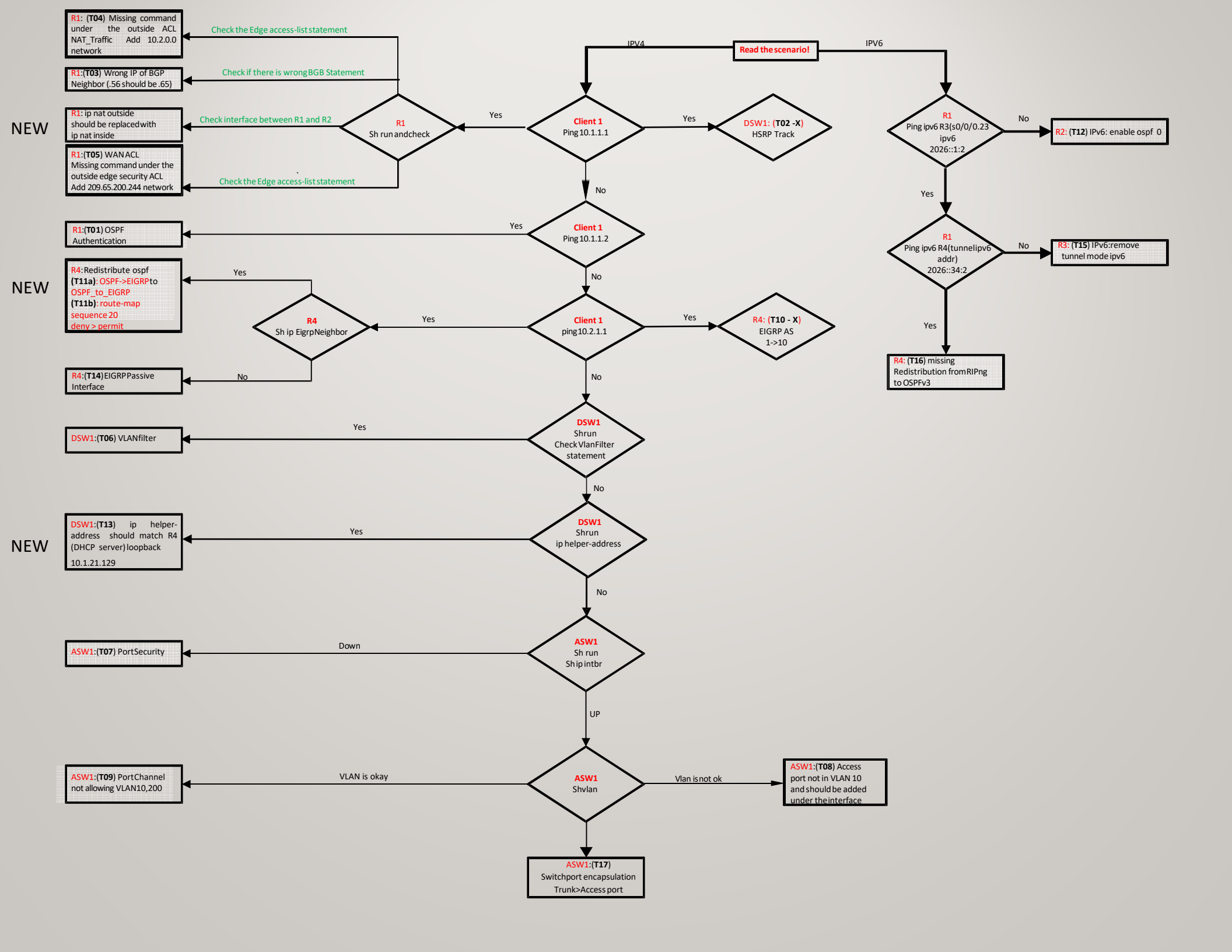
Read the scenario!
IPV4
IPV6
Client 1
Ping 10.1.1.1
Yes
DSW1: (T02 -X)
HSRP Track
No
R1
Sh run andcheck
Check the Edge access-list statement
R1: (T04) Missing command under the outside ACL NAT_Traffic Add 10.2.0.0 network
Check if there is wrong BGB Statement
R1:(T03) Wrong IP of BGP Neighbor (.56 should be .65)
NEW
Check interface between R1 and R2
R1: ip nat outside should be replaced with ip nat inside
R1:(T05) WAN ACL Missing command under the outside edge security ACL Add 209.65.200.244 network
Check the Edge access-list statement
R1
Ping ipv6 R3(s0/0/0.23 ipv6 2026::1:2
R2: (T12) IPv6: enable ospf 0
R1
Ping ipv6 R4(tunnelipv6 addr) 2026::34:2
R3: (T15) IPv6:remove tunnel mode ipv6
R4: (T16) missing Redistribution from RIPng to OSPFv3
Client 1
Ping 10.1.1.2
R1:(T01) OSPF Authentication
NEW
R4:Redistribute ospf
(T11a): OSPF->EIGRP to OSPF_to_EIGRP
(T11b): route-map sequence 20 deny > permit
R4
Sh ip EigrpNeighbor
R4:(T14) EIGRP Passive Interface
Client 1
ping 10.2.1.1
R4: (T10 - X)
EIGRP AS 1->10
DSW1
Shrun
Check VlanFilter statement
DSW1:(T06) VLANfilter
DSW1
Shrun
ip helper-address
NEW
DSW1:(T13) ip helper-address should match R4 (DHCP server) loopback
10.1.21.129
ASW1
Sh run
Sh ip intbr
ASW1:(T07) PortSecurity
Down
UP
ASW1
Shvlan
VLAN is okay
ASW1:(T09) PortChannel not allowing VLAN10,200
Vlan is not ok
ASW1:(T08) Access port not in VLAN 10 and should be added under the interface
ASW1:(T17)
Switchport encapsulation
Trunk>Access port