StratusEdge Tapping
Configuration and Installation

v 1.0

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1. Installation of a tap/mirror into the Nubeva StratusEdge node is also done with RESTapi calls to the controller, just like the SE setup. As before, you can use any orchestration platform or simply python. For demonstration purposes, Postman will be used as the configuration front end. All settings for the tap/mirror are contained in the JSON configuration file.

2. Before installing the tap on a StratusEdge, lets review the JSON configuration file.

```
{
    "config": {
        "interface": "trusted",
        "key": "1234",
        "target": "10.10.100.10"
    },
    "enabled": true,
    "name": "tapvxlan_1234"
}
```

3. The "name" can be any value. However, it must be unique compared to other taps in the same StratusEdge.

4. The "key" is the VXLAN VNI. It also must be unique compared to other taps in the same StratusEdge.

5. The "target" is the IP address of the device that will be receiving the tap output. Remember, all traffic will be sourced on the "outside" interface. In this example, the "target" is the bastion host.

1. First, the JSON configuration file for the deployment needs to be created. The default POC configuration is located here.

2. Now, paste the JSON configuration into the body of the "Create Tap" restAPI call that is part of the Nubeva collection. Then click send.
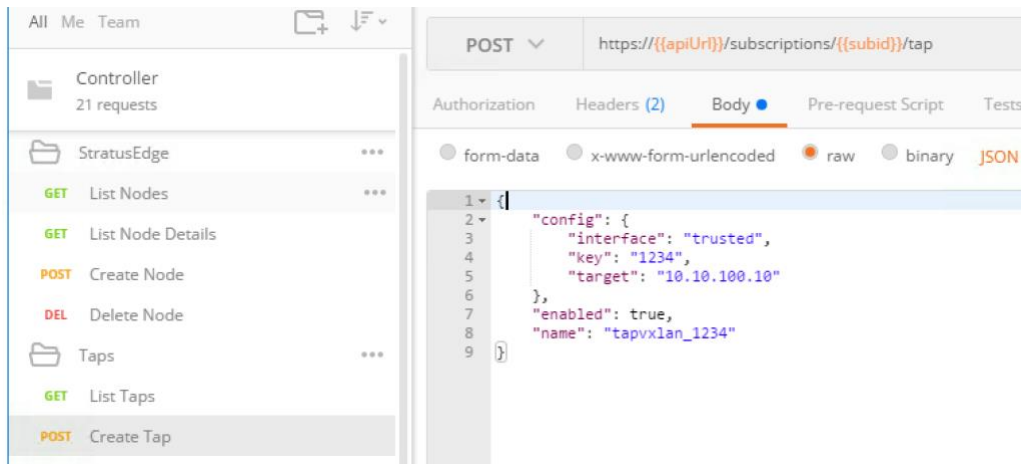
3. The output of the command should read "status": "OK" on line 2 and result "result": "success" on line 3. This means the tap is active and sending traffic to the endpoint.

4. To see the status of the tap, simply click on the "Get StratusEdges". Examine the output around line 50. Now there will be a tap that has been installed with the specified target and the VXLAN VNI defined.