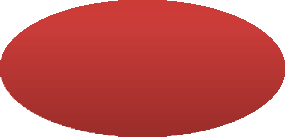
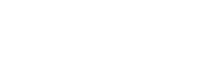
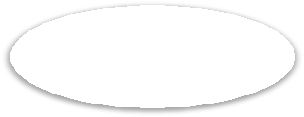
###### 5.1.2 Flow points and forwarding domains

Create a forwarding domain

***Objective:***

Objective is to verify creation of a forwarding domain

In this section, following the steps will configure the parts of the picture highlighted in red.



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Classifier Untagged  Flow Point FP1 | | Single Tagged Classifier VLAN 100  Forwarding Domain FD1 | Double Tagged Classifier VLAN 101-102  Flow Point FP2 | |
|  | Port 1 |  | Port 2 |  |

***Procedure:***

* Go to the configuration terminal
  + config
* Enter the following command

fds fd FD1 mode vpls exit

exit

* Go back out of configuration terminal

# exit

* Check if the flow domain is created:
  + show forwarding-domains
  + show forwarding-domains forwarding-domain FD1

You should see an output like the following:

show forwarding-domains

+---- Forwarding Domain +

| Name | Mode | Vlan Id |

+ + + +

| remote-fd | vpls | |

| FD1 | vpls | |

+ + + +

show forwarding-domains forwarding-domain FD1

+ Forwarding Domain +

| KEY | VALUE |

+ + +

| Name | FD1 |

| Mode | vpls |

+ + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments

Delete a forwarding domain

***Objective:***

Objective is to verify creation of a forwarding domain

***Procedure:***

* Go to the configuration terminal
  + config
* Enter the following command

# no fds fd FD1

* Go back out of configuration terminal

# exit

* Check if the flow domain is deleted:
  + show forwarding-domains

The deletion goes through if there is no flow point associated with the forwarding domain. Otherwise, it would fail.

+---- Forwarding Domain +

| Name | Mode | Vlan Id |

+ + + +

| remote-fd | vpls | |

+ + + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments

Create a flow point

***Objective:***

Objective is to verify creation of a flow point and its addition to a forwarding domain

In this section, following the steps will configure the parts of the picture highlighted in red.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Classifier  Untagged  Flow Point FP1 | | Single Tagged Classifier  VLAN 100  Forwarding Domain FD1 | Double Tagged Classifier  VLAN 101-102  Flow Point FP2 | |
|  | Port 1 |  | Port 2 |  |

***Procedure:***

* Go to the configuration terminal
  + config
* Enter the following commands

fps fp FP1 logical-port **1** fd-name **FD1**

classifier-list **VLAN100** stats-collection on exit

exit

* Go back out of configuration terminal

# exit

* Check if the flow point is created:
  + show flow-point FP1

You should see an output like the following:

+ Flow Point +

| KEY | VALUE |

+ + +

| Name | FP1 |

| Forwarding Domain Name | FD1 |

| Logical Port | 41 |

| Statistics Collection | on |

| MTU Size | 2000 |

| Classifier List | |

| | VLAN100 |

+ + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments

Delete a flow point

***Objective:***

Objective is to verify deletion of a flow point

***Procedure:***

* Go to the configuration terminal
  + config
* Enter the following command

no fp fps FP1

* Go back out of configuration terminal

# exit

* Check if the flow point is deleted:
  + show flow-points flow-point FP1

You should see an output like the following:

+- Flow Point +

| KEY | VALUE |

+ + +

| | |

+ + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments