**Core1,2**

ip access-list extended VLAN200

10 permit ip 10.96.42.0 0.0.0.255 10.96.42.0 0.0.0.255

20 permit ip 10.96.42.0 0.0.0.255 10.96.48.0 0.0.0.255

30 permit ip 10.96.42.0 0.0.0.255 host 10.13.117.2

40 permit ip 10.96.42.0 0.0.0.255 224.0.0.0 0.0.0.255

50 permit udp any host 255.255.255.255 eq bootps

60 permit udp any host 255.255.255.255 eq bootpc

70 permit tcp 10.96.42.0 0.0.0.255 any eq www

80 deny ip any any

ip access-list extended VLAN300

40 permit ip 10.96.44.0 0.0.0.255 224.0.0.0 0.0.0.255

50 permit udp any host 255.255.255.255 eq bootps

60 permit udp any host 255.255.255.255 eq bootpc

70 permit tcp 10.96.44.0 0.0.0.255 any eq www

80 deny ip any any

ip access-list extended VLAN400

30 permit ip 10.96.46.0 0.0.0.255 10.96.46.0 0.0.0.255

40 permit ip 10.96.46.0 0.0.0.255 224.0.0.0 0.0.0.255

50 permit udp any host 255.255.255.255 eq bootps

60 permit udp any host 255.255.255.255 eq bootpc

80 deny ip any any

ip access-list extended VLAN500

30 permit ip 10.96.48.0 0.0.0.255 10.96.42.0 0.0.0.255

40 permit ip 10.96.48.0 0.0.0.255 224.0.0.0 0.0.0.255

50 permit udp any host 255.255.255.255 eq bootps

60 permit udp any host 255.255.255.255 eq bootpc

80 deny ip any any

**Remote-router**

ip access-list extended VLAN201

10 permit ip 10.96.52.0 0.0.0.127 10.96.52.0 0.0.0.63

30 permit ip 10.96.52.0 0.0.0.127 host 10.13.117.2

50 permit udp any host 255.255.255.255 eq bootps

60 permit udp any host 255.255.255.255 eq bootpc

80 deny ip any any

ip access-list extended VLAN301

50 permit udp any host 255.255.255.255 eq bootps

60 permit udp any host 255.255.255.255 eq bootpc

70 permit tcp 10.96.50.128 0.0.0.63 any eq www

80 deny ip any any

ip access-list extended VLAN401

10 permit ip 10.96.52.128 0.0.0.63 10.96.46.0 0.0.0.255

20 permit ip 10.96.52.128 0.0.0.63 10.96.52.128 0.0.0.63

30 permit udp any host 255.255.255.255 eq bootps

40 permit udp any host 255.255.255.255 eq bootpc

50 deny ip any any

ip access-list extended VLAN501

10 permit ip 10.96.52.192 0.0.0.63 10.96.52.0 0.0.0.127

30 permit udp any host 255.255.255.255 eq bootps

40 permit udp any host 255.255.255.255 eq bootpc

50 deny ip any any