VLAN and interface VLAN related APIs

Table 1: VLAN and interface VLAN related APIs

Action	Method	Payload Required	API
To create VLAN	POST	Yes	/api/running/switch
To delete VLAN	DELETE	No	/api/running/switch/vlan/90
To create interface VLAN	POST	Yes	/api/running/switch/interface
To display the VLAN configuration	GET	No	/api/running/switch/vlan?deep
To displace all the interface VLAN configurations	GET	No	/api/running/switch/interface/vlan?deep
To display a specific interface VLAN configuration	GET	No	/api/running/switch/interface/vlan/90
To delete the VLAN interface	DELETE	No	/api/running/switch/interface/vlan/90
To configure an IP address for a VLAN interface	PATCH	Yes	/api/running/switch/interface/vlan
To delete an IP address for a VLAN interface	DELETE	No	/api/running/switch/ip/route/route-forward-ip[222.252.252.252,255.255.255.255]/next-hop[next-hop-address='1.1.1.1']
To show the IP interface	GET	No	/api/operational/switch/ip/interface
To delete remote SPAN setting for VLAN	DELETE	No	/api/running/switch/interface/vlan/20/remote-span

Example for VLAN and interface VLAN related APIs Payload

```
<vlan><vlan-id>90</vlan-id></vlan>
```

Example for VLAN and interface VLAN related APIs Payload

```
<vlan><vlan-id>90</vlan-id><ip><address><primary><address>13.13.13.13</address><mask>255.255.255.0</mask></primary></address></ip></vlan>
```

Example for VLAN and interface VLAN related APIs Payload

```
<vlan><vlan-id>20</vlan-id><remote-span/></vlan>
```

Example: POST VLAN and interface VLAN related APIs

```
curl -k -u admin:admin -d "<vlan><vlan-id>90</vlan-id></vlan>" -X POST
https://209.165.201.1/api/running/switch -H "Content-Type: application/vnd.yang.data+xml"
```

Example: DELETE VLAN and interface VLAN related APIs

```
curl -k -u admin:admin -X DELETE https://209.165.201.1/api/running/switch/vlan/90
```

Example: POST VLAN and interface VLAN related APIs

```
curl -k -u admin:admin -d "<vlan><vlan-id>90</vlan-id></vlan>" -X POST
https://209.165.201.1/api/running/switch/interface -H "Content-Type:
application/vnd.yang.data+xml"
```

Example: GET VLAN and interface VLAN related APIs

```
curl -k -u admin:admin -X GET https://209.165.201.1/api/running/switch/vlan?deep
```

Example: GET VLAN and interface VLAN related APIs

```
curl -k -u admin:admin -X GET https://209.165.201.1/api/running/switch/interface/vlan?deep
```

Example: GET VLAN and interface VLAN related APIs

```
curl -k -u admin:admin -X GET https://209.165.201.1/api/running/switch/interface/vlan/90
```

Example: DELETE VLAN and interface VLAN related APIs

```
curl -k -u admin:admin -X DELETE https://209.165.201.1/api/running/switch/interface/vlan/90
```

Example: PATCH VLAN and interface VLAN related APIs

```
curl -k -v -u admin:admin  -d
"<vlan><vlan-id>90</vlan-id><ip><address><primary><address>13.13.13.13</address><mask>255.255.255.0</mask></primary></address></ip></vlan>"
 -X PATCH https://209.165.201.1/api/running/switch/interface/vlan -H "Content-Type:
application/vnd.yang.data+xml"
```

Example: DELETE VLAN and interface VLAN related APIs

```
curl -k -u admin:admin -X DELETE
https://209.165.201.1/api/running/switch/ip/route/ip-route-forwarding-list/2.2.2.2,255.255.255.255,5.5.5.1
```

Example: GET VLAN and interface VLAN related APIs

```
curl -k -u admin:admin -X GET https://209.165.201.1/api/operational/switch/ip/interface
```

Example: PATCH VLAN and interface VLAN related APIs

```
curl -k -v -u admin:admin -d "<vlan><vlan-id>20</vlan-id><remote-span/></vlan>" -X PATCH
https://209.165.201.1/api/running/switch/interface/vlan -H "Content-Type:
application/vnd.yang.data+xml"
```

Example: DELETE VLAN and interface VLAN related APIs

```
curl -k -v -u admin:admin  -X  DELETE
https://209.165.201.1/api/running/switch/interface/vlan/20/remote-span -H "Content-Type:
application/vnd.yang.data+xml"
```