Troubleshooting Our Network

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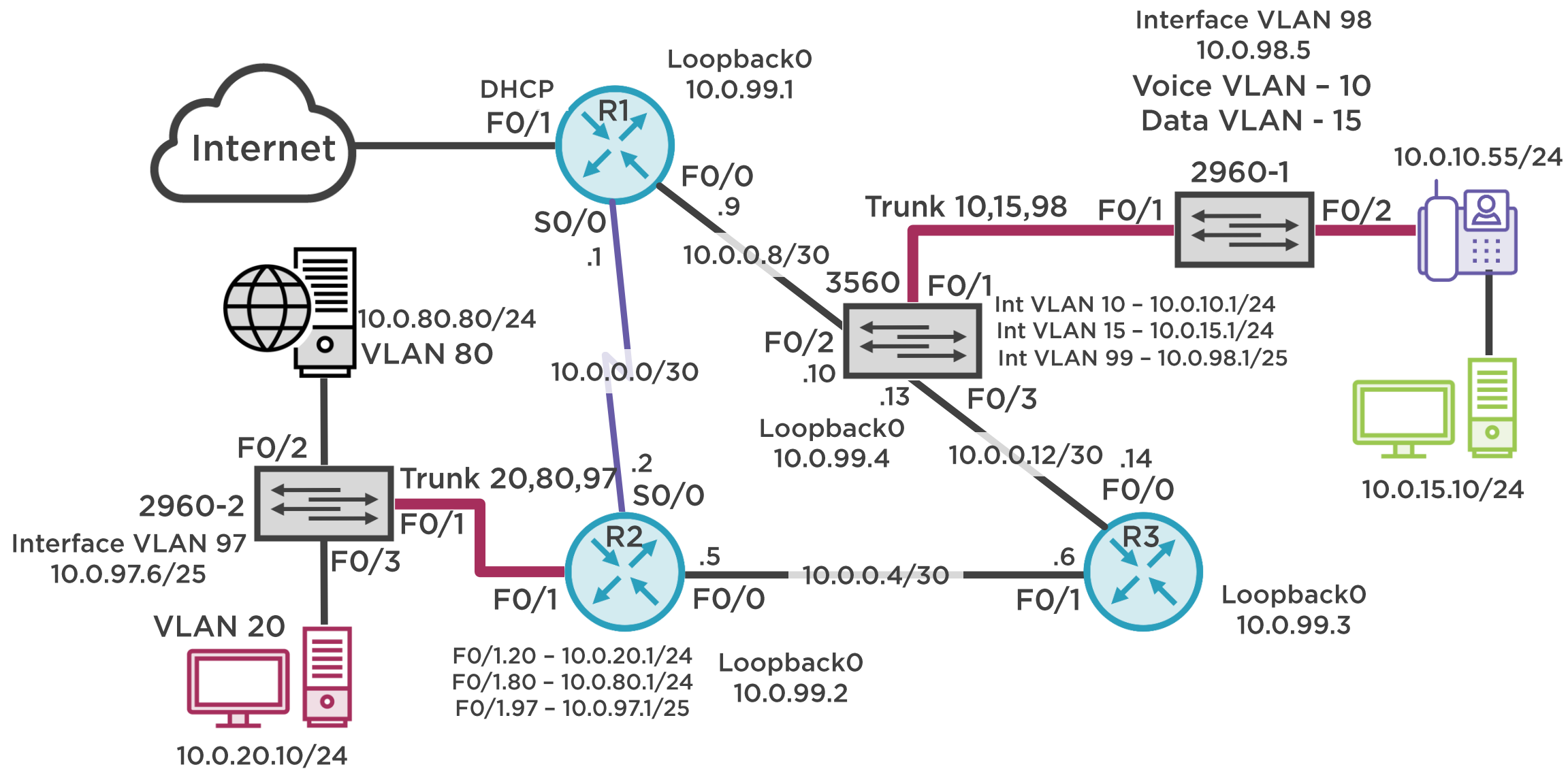@bagurdes

Module Goals

Troubleshoot network issues

Lab Network

Internet

R1

DHCP
F0/1

Loopback0
10.0.99.1

F0/0
.9

S0/0
.1

10.0.0.8/30

10.0.80.80/24
VLAN 80

F0/2

2960-2

Interface VLAN 97
10.0.97.6/25

F0/3

VLAN 20

10.0.20.10/24

10.0.0.0/30

Trunk 20,80,97

F0/1

.2
S0/0

R2

F0/1   F0/0

F0/1.20 – 10.0.20.1/24
F0/1.80 – 10.0.80.1/24
F0/1.97 – 10.0.97.1/25

Loopback0
10.0.99.2

.5

Interface VLAN 98
10.0.98.5
Voice VLAN – 10
Data VLAN - 15

Trunk 10,15,98   F0/1

2960-1

F0/2

10.0.10.55/24

3560   F0/1

Int VLAN 10 – 10.0.10.1/24
Int VLAN 15 – 10.0.15.1/24
Int VLAN 99 – 10.0.98.1/25

F0/2
.10

.13   F0/3

Loopback0
10.0.99.4

10.0.0.12/30   .14

F0/0

R3

10.0.15.10/24

10.0.0.4/30   .6

F0/1

Loopback0
10.0.99.3

Troubleshooting the slowness complaint

Troubleshooting the Internet connection

Troubleshooting the 2960-1 PC Connection Issues

Summary

Troubleshoot network issues