MikroTik - RouterOS v7

100 Gig development lab

NFV - IPv4/IPv6 peering tests

feed 1 feed 2 feed 3 feed 4

RouterOS v6 interop

arm
ROSv6-RTR-01
(RB4011)
sfp-sfpplus1

tile
ROSv6-RTR-02
(CCR1036-8G-2S+)
sfp-sfpplus1
MTU 9578

mipsbe
ROSv6-RTR-03
(RB951)
ether2

MTU 9578

Key

1G CAT6 copper patch cable
10G 50 micron multimode OM4
20G or 40G 50 micron multimode OM4 (LAG)
10G or 25G SFP+ or SSFP28 DAC (LAG)
80G QSFP+ DAC (LAG)
200G QSFP28 DAC (LAG)

sfp-sfpplus1 sfp-sfpplus1

20 Gbps
L2 MTU 9578

sfp-sfpplus1 sfp-sfpplus1

TSW-01
(CRS317-1G-16S+RM)

sfp-sfpplus1 sfp-sfpplus2
sfp-sfpplus3 sfp-sfpplus3

RTR-03
(CCR2116-12G-4S+)

sfp-sfpplus1
sfp-sfpplus2
sfp-sfpplus3
sfp-sfpplus4

40 Gbps
L2 MTU 9578

sfp-sfpplus9
sfp-sfpplus10
sfp-sfpplus11
sfp-sfpplus12

MLAG

sfp-sfpplus12

80 Gbps
L2 MTU 10218

qsfpplus1-1
qsfpplus2-1

bonding2--> bonding2

qsfpplus1-1
qsfpplus2-1

sfp-sfpplus12

20 Gbps
L2 MTU 9578

bonding1--> bonding3

bonding1--> bonding1

sfp-sfpplus1
sfp-sfpplus2

20 Gbps
L2 MTU 9578

CSW-01
(CRS326-24S+2Q+RM)

CSW-02
(CRS326-24S+2Q+RM)

bonding1--> bonding1

sfp-sfpplus1
sfp-sfpplus2

RTR-02
(CCR2004-16G-2S+)

sfp-sfpplus3
sfp-sfpplus4

sfp-sfpplus4 sfp-sfpplus4

sfp-sfpplus21
sfp-sfpplus22
sfp-sfpplus23
sfp-sfpplus24

sfp-sfpplus21
sfp-sfpplus22
sfp-sfpplus23
sfp-sfpplus24

RTR-01
(CCR2004-16G-2S+)

sfp-sfpplus1 sfp-sfpplus2

TSW-02
(CRS317-1G-16S+RM)

LER-11
(CCR2004-1G-12S+2XS)

40 Gbps
L2 MTU 9570

40 Gbps
L2 MTU 9570

LER-12
(CCR2004-1G-12S+2XS)

sfp28-1
sfp28-2

sfp28-9
sfp28-10
sfp28-11
sfp28-12

sfp28-9
sfp28-10
sfp28-11
sfp28-12

sfp28-1
sfp28-2

50 Gbps
L2 MTU 9578

200 Gbps
L2 MTU 9570

50 Gbps
L2 MTU 9578

sfp28-1
sfp28-2
sfp28-3
sfp28-4

qsfp28-1-1
qsfp28-2-1

qsfp28-1-1
qsfp28-2-1

sfp28-1
sfp28-2
sfp28-3
sfp28-4

LSR-01
(CCR2216-1G-12XS-2QXQ)

LSR-02
(CCR2216-1G-12XS-2XQ)

50 Gbps
L2 MTU 9578

50 Gbps
L2 MTU 9578

sfp28-1
sfp28-2

sfp28-5
sfp28-6
sfp28-7
sfp28-8

sfp28-5
sfp28-6
sfp28-7
sfp28-8

sfp28-1
sfp28-2

LER-13
(CCR2004-1G-12S+2XS)

LER-13
(CCR2004-1G-12S+2XS)

40 Gbps
L2 MTU 9578

40 Gbps
L2 MTU 9578

sfp-sfpplus1
sfp-sfpplus2
sfp-sfpplus3
sfp-sfpplus4

sfp-sfpplus5
sfp-sfpplus6
sfp-sfpplus7
sfp-sfpplus8

LSR-03
(CCR1072-1G-8S+)

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Call or e-mail for professional assistance with your network