

## Static Flow Stitching

The following are the Static Flow Stitching REST APIs:

- [Add/Join Receiver for a Flow, page -243](#)
- [Delete/Leave Receiver for a Flow, page -244](#)

### Status

The following table details the API Response code, status and, the HTTPS methods.

Status Code	Status	API's HTTPS Method or HTTPS Method
200	OK	GET
202	Accepted	POST PUT DELETE
400	Bad Request	GET POST PUT DELETE
401	Unauthorized	GET POST PUT DELETE
403	Forbidden	GET POST PUT DELETE
404	Not Found	GET POST PUT DELETE

Status Code	Status	API's HTTPS Method or HTTPS Method
405	Method Not Allowed	GET POST PUT DELETE
500	Internal Server Error	GET POST PUT DELETE

## Add/Join Receiver for a Flow

**Resource Name** /rest/pmn/switches/<switchIp>

**Description** Add/Join a receiver flow, from a switch that the receiver host is connected to.

**https Method** POST

**URL** https://<dcnm-ip-address>/rest/pmn/switches/<switchIp>

### Parameter

Parameter	Type	Description
switchIp	String	Mandatory IPAddress of the switch where the host is connected to.
hostId	String	Mandatory IPAddress of the host that intends to join this flow.
hostInterface	String	Mandatory Host interface that the host is connected to the switch by.eg: Ethernet1/50 or Vlan50
multiCastIpAddress	String	Mandatory MulticastIp address of the flow that the host intends to join.
sender	String	Mandatory Boolean value, "true" if this is host is sender of a flow and for Receiver of a flow this value is "False"
seqNum	String	Optional numerical value that can be used to trace flow stitching on switch.

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
Access denied		DCNM session is invalid, need to get new session token.
String value		String value indicating Success/Failure of the new flow being stitched.

## Delete/Leave Receiver for a Flow

**Resource Name** /rest/pmn/switches/<switchIp>

**Description** Delete/Leave a receiver flow, from a switch that the receiver host is connected to.

**https Method** DELETE

**URL** https://<dcnm-ip-address>/rest/pmn/switches/<switchIp>

### Parameter

Parameter	Type	Description
switchIp	String	Mandatory IPAddress of the switch where the host is connected to.
hostId	String	Mandatory IPAddress of the host that intends to join this flow.
hostInterface	String	Mandatory Host interface that the host is connected to the switch by.eg: Ethernet1/50 or Vlan50
multiCastIpAddress	String	Mandatory MulticastIp address of the flow that the host intends to join.
sender	String	Mandatory Boolean value,"true" if this is host is sender of a flow and for Receiver of a fow this value is "False"
seqNum	String	Optional numerical value that can be used to trace flow stitching on switch.

**Return Value** Format: JSON

Type: Long

Attribute Name	Type	Description
Access denied		DCNM session is invalid, need to get new session token.
String value		String value indicating Success/Failure of the new flow being deleted.