## QOS管理

### 基于QoS的域内eline创建1

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| **\*测试ID** | SPTN\_VPWS\_management\_1\_1 | |
| **\*测试项目** | 基于QoS的域内eline创建1 | |
| **\*测试目的** | 验证基于单个vlan的带QoS的域内eline是否创建成功 | |
| **\*需求ID** | DR.D-C.026、DR.D-C.035 | |
| **\*测试拓扑** | 组网一 | |
| **\*测试内容** | | **\*预期结果** |
| 1、 四台设备按上图连接测试拓扑 | | 连接成功 |
| 2、 创建双向无保护域内tunnel | | 创建成功 |
| 3、 创建基于单个vlan的带QoS的双向无保护域内eline业务 | | a．当配置的tunnel-id不存在时，创建失败  b．当vlan id为非1-4094之间的值时，创建失败  c. 当cir、pir 配置大于端口实际带宽时，创建失败 |
| 4、 北向查看创建的eline | | 通过北向获取到的信息与配置信息相同 |
| 5、 web界面服务页查看创建的eline | | 服务页显示的信息与配置信息相同 |
| 6、 web界面拓扑页查看创建业务 | | 将鼠标移动到创建的eline上，弹出的窗口显示的信息与配置信息相同 |
| 7、 北向删除eline，相同配置二次下发 | | 北向删除eline成功，且相同配置二次下发成功 |
| **\*北向接口** | 创建tunnel：\*/restconf/operations/sptn-service-tunnel:create-tunnel  创建eline：\*/restconf/operations/sptn-service-eline:create-snc-eline  北向查看eline：  \*/restconf/operational/sptn-service-eline:service/snc-elines  北向删除eline：\*/restconf/operations/sptn-service-eline:delete-snc-eline | |
| **\*配置样例** | {  "input": {  "snc-eline": {  "id": "663",  "name": "zzj663",  "user-label": "zzj-663",  "admin-status": "admin-up",  "operate-status": "operate-up",  "ingress-end-points": {  "ingress-end-point": [  {  "id": "openflow:7",  "ne-id": "openflow:7",  "ltp-id": "openflow:7:3",  "access-type": "Dot1Q",  "dot1q-vlan-bitmap": "693",  "role": "master",  "access-action": "Keep"  }  ]  },  "egress-end-points": {  "egress-end-point": [  {  "id": "openflow:8",  "ne-id": "openflow:8",  "ltp-id": "openflow:8:3",  "access-type": "Dot1Q",  "dot1q-vlan-bitmap": "693",  "role": "master",  "access-action": "Keep"  }  ]  },  "snc-pws": {  "snc-pw": [  {  "id": "673",  "name": "pw673",  "user-label": "pw-673",，  "role": "master",  "ingress-ne-id": "openflow:7",  "egress-ne-id": "openflow:8",  "source-ip": "20.0.0.7",  "destination-ip": "20.0.0.8",  "tunnel-ids": {  "tunnel-id": [  {  "tunnel-id": "617"  }  ]  },  "admin-status": "admin-up",  "operate-status": "operate-up",  "qos": {  "belonged-id": "673",  "a2z-cir": "260000",  "z2a-cir": "260000",  "a2z-pir": "500000",  "z2a-pir": "500000",  "a2z-cbs": "1024",  "z2a-cbs": "1024",  "a2z-pbs": "1024",  "z2a-pbs": "1024"  },  "encaplate-type": "cep-mpls"  }  ]  },  "snc-type": "simple"  },  "routes": {  "route-list": [  {  "id": "683",  "name": "route683",  "layer-rate": "PW",  "snc-id": "673",  "xcs": {  "xc-list": [  {  "ne-id": "openflow:7",  "ingress-ltp-id": "openflow:7:3",  "forward-in-label": "6490",  "backward-out-label": "6491",  "forward-peer-id":"20.0.0.8",  "egress-ltp-id": "openflow:7:3",  "forward-out-label": "6492",  "backward-in-label": "6493"  },  {  "ne-id": "openflow:8",  "ingress-ltp-id": "openflow:8:3",  "forward-in-label": "6492",  "backward-out-label": "6493",  "egress-ltp-id": "openflow:8:3",  "backward-peer-id":"20.0.0.7",  "forward-out-label": "6490",  "backward-in-label": "6491"  }  ]  }  }  ]  }  }  } | |
| **\*测试结果与结论：** | | |