Open Infrastructure - Task #6946

Task # 6557 (Closed): Rebuild the whole DCL infrastructure - aka place9

Setup the other side of the arista switches

07/10/2019 06:52 PM - Nico Schottelius

Status:	Closed		**Start date:**	07/10/2019
Priority:	Normal		**Due date:**	
Assignee:	ll nu		**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
PM Check date:				
Description				

History

#1 - 07/24/2019 05:43 PM - ll nu

- Assignee changed from Nico Schottelius to ll nu

To disable router advertisements on an interface :

- ipv6 nd ra suppress all

current switch1-place9 config:

show run
! Command: show running-config
! device: switch1-place9 (DCS-7050S-52, EOS-4.18.6M-2GB)
!
! boot system flash:/EOS-2GB-4.18.6M.swi
!
transceiver qsfp default-mode 4x10G
!
hostname switch1-place9
!
spanning-tree mode mstp
!
no aaa root
!
username admin role network-admin secret sha512 6o2BZ/XuGd5r3/2bm$obv0cSeIr7dBYFt9hep9O1
!
vlan 8
name ungleich-transfer
!
vlan 10
name place6-intern
!
vlan 11
name place6-server
!
vlan 13
name mlag-aristas
trunk group mlag-aristas
!
vlan 15
name place6-coworking
!
interface Port-Channel47
switchport mode trunk
switchport trunk group mlag-aristas
!
interface Port-Channel51
mlag 51
!
interface Ethernet1

!
interface Ethernet2
!
interface Ethernet3
!
interface Ethernet4
!
interface Ethernet5
!
interface Ethernet6
!
interface Ethernet7
!
interface Ethernet8
!
interface Ethernet9
!
interface Ethernet10
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interface Ethernet11
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interface Ethernet12
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interface Ethernet13
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interface Ethernet14
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interface Ethernet15
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interface Ethernet16
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interface Ethernet17
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interface Ethernet18
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interface Ethernet19
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interface Ethernet20
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interface Ethernet21
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interface Ethernet22
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interface Ethernet23
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interface Ethernet24
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interface Ethernet25
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interface Ethernet26
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interface Ethernet27
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interface Ethernet28
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interface Ethernet29
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interface Ethernet30
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interface Ethernet31
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interface Ethernet32
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interface Ethernet33
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interface Ethernet34
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interface Ethernet35
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interface Ethernet36
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interface Ethernet37
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interface Ethernet38
!

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interface Ethernet39
!
interface Ethernet40
!
interface Ethernet41
!
interface Ethernet42
!
interface Ethernet43
!
interface Ethernet44
!
interface Ethernet45
!
interface Ethernet46
!
interface Ethernet47
channel-group 47 mode active
!
interface Ethernet48
channel-group 47 mode active
!
interface Ethernet49
!
interface Ethernet50
!
interface Ethernet51
channel-group 51 mode active
!
interface Ethernet52
channel-group 51 mode active
!
interface Management1
!
interface Vlan1
ipv6 address 2a0a:e5c0:1:7::27/64
ipv6 nd ra suppress all
!
interface Vlan13
no autostate
ip address 10.3.4.27/24
!
ip routing
!
ipv6 unicast-routing
!
mlag configuration
domain-id place9-west
local-interface Vlan13
peer-address 10.3.4.28
peer-link Port-Channel47
!
router bgp 209898
router-id 0.0.0.27
bgp default ipv6-unicast
maximum-paths 4
bgp listen range 2a0a:e5c0:1:8::/64 peer-group ungleich remote-as 2098
neighbor ungleich peer-group
neighbor ungleich maximum-routes 12000
!
end
```

#2 - 07/24/2019 10:41 PM - ll nu

on both :

$1 = 1 and 15

```
interface Ethernet$1
channel-group $1 mode active
interface Port-Channel$1
mlag $1
```

#3 - 07/24/2019 10:42 PM - ll nu

bond ond devuan started to work after i gave up and started confing alpine, i might setup the radvd there but the interface numbers are changing eth6 moved to eth2.. :o

#4 - 08/22/2019 12:08 PM - ll nu

- Status changed from In Progress to Closed

```
! Command: show running-config
! device: switch1-place9 (DCS-7050S-52, EOS-4.18.6M-2GB)
!
! boot system flash:/EOS-2GB-4.18.6M.swi
!
transceiver qsfp default-mode 4x10G
!
hostname switch1-place9
!
spanning-tree mode mstp
!
no aaa root
!
username admin role network-admin secret sha512
$6$yAE7GBCyLsKd./9h$C9ABd4tLqsbZ7Ul06ZBRfa/W3cADJkeSCGHFRgpjxIdwyhaowH8TbZhsCAluvBDg2qEA9KRGSRMQclThLjRCT1
!
vlan 8
name ungleich-transfer
!
vlan 10
name place6-intern
!
vlan 11
name place6-server
!
vlan 13
name mlag-aristas
trunk group mlag-aristas
!
vlan 15
name place6-coworking
!
vlan 21
name place6-place9
!
vlan 22
name place9-internal
!
interface Port-Channel1
switchport mode trunk
mlag 1
!
interface Port-Channel2
switchport mode trunk
mlag 2
!
interface Port-Channel3
switchport mode trunk
mlag 3
!
interface Port-Channel4
switchport mode trunk
mlag 4
!
interface Port-Channel5
switchport mode trunk
mlag 5
!
interface Port-Channel6
switchport mode trunk
mlag 6
!
interface Port-Channel7
switchport mode trunk
mlag 7
!
interface Port-Channel8
switchport mode trunk
```

mlag 8
!
interface Port-Channel9
switchport mode trunk
mlag 9
!
interface Port-Channel10
switchport mode trunk
mlag 10
!
interface Port-Channel11
switchport mode trunk
mlag 11
!
interface Port-Channel12
switchport mode trunk
mlag 12
!
interface Port-Channel13
switchport mode trunk
mlag 13
!
interface Port-Channel14
switchport mode trunk
mlag 14
!
interface Port-Channel15
switchport mode trunk
mlag 15
!
interface Port-Channel16
switchport mode trunk
mlag 16
!
interface Port-Channel47
switchport mode trunk
switchport trunk group mlag-aristas
!
interface Port-Channel51
switchport access vlan 21
mlag 51
!
interface Ethernet1
channel-group 1 mode active
!
interface Ethernet2
channel-group 2 mode active
!
interface Ethernet3
channel-group 3 mode active
!
interface Ethernet4
channel-group 4 mode active
!
interface Ethernet5
channel-group 5 mode active
!
interface Ethernet6
channel-group 6 mode active
!
interface Ethernet7
channel-group 7 mode active
!
interface Ethernet8
channel-group 8 mode active
!
interface Ethernet9
channel-group 9 mode active
!
interface Ethernet10
channel-group 10 mode active
!
interface Ethernet11
channel-group 11 mode active
!

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interface Ethernet12
channel-group 12 mode active
!
interface Ethernet13
channel-group 13 mode active
!
interface Ethernet14
channel-group 14 mode active
!
interface Ethernet15
channel-group 15 mode active
!
interface Ethernet16
channel-group 16 mode active
!
interface Ethernet17
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interface Ethernet18
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interface Ethernet19
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interface Ethernet20
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interface Ethernet21
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interface Ethernet22
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interface Ethernet47
channel-group 47 mode active
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interface Ethernet48
channel-group 47 mode active
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interface Ethernet49
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interface Ethernet50
!
interface Ethernet51
channel-group 51 mode active
!
interface Ethernet52
channel-group 51 mode active
!
interface Management1
!
interface Vlan13
no autostate
ip address 10.3.4.27/24
!
interface Vlan21
ipv6 address 2a0a:e5c0:1:7::27/64
!
ip routing
!
ipv6 unicast-routing
!
mlag configuration
domain-id place9-west
local-interface Vlan13
peer-address 10.3.4.28
peer-link Port-Channel47
!
end
```

current setup