Brocade Switches

- Below is output for IPv6 Brocade switch commands.
- Configure as many IPv6 settings as you have available!
- Below we have NTP, Sflow and DNS configured to use IPv6 address
- Don’t forget IPv6 ACL’s!

```
#ipv6 address 2001:abc:6000:1401::14/64
#ipv6 dns domain-name example.net
#ipv6 dns server-address 2001:abc:4310:f000::59:244 2001:abc:b0:f000::244

#sntp server ipv6 2001:abc:1000:1048:2a0:69ff:fe01:89a0
#sntp server ipv6 2001:abc:8220:1f01:2a0:69ff:fe01:a05c
#ipv6 dns server-address 2001:abc:a0::244 2001:abc:b0:f000::244

#sflow agent-ip 2001:abc:6000:1401::14
#sflow sample 256
#sflow destination ipv6 X:X:X::X
#sflow enable

#ipv6 access-list TEST-v6-Sw-ACL
remark LAN
permit ipv6 2001:abc:2480:1000::/64 host 2001:abc:6000:1401::14
remark Deny_All
deny ipv6 any any mirror
```
Brocade Switches

- Brocade switches at Layer 2 require a router-advertisement (RA) from an IPv6 router.
- Below is the configuration for a Juniper RA from interface fe-1/0/0.101 along with the ipv6 neighbors and RA verification.

```
tjones@dcn1.ast> show configuration protocols
router-advertisement {
    interface fe-1/0/0.101;
}

fakees> show ipv6 neighbors
IPv6 Address                 Linklayer Address ...   84:2b:2b:16:fd:88  stale     849  no  no      fe-1/0/0.101
99  no  no      fe                              fe80::212:f2ff:fee4:9280     00:12:f2:e4:92:80  stale       1120 no  no      fe-1/0/0.101
fe80::862b:2bff:fe13:9a99    84:2b:2b:16:fd:88  stale       896 no  no      fe-1/0/0.101

fakees> show ipv6 router-advertisement
Interface: fe-1/0/0.101
    Advertisements sent: 6676, last sent 00:03:19 ago
    Solicits received: 13, last received 1w3d 07:11:45 ago
    Advertisements received: 0
```
Brocade Switches – SSH via IPv6

- Verify SSH access via IPv6

Success!!