591678824516, "Timestamp" : 1591679150463, "Fabric" : " Default_LAN" , "status" : " created" } </pre>																		

For 90% bandwidth usage on an ingress Link, an AMQP notification is sent.

Exchange	DCNMExchange				
Routing Key	error.com.cisco.dcnm.event.pmn.realtime.switch				
Redelivered	o				
Properties	message_id: 21005 delivery_mode: 2 headers: <table border="0" style="margin-left: 20px;"> <tr> <td>Event:</td> <td>Fabric: Default_LAN Switch: Fretta2 Fault:</td> </tr> <tr> <td></td> <td>sys/nbm/show/notify/dom-default/event-[INTF:eth1/35/1-INGRESS] created</td> </tr> </table>	Event:	Fabric: Default_LAN Switch: Fretta2 Fault:		sys/nbm/show/notify/dom-default/event-[INTF:eth1/35/1-INGRESS] created
Event:	Fabric: Default_LAN Switch: Fretta2 Fault:				
	sys/nbm/show/notify/dom-default/event-[INTF:eth1/35/1-INGRESS] created				

Link Bandwidth

```

Operation: Real Time Notification
Operation Failure
Status:
Sent At: 2020-06-08, 22:00:41 PDT
Severity: Error
Type: Switch
User: Internal
content_encoding: UTF-8
content_type: application/json
Payload {
  "identifier": "INTF:eth1/35/1-INGRESS",
  "reason": "CRITICAL: INGRESS bw usage is at or above 90%",
  "Switch": "Fretta2", "dn": "sys/nbm/show/notify/dom-default/event-
[INTF:eth1/35/1-INGRESS]",
  "TimestampReceived": 1591678841912,
  "Timestamp": 1591679167801,
  "Fabric": "Default_LAN",
  "status": "created"
}

```

For 90% bandwidth usage on an egress Link, an AMQP notification is sent.

```

Exchange      DCNMExchange
Routing Key   error.com.cisco.dcnm.event.pmn.realtime.switch
Redelivered   0
Properties    message_id:      21005
              delivery_mode:  2
              headers:      Event:      Fabric: Default_LAN Switch: Fretta2 Fault:
                          sys/nbm/show/notify/dom-default/event-[INTF:eth1/13/1-
                          EGRESS] created
                          Operation:  Real Time Notification
                          Operation  Failure
                          Status:
                          Sent At:   2020-06-08, 22:00:41 PDT
                          Severity:  Error
                          Type:      Switch
                          User:      Internal
              content_encoding: UTF-8
              content_type:   application/json
Payload       {
  "identifier": "INTF:eth1/13/1-EGRESS",
  "reason": "CRITICAL: EGRESS bw usage is at or above 90%",
  "Switch": "Fretta2",
  "dn": "sys/nbm/show/notify/dom-default/event-[INTF:eth1/13/1-EGRESS]",
  "TimestampReceived": 1591678841773,
  "Timestamp": 1591679167793,
}

```

Flow Bandwidth

```

    "Fabric" : "Default_LAN" ,
    "status" : "created"
}

```

Flow Bandwidth

For rate below 60%, an AMQP notification is sent.

Exchange	DCNMExchange
Routing Key	error.com.cisco.dcnm.event.pmn.realtime.switch
Redelivered	o
Properties	<pre> message_id: 21005 delivery_mode: 2 headers: Event: Fabric: Default_LAN Switch: Fretta1 Fault: sys/nbm/show/notify/dom-default/event-[BW:s- 129.1.1.2-g-227.1.1.2] created Operation: Real Time Notification Operation Failure Status: Sent At: 2020-06-10, 14:10:01 PDT Severity: Error Type: Switch User: Internal content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "identifier" : " BW:s-129.1.1.2-g-227.1.1.2" , "reason" : " Rate below 60%" , "Switch" : " Fretta1" , "dn" : " sys/nbm/show/notify/dom-default/event-[BW:s-129.1.1.2-g- 227.1.1.2]" , "TimestampReceived" :1591823401202, "Timestamp" :1591823728758, "Fabric": "Default_LAN", "status" : "created" } </pre>

For rate above 100%, an AMQP notification is sent.

Exchange	DCNMExchange
----------	--------------

Routing Key	error.com.cisco.dcnm.event.pmn.realtime.switch
Redelivered	•
Properties	<pre> message_id: 21005 delivery_mode: 2 headers: Event: Fabric: Default_LAN Switch: Fretta1 Fault: sys/nbm/show/notify/dom-default/event-[BW:s- 129.1.1.2-g-227.1.1.4] created Operation: Real Time Notification Operation Failure Status: Sent At: 2020-06-09, 19:11:41 PDT Severity: Error Type: Switch User: Internal content_encoding: UTF-8 content_type: application/json </pre>
Payload	<pre> { "identifier": "BW:s-129.1.1.2-g-227.1.1.4", "reason": "Rate over 100%", "Switch": "Fretta1", "dn": "sys/nbm/show/notify/dom-default/event-[BW:s-129.1.1.2-g- 227.1.1.4]", "TimestampReceived": 1591755101289, "Timestamp": 1591755428229, "Fabric": "Default_LAN", "status": "created" } </pre>

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see [What's New in Cisco Product Documentation](#).

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