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NetworkAutomation-2
                                                                                                                                               В
 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
                                                    active Gi1/0, Gi2/0, Gi2/1, Gi2/2, Gi2/3, Gi3/0, Gi3/1, Gi3
 /2, Gi3/3
                                                 active Gi1/1
active Gi1/2
active Gi1/3
11 HR
12 Accounting
13 Sales
                                                  act/unsup
1002 fddi-default
 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
11 enet 100011
                              1500 -
                              1500 -
                                                                                          0
                                                                                                    0
12 enet 100012
13 enet 100013
1002 fddi 101002
                             1500 -
                                                                                                    0
                             1500 -
1500 -
                                                                                          0
                                                                                                    0
                                                                                         a
                                                                                                    0
 1003 tr 101003 1500 -
                                                                      ieee -
                             1500 - -
1500 - -
 1004 fdnet 101004
                                                                                          0
                                                                                                    0
 1005 trnet 101005
                                                                      ibm -
                                                                                         0
                                                                                                    0
Primary Secondary Type
                                                Ports
Interface IP-Address OK? Method Status GigabitEthernet0/3 unassigned YES unset up GigabitEthernet0/0 192.168.3.2 YES NVRAM up GigabitEthernet0/1 192.168.3.14 YES NVRAM up GigabitEthernet1/0 unassigned YES unset down GigabitEthernet1/1 unassigned YES unset up GigabitEthernet1/2 unassigned YES unset up GigabitEthernet1/3 unassigned YES unset up GigabitEthernet1/3 unassigned YES unset up
                                                                                                    Protocol
                                                                                                   up
                                                                                                    up
                                                                                                    up
                                                                                                   up
                                                                                                    down
                                                                                                    up
                                                                                                   up
                               unassigned YES unset up
unassigned YES unset down
GigabitEthernet1/3 unassigned
GigabitEthernet2/0 unassigned
GigabitEthernet2/1 unassigned
                                                                                                    up
                                                                                                    down
                                                                                                    down
GigabitEthernet2/2
GigabitEthernet2/3
GigabitEthernet3/0
                                                                                                    down
                                                                                                    down
                                                                                                    down
                                                   YES unset down
YES unset down
YES unset down
 GigabitEthernet3/1
                                unassigned
                                                                                                   down
 GigabitEthernet3/2
                               unassigned
                                                                                                   down
GigabitEthernet3/2
                               unassigned
                                                                                                   down
 Loopback1
                                11.11.11.11
                                                    YES NVRAM up
                                                                                                   up
                                                     YES NVRAM up
 Vlan11
                                192.168.11.1
                                                                                                    up
 Vlan12
                                                     YES NVRAM up
                                192.168.12.1
                                                                                                    up
 Vlan13
                               192.168.13.1
                                                     YES NVRAM up
                                                                                                    up
Output from br2R2 (22.22.22.22):
                                                                   Ports
 VLAN Name
                                                     Status
       default
                                                     active
                                                                  Gi2/0, Gi2/1, Gi2/2, Gi2/3, Gi3/0, Gi3/1, Gi3/2, Gi3
 /3
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VLAN	Name				Sta	itus	Ports						^
1	defau]	lt			ac	ive	Gi2/0,	Gi2/1, (	Gi2/2, Gi	 2/3, Gi3/0,	Gi3/1,	Gi3/2, Gi3	
1003 1004	. HR ! Accounting				act act act act act	active active active act/unsup act/unsup act/unsup act/unsup							
VLAN	Туре	SAID	MTU	Parent	RingNo	Bridge	eNo Stp	BrdgMod	de Trans1	Trans2			
1	enet	100001	1500				 -		 0	0			
11		100011	1500						0	0			
12 13		100012 100013	1500 1500						0 0	0 0			
1002	fddi	101002	1500						0	0			
1003		101003 101004	1500 1500	-	-		- ioc	- e -	0 0	0			
		101004	1500	-	-	-	ibm		0	0			
Prima	arv Sec	condary Type	e		Port	:							
						, 							
Inter	face		IP-Ac	ddress	OI	(? Meth	od Stat	us		Protocol			
_		ernet0/3		signed		S unse				up			
		ernet0/0 ernet0/1		168.3.6 168.3.18		S NVRAI S NVRAI				up up			
		ernet0/2		168.3.36		S NVRA				up			
_		ernet1/0		signed		S unse				up			
_		ernet1/1 ernet1/2		signed signed		S unse <sup>.</sup> S unse <sup>.</sup>				up up			
		ernet1/3		signed		S unse				up			
_		ernet2/0		signed		S unse				down			
_		ernet2/1 ernet2/2		signed signed		S unse <sup>.</sup> S unse <sup>.</sup>				down down			
Gigat	oitEthe	ernet2/3		signed		S unse				down			
		ernet3/0		signed		S unse				down			
		ernet3/1 ernet3/2		signed signed		S unse <sup>.</sup> S unse <sup>.</sup>				down down			
	GigabitEthernet3/3 unassigned				S unse				down				
Loopt	oack1		22.22	2.22.22	YI	S NVRA	M up			up			
Outpu	ıt from	n br3R3 (33	.33.33.	.33):									
VLAN	Name				Sta	itus	Ports						
	defaul 3i3/3	lt				ive		Gi2/0, 0	Gi2/1, Gi	2/2, Gi2/3,	Gi3/0,	Gi3/1, Gi3	
	HR Accour	nting				ive ive	Gi1/1 Gi1/2						
13	Sales-					ive	Gi1/2						
1002 fddi-default						act/unsup							
	1003 token-ring-default 1004 fddinet-default					act/unsup act/unsup							
		default				/unsup							
VLAN	Туре	SAID	MTU	Parent	RingNo	Bridg	eNo Stp	BrdgMod	de Trans1	Trans2			
		100004	1500										
1 11		100001 100011	1500 1500						0 0	0			
		100011	1500						0	0			
13		100013	1500						0	0			
1002		101002 101003	1500 1500						0 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
11 enet 100011 1500 - - - 0
12 enet 100012 1500 - - - 0
13 enet 100013 1500 - - - 0
1002 fddi 101002 1500 - - - 0
1003 tr 101003 1500 - - - 0
1004 fdnet 101004 1500 - - ieee - 0
1005 trnet 101005 1500 - - ibm - 0

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