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| <pre> interface port-channel1 description peer-link switchport mode fabricpath vpc peer-link ! interface port-channel6 description VPC_vs_SPINE-6004 switchport mode trunk spanning-tree port type edge trunk speed 10000 vpc 6 ! interface Ethernet1/7 description "vPC to N6K-A" switchport mode trunk channel-group 6 mode active interface Ethernet1/8 description "vPC to N6K-B" switchport mode trunk channel-group 6 mode active </pre> | <p>Config port-channel 1 vpc peer-link</p> <p>Config port-channel 6 to N6K Spine</p> <p>Config interface sotto po6</p> |
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| N6K-A e B configuration tunneling QinQ | |
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| <pre> vlan 100 name S-Tag-100 mode fabricpath vlan 200 name S-Tag-200 mode fabricpath vlan 300 name S-Tag-300 mode fabricpath ! spanning-tree vlan 100, 200, 300 priority 4096 ! interface port-channel100 description "B2B to N6K-B" switchport mode fabricpath spanning-tree port type network speed 10000 vpc peer-link fabricpath topology-member 1 ! interface port-channel6 description "to N5K-A-B" switchport mode dot1q-tunnel switchport access vlan 100 speed 10000 vpc 6 interface port-channel10 description "to PE1 ae10" switchport mode trunk </pre> | <p>Definizione vlans mode fabricpath</p> <p>Spanning tree priority</p> <p>Config port-channel 100 vpc peer-link B2B</p> <p>Config port-channel 6 to N5K Leaf vPC 6 dot1q-tunnel</p> <p>Config port-channel 10 to PE1 vPC 10 trunk</p> |

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| <pre> switchport trunk allowed vlan 100,200,300 speed 10000 vpc 10 ! interface port-channel11 description to PE2 ae10" switchport mode trunk switchport trunk allowed vlan 100,200,300 speed 10000 vpc 11 ! interface Ethernet1/1/1 description "B2B to N6K eth 1/1/1" switchport mode fabricpath channel-group 100 mode active ! interface Ethernet3/1/1 description "B2B to N6K eth 3/1/1" switchport mode fabricpath channel-group 100 mode active ! interface Ethernet3/3/1 description "to N5K-A" switchport mode dot1q-tunnel switchport access vlan 100 channel-group 6 mode active ! interface Ethernet3/3/2 description "to N5K-B" switchport mode dot1q-tunnel switchport access vlan 100 channel-group 6 mode active ! interface Ethernet1/2/1 description "to PE1 xe-3/1/0" switchport mode trunk switchport trunk allowed vlan 100,200,300 channel-group 10 mode active ! interface Ethernet2/2/1 description "to PE2 xe-3/0/0" switchport mode trunk switchport trunk allowed vlan 100,200,300 channel-group 11 mode active ! </pre> | <p>Config port-channel 11 to PE2 vPC 11 trunk</p> <p>Config interface sotto po100 B2B</p> <p>Config interface sotto po100 B2B</p> <p>Config interface sotto po6 vPC6 to N5K Leaf in dot1Q tunnel</p> <p>Config interface sotto po6 vPC6 to N5K Leaf in dot1Q tunnel</p> <p>Config interface sotto po10 vPC10 to PE1 in trunk</p> <p>Config interface sotto po11 vPC11 to PE2 in trunk</p> |
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Segue configurazione routers PE:

| MX960 PE1 e 2 configuration | |
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| <pre> xe-3/0/0 { description "to_Nexus-N6K-A"; gigeother-options { 802.3ad ae10; } ! xe-3/1/1 { description "to_Nexus-N6K-B"; gigeother-options { 802.3ad ae10; } ! ae10 { description "to_Nexus_N6K p vpc 10"; ---- (per PE2 to vPC 11) flexible-vlan-tagging; mtu 9192; encapsulation flexible-ethernet-services; aggregated-ether-options { lacp { active; } } unit 100 { encapsulation vlan-bridge; vlan-tags outer 100; family bridge { filter { input ARP-COUNT; } interface-mode trunk; inner-vlan-id-list 10; } } unit 200 { encapsulation vlan-bridge; vlan-tags outer 200; family bridge { interface-mode trunk; inner-vlan-id-list 20; } } unit 300 { encapsulation vlan-bridge; vlan-tags outer 300; family bridge { interface-mode trunk; inner-vlan-id-list 30; } } VSWITCH_FABRIC-100 { instance-type virtual-switch; interface ae10.100; bridge-domains { VL-10 { vlan-id 10; interface ae8.10; } } VSWITCH_FABRIC-200 { </pre> | |

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| <pre>instance-type virtual-switch; interface ae10.200; bridge-domains { VL-20{ vlan-id 20; interface ae8.20; } ! VSWITCH_FABRIC-300 { instance-type virtual-switch; interface ae10.300; protocols { vstp { system-id 00:00:00:00:00:03; vlan 300 { bridge-priority 4k; interface ae8; } } } }</pre> | |
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