

## **Router Group 1**

### **Router 1 AS Number 10**

Interface: e1/0 Address: 10.0.9.1/30  
Connects to: Router 9  
Interface: e1/1 Address: 10.0.11.1/30  
Connects to: Router 2  
Interface: e1/2 Address: 10.0.11.5/30  
Connects to: Router 17  
Interface: e1/3 Address: 10.0.9.5/30  
Connects to: Router 8  
Interface: l0 Address: 10.0.11.251/32

### **Router 2 AS Number 10**

Interface: e1/0 Address: 10.0.11.2/30  
Connects to: Router 1  
Interface: e1/1 Address: 10.0.9.9/30  
Connects to: Router 10  
Interface: e1/2 Address: 10.0.9.13/30  
Connects to: Router 3  
Interface: e1/3 Address: 10.0.11.9/30  
Connects to: Router 18  
Interface: l0 Address: 10.0.11.252/32

### **Router 17 AS Number 10**

Interface: e1/0 Address: 10.0.11.6/30  
Connects to: Router 1  
Interface: e1/1 Address: 10.0.11.13/30  
Connects to: Router 18  
Interface: l0 Address: 10.0.11.253/32

### **Router 18 AS Number 10**

Interface: e1/0 Address: 10.0.11.10/30  
Connects to: Router 2  
Interface: e1/1 Address: 10.0.11.14/30  
Connects to: Router 17  
Interface: l0 Address: 10.0.11.254/32

## **Router Group 2**

### **Router 3 AS Number 20**

Interface: e1/0 Address: 10.0.9.17/30

Connects to: Router 11

Interface: e1/1 Address: 10.0.9.14/30

Connects to: Router 2

Interface: e1/2 Address: 10.0.12.1/30

Connects to: Router 4

Interface: e1/3 Address: 10.0.12.5/30

Connects to: Router 19

Interface: l0 Address: 10.0.12.251/32

### **Router 4 AS Number 20**

Interface: e1/0 Address: 10.0.12.2/30

Connects to: Router 3

Interface: e1/1 Address: 10.0.9.21/30

Connects to: Router 5

Interface: e1/2 Address: 10.0.12.9/30

Connects to: Router 20

Interface: e1/3 Address: 10.0.9.25/30

Connects to: Router 12

Interface: l0 Address: 10.0.12.252/32

### **Router 19 AS Number 20**

Interface: e1/0 Address: 10.0.12.6/30

Connects to: Router 3

Interface: e1/1 Address: 10.0.12.13/30

Connects to: Router 20

Interface: l0 Address: 10.0.12.253/32

### **Router 20 AS Number 20**

Interface: e1/0 Address: 10.0.12.10/30

Connects to: Router 4

Interface: e1/1 Address: 10.0.12.14/30

Connects to: Router 19

Interface: l0 Address: 10.0.12.254/32

### **Router Group 3**

#### **Router 5 AS Number 30**

Interface: e1/0 Address: 10.0.9.29/30

Connects to: Router 13

Interface: e1/1 Address: 10.0.9.22/30

Connects to: Router 4

Interface: e1/2 Address: 10.0.13.1/30

Connects to: Router 6

Interface: e1/3 Address: 10.0.13.5/30

Connects to: Router 21

Interface: l0 Address: 10.0.13.251/32

#### **Router 6 AS Number 30**

Interface: e1/0 Address: 10.0.13.2/30

Connects to: Router 5

Interface: e1/1 Address: 10.0.9.33/30

Connects to: Router 14

Interface: e1/2 Address: 10.0.9.37/30

Connects to: Router 7

Interface: e1/3 Address: 10.0.13.9/30

Connects to: Router 22

Interface: l0 Address: 10.0.13.252/32

#### **Router 21 AS Number 30**

Interface: e1/0 Address: 10.0.13.6/30

Connects to: Router 5

Interface: e1/1 Address: 10.0.13.13/30

Connects to: Router 22

Interface: l0 Address: 10.0.13.253/32

#### **Router 22 AS Number 30**

Interface: e1/0 Address: 10.0.13.10/30

Connects to: Router 6

Interface: e1/1 Address: 10.0.13.14/30

Connects to: Router 21

Interface: l0 Address: 10.0.13.254/32

## **Router Group 4**

### **Router 7 AS Number 40**

Interface: e1/0 Address: 10.0.9.38/30

Connects to: Router 6

Interface: e1/1 Address: 10.0.14.1/30

Connects to: Router 8

Interface: e1/2 Address: 10.0.9.41/30

Connects to: Router 15

Interface: e1/3 Address: 10.0.14.5/30

Connects to: Router 23

Interface: l0 Address: 10.0.14.251/32

### **Router 8 AS Number 40**

Interface: e1/0 Address: 10.0.14.2/30

Connects to: Router 7

Interface: e1/1 Address: 10.0.9.45/30

Connects to: Router 16

Interface: e1/2 Address: 10.0.14.9/30

Connects to: Router 24

Interface: e1/3 Address: 10.0.9.6/30

Connects to: Router 1

Interface: l0 Address: 10.0.14.252/32

### **Router 23 AS Number 40**

Interface: e1/0 Address: 10.0.14.6/30

Connects to: Router 7

Interface: e1/1 Address: 10.0.14.13/30

Connects to: Router 24

Interface: l0 Address: 10.0.14.253/32

### **Router 24 AS Number 40**

Interface: e1/0 Address: 10.0.14.10/30

Connects to: Router 8

Interface: e1/1 Address: 10.0.14.14/30

Connects to: Router 23

Interface: l0 Address: 10.0.14.254/32

## **Router Group 5**

### **Router 9 AS Number 50**

Interface: e1/0 Address: 10.0.9.2/30  
Connects to: Router 1  
Interface: e1/1 Address: 10.0.15.1/30  
Connects to: Router 10  
Interface: e1/2 Address: 10.0.15.5/30  
Connects to: Router 25  
Interface: e1/3 Address: 10.0.9.49/30  
Connects to: Router 16  
Interface: l0 Address: 10.0.15.251/32

### **Router 10 AS Number 50**

Interface: e1/0 Address: 10.0.15.2/30  
Connects to: Router 9  
Interface: e1/1 Address: 10.0.9.10/30  
Connects to: Router 2  
Interface: e1/2 Address: 10.0.9.53/30  
Connects to: Router 11  
Interface: e1/3 Address: 10.0.15.9/30  
Connects to: Router 26  
Interface: l0 Address: 10.0.15.252/32

### **Router 25 AS Number 50**

Interface: e1/0 Address: 10.0.15.6/30  
Connects to: Router 9  
Interface: e1/1 Address: 10.0.15.13/30  
Connects to: Router 26  
Interface: l0 Address: 10.0.15.253/32

### **Router 26 AS Number 50**

Interface: e1/0 Address: 10.0.15.10/30  
Connects to: Router 10  
Interface: e1/1 Address: 10.0.15.14/30  
Connects to: Router 25  
Interface: l0 Address: 10.0.15.254/32

## **Router Group 6**

### **Router 11 AS Number 60**

Interface: e1/0 Address: 10.0.9.54/30

Connects to: Router 10

Interface: e1/1 Address: 10.0.9.18/30

Connects to: Router 3

Interface: e1/2 Address: 10.0.16.1/30

Connects to: Router 12

Interface: e1/3 Address: 10.0.16.5/30

Connects to: Router 27

Interface: l0 Address: 10.0.16.251/32

### **Router 12 AS Number 60**

Interface: e1/0 Address: 10.0.16.2/30

Connects to: Router 11

Interface: e1/1 Address: 10.0.9.57/30

Connects to: Router 13

Interface: e1/2 Address: 10.0.9.26/30

Connects to: Router 4

Interface: e1/3 Address: 10.0.16.9/30

Connects to: Router 28

Interface: l0 Address: 10.0.16.252/32

### **Router 27 AS Number 60**

Interface: e1/0 Address: 10.0.16.6/30

Connects to: Router 11

Interface: e1/1 Address: 10.0.16.13/30

Connects to: Router 28

Interface: l0 Address: 10.0.16.253/32

### **Router 28 AS Number 60**

Interface: e1/0 Address: 10.0.16.10/30

Connects to: Router 12

Interface: e1/1 Address: 10.0.16.14/30

Connects to: Router 27

Interface: l0 Address: 10.0.16.254/32

## **Router Group 7**

### **Router 13 AS Number 70**

Interface: e1/0 Address: 10.0.9.58/30

Connects to: Router 12

Interface: e1/1 Address: 10.0.9.30/30

Connects to: Router 5

Interface: e1/2 Address: 10.0.17.1/30

Connects to: Router 14

Interface: e1/3 Address: 10.0.17.5/30

Connects to: Router 29

Interface: l0 Address: 10.0.17.251/32

### **Router 14 AS Number 70**

Interface: e1/0 Address: 10.0.9.34/30

Connects to: Router 6

Interface: e1/1 Address: 10.0.17.2/30

Connects to: Router 13

Interface: e1/2 Address: 10.0.9.61/30

Connects to: Router 15

Interface: e1/3 Address: 10.0.17.9/30

Connects to: Router 30

Interface: l0 Address: 10.0.17.252/32

### **Router 29 AS Number 70**

Interface: e1/0 Address: 10.0.17.6/30

Connects to: Router 13

Interface: e1/1 Address: 10.0.17.13/30

Connects to: Router 30

Interface: l0 Address: 10.0.17.253/32

### **Router 30 AS Number 70**

Interface: e1/0 Address: 10.0.17.10/30

Connects to: Router 14

Interface: e1/1 Address: 10.0.17.14/30

Connects to: Router 29

Interface: l0 Address: 10.0.17.254/32

## Router Group 8

### Router 15 AS Number 80

Interface: e1/0 Address: 10.0.9.62/30

Connects to: Router 14

Interface: e1/1 Address: 10.0.18.1/30

Connects to: Router 16

Interface: e1/2 Address: 10.0.9.42/30

Connects to: Router 7

Interface: e1/3 Address: 10.0.18.5/30

Connects to: Router 31

Interface: l0 Address: 10.0.18.251/32

### Router 16 AS Number 80

Interface: e1/0 Address: 10.0.18.2/30

Connects to: Router 15

Interface: e1/1 Address: 10.0.9.46/30

Connects to: Router 8

Interface: e1/2 Address: 10.0.18.9/30

Connects to: Router 32

Interface: e1/3 Address: 10.0.9.50/30

Connects to: Router 9

Interface: l0 Address: 10.0.18.252/32

### Router 31 AS Number 80

Interface: e1/0 Address: 10.0.18.6/30

Connects to: Router 15

Interface: e1/1 Address: 10.0.18.13/30

Connects to: Router 32

Interface: l0 Address: 10.0.18.253/32

### Router 32 AS Number 80

Interface: e1/0 Address: 10.0.18.10/30

Connects to: Router 16

Interface: e1/1 Address: 10.0.18.14/30

Connects to: Router 31

Interface: l0 Address: 10.0.18.254/32