

Results of automated VLAN creation script

```
root@NetworkAutomation-2:~# python3 vlan_config.py

VLAN creation on br1R1 was completed successfully

VLAN creation on br2R2 was completed successfully

VLAN creation on br3R3 was completed successfully

Output from br1R1 (11.11.11.11):

VLAN Name                                Status   Ports
-----
1    default                                active   Gi1/0, Gi2/0, Gi2/1, Gi2/2, Gi2/3, Gi3/0, Gi3/1, Gi3
/2, Gi3/3
11   HR                                      active   Gi1/1
12   Accounting                             active   Gi1/2
13   Sales                                  active   Gi1/3
1002 fddi-default                           act/unsup
1003 token-ring-default                     act/unsup
1004 fddinet-default                         act/unsup
1005 trnet-default                         act/unsup

VLAN Type  SAID      MTU   Parent RingNo BridgeNo Stp   BrdgMode Trans1 Trans2
-----
1    enet     100001    1500  -      -      -      -      -      0      0
11   enet     100011    1500  -      -      -      -      -      0      0
12   enet     100012    1500  -      -      -      -      -      0      0
13   enet     100013    1500  -      -      -      -      -      0      0
1002 fddi     101002    1500  -      -      -      -      -      0      0
1003 tr      101003    1500  -      -      -      -      -      0      0
1004 fdnet   101004    1500  -      -      -      ieee  -      0      0
1005 trnet   101005    1500  -      -      -      ibm   -      0      0

Primary Secondary Type          Ports
-----

Interface      IP-Address      OK? Method Status          Protocol
GigabitEthernet0/3  unassigned      YES unset  up              up
GigabitEthernet0/0  192.168.3.2     YES NVRAM  up              up
GigabitEthernet0/1  192.168.3.14    YES NVRAM  up              up
GigabitEthernet0/2  192.168.3.26    YES NVRAM  up              up
GigabitEthernet1/0  unassigned      YES unset  down            down
GigabitEthernet1/1  unassigned      YES unset  up              up
GigabitEthernet1/2  unassigned      YES unset  up              up
GigabitEthernet1/3  unassigned      YES unset  up              up
GigabitEthernet2/0  unassigned      YES unset  down            down
GigabitEthernet2/1  unassigned      YES unset  down            down
GigabitEthernet2/2  unassigned      YES unset  down            down
GigabitEthernet2/3  unassigned      YES unset  down            down
GigabitEthernet3/0  unassigned      YES unset  down            down
GigabitEthernet3/1  unassigned      YES unset  down            down
GigabitEthernet3/2  unassigned      YES unset  down            down
GigabitEthernet3/3  unassigned      YES unset  down            down
Loopback1          11.11.11.11     YES NVRAM  up              up
Vlan11              192.168.11.1    YES NVRAM  up              up
Vlan12              192.168.12.1    YES NVRAM  up              up
Vlan13              192.168.13.1    YES NVRAM  up              up

Output from br2R2 (22.22.22.22):

VLAN Name                                Status   Ports
-----
1    default                                active   Gi2/0, Gi2/1, Gi2/2, Gi2/3, Gi3/0, Gi3/1, Gi3/2, Gi3
/3
```

Results of automated VLAN creation script

```

NetworkAutomation-2 x | +
VLAN Name Status Ports
-----
1 default active Gi2/0, Gi2/1, Gi2/2, Gi2/3, Gi3/0, Gi3/1, Gi3/2, Gi3/3
11 HR active Gi1/1
12 Accounting active Gi1/2
13 Sales active Gi1/3
1002 fddi-default act/unsup
1003 token-ring-default act/unsup
1004 fddinet-default act/unsup
1005 trnet-default act/unsup

VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
-----
1 enet 100001 1500 - - - - - 0 0
11 enet 100011 1500 - - - - - 0 0
12 enet 100012 1500 - - - - - 0 0
13 enet 100013 1500 - - - - - 0 0
1002 fddi 101002 1500 - - - - - 0 0
1003 tr 101003 1500 - - - - - 0 0
1004 fdnet 101004 1500 - - - ieee 0 0
1005 trnet 101005 1500 - - - ibm 0 0

Primary Secondary Type Ports
-----

Interface IP-Address OK? Method Status Protocol
GigabitEthernet0/3 unassigned YES unset up up
GigabitEthernet0/0 192.168.3.6 YES NVRAM up up
GigabitEthernet0/1 192.168.3.18 YES NVRAM up up
GigabitEthernet0/2 192.168.3.30 YES NVRAM up up
GigabitEthernet1/0 unassigned YES unset up up
GigabitEthernet1/1 unassigned YES unset up up
GigabitEthernet1/2 unassigned YES unset up up
GigabitEthernet1/3 unassigned YES unset up up
GigabitEthernet2/0 unassigned YES unset down down
GigabitEthernet2/1 unassigned YES unset down down
GigabitEthernet2/2 unassigned YES unset down down
GigabitEthernet2/3 unassigned YES unset down down
GigabitEthernet3/0 unassigned YES unset down down
GigabitEthernet3/1 unassigned YES unset down down
GigabitEthernet3/2 unassigned YES unset down down
GigabitEthernet3/3 unassigned YES unset down down
Loopback1 22.22.22.22 YES NVRAM up up

Output from br3R3 (33.33.33.33):

VLAN Name Status Ports
-----
1 default active Gi1/0, Gi2/0, Gi2/1, Gi2/2, Gi2/3, Gi3/0, Gi3/1, Gi3/2, Gi3/3
11 HR active Gi1/1
12 Accounting active Gi1/2
13 Sales-BR3 active Gi1/3
1002 fddi-default act/unsup
1003 token-ring-default act/unsup
1004 fddinet-default act/unsup
1005 trnet-default act/unsup

VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
-----
1 enet 100001 1500 - - - - - 0 0
11 enet 100011 1500 - - - - - 0 0
12 enet 100012 1500 - - - - - 0 0
13 enet 100013 1500 - - - - - 0 0
1002 fddi 101002 1500 - - - - - 0 0
1003 tr 101003 1500 - - - - - 0 0

```

Results of automated VLAN creation script

```

1002 fddi-default          act/unsup
1003 token-ring-default    act/unsup
1004 fddinet-default       act/unsup
1005 trnet-default         act/unsup

VLAN  Type  SAID      MTU   Parent  RingNo BridgeNo  Stp   BrdgMode Trans1 Trans2
-----
1     enet   100001    1500  -       -       -       -    -         0      0
11    enet   100011    1500  -       -       -       -    -         0      0
12    enet   100012    1500  -       -       -       -    -         0      0
13    enet   100013    1500  -       -       -       -    -         0      0
1002  fddi   101002    1500  -       -       -       -    -         0      0
1003  tr     101003    1500  -       -       -       -    -         0      0
1004  fdnet  101004    1500  -       -       -       ieee -         0      0
1005  trnet  101005    1500  -       -       -       ibm  -         0      0

Primary Secondary Type          Ports
-----

Interface      IP-Address      OK? Method Status          Protocol
GigabitEthernet0/3  unassigned      YES unset  up             up
GigabitEthernet0/0  192.168.3.10    YES NVRAM  up             up
GigabitEthernet0/1  192.168.3.22    YES NVRAM  up             up
GigabitEthernet0/2  192.168.3.34    YES NVRAM  up             up
GigabitEthernet1/0  unassigned      YES unset  down           down
GigabitEthernet1/1  unassigned      YES unset  up             up
GigabitEthernet1/2  unassigned      YES unset  up             up
GigabitEthernet1/3  unassigned      YES unset  up             up
GigabitEthernet2/0  unassigned      YES unset  down           down
GigabitEthernet2/1  unassigned      YES unset  down           down
GigabitEthernet2/2  unassigned      YES unset  down           down
GigabitEthernet2/3  unassigned      YES unset  down           down
GigabitEthernet3/0  unassigned      YES unset  down           down
GigabitEthernet3/1  unassigned      YES unset  down           down
GigabitEthernet3/2  unassigned      YES unset  down           down
GigabitEthernet3/3  unassigned      YES unset  down           down
Loopback1          33.33.33.33     YES NVRAM  up             up
root@NetworkAutomation-2:~#

```