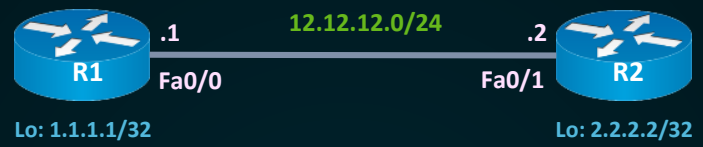
Multi-Vendor Comparison

OSPF Configuration & Verification on different Vendors - NW

NW Reference Topology 1



CONFIG / VENDOR	Cisco	Juniper	Huawei	Nokia/ALU	Tellabs (Coriant)
Basic OSPF Configuration	R1#config t R1(config)#router ospf 1 R1(config-router)#router-id 1.1.1.1 R1(config-router)#network 1.1.1.1 255.255.255.255 area 0 R1(config-router)#network 12.12.12.0 0.0.0.255 area 0	[edit] user@host# set protocols ospf area 0.0.0.0 interface ge-0/0/0 user@host# set protocols ospf area 0.0.0.0 interface lo0.0	<R1> system-view [R1] router id 1.1.1.1 [R1] ospf 1 [R1-ospf-1] area 0 [R1-ospf-1-area-0.0.0.0] network 1.1.1.1 255.255.255.255 [R1-ospf-1-area-0.0.0.0] network 12.12.12.0 0.0.0.255	A:R1# configure router router-id 1.1.1.1 A:R1# configure router ospf A:R1>config>router>ospf# area 0 A:R1>config>router>ospf>area# interface "system" A:R1>config>router>ospf>area>if# back A:R1>config>router>ospf>area# interface "PORT12"	#config t R1(config)#router ospf 1 R1(config-router)##ospf router-id 1.1.1.1 R1(config-router)#network 1.1.1.1/32 area 0.0.0.0 R1(config-router)#network 12.12.12.0/24 area 0.0.0.0
OSPF Show Commands	R1#show ip ospf neighbor R1#show ip ospf interface R1#show ip route ospf R1#show ip ospf database R1#show ip protocols, R1#show ip ospf R1#show ip ospf neighbor detail *www.networkwalks.com*	user@host# show ospf neighbor user@host# show ospf interface user@host# show ospf route user@host# show route protocol ospf user@host# show ospf database user@host# show ospf neighbor extensive	<R1> display ip routing-table < R1> display ospf peer <R1> display ospf interface Fa0/0/0 <R1> display ospf routing 1.1.1.1 <R1> display ospf brief	A:R1# show router ospf neighbor A:R1# show router ospf interface A:R1# show router ospf routes A:R1# show router ospf database A:R1# show router ospf status A:R1# clear router ospf neighbor *info at any context	R1#show ip ospf neighbor R1#show ip ospf interface R1#show ip route ospf R1#show ip ospf database R1#show ip ospf R1#show ip route www.networkwalks.com

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Your Feedback, Comments are always Welcomed: info@networkwalks.com