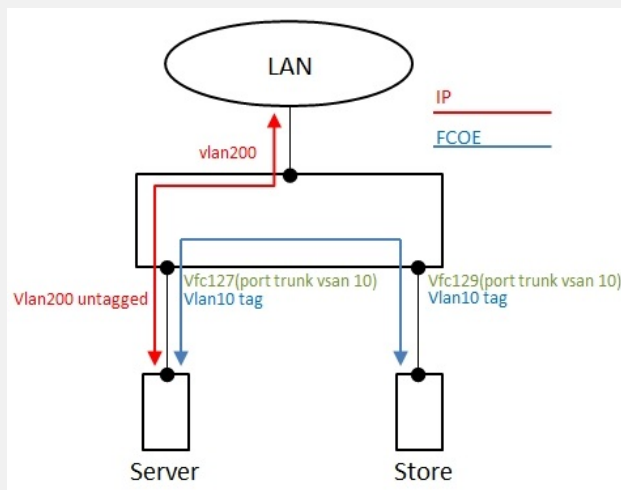


FCoE开局经验指导

FCoE (Fibre Channel over Ethernet, 基于以太网的光纤通道) 是将FC协议承载在以太网上的协议。

在FCoE组网中, 服务器可以通过支持FCoE协议的以太网卡连接到支持FCoE协议的存储交换机FCF switch上 (服务器和FCF switch之间的链路可以同时收发以太网报文和FC报文), 然后FCF switch通过以太网接口接入到LAN网络。

1. 组网图



2. 配置和说明

```
dis cu
#
version 7.1.035, Feature 2209
#
sysname DC-5820V2-DS-IRF-1
#
clock timezone beijing add 08:00:00
#
telnet server enable
#
fcoe-mode fcf
#
irf domain 3
irf mac-address persistent timer
irf auto-update enable
undo irf link-delay
irf member 1 priority 10
irf member 2 priority 1
#
lldp global enable
#
interface range name irf interface Ten-GigabitEthernet1/0/45 to Ten-GigabitEthernet1/0/48
#
system-working-mode advance
password-recovery enable
#
vsan 1
#
vsan 10 //划分vsan, 不同vsan是隔离的。
domain-id 174 static //域id
undo domain configure enable
zone name HP980-1-1_VMAX1 //划分zone, 不同zone是隔离的。
member pwwn 10:00:2c:76:8a:82:24:95 //10:.....这个是服务器
member pwwn 50:00:09:79:10:01:41:84 //50:.....这个是存储
zone name HP980-2-1_VMAX1
member pwwn 10:00:2c:76:8a:82:25:3d
member pwwn 50:00:09:79:10:01:41:84
zone name HP980-3-1_VMAX1
member pwwn 10:00:2c:76:8a:82:24:91
member pwwn 50:00:09:79:10:01:41:84
zone name HP980-4-1_VMAX1
member pwwn 10:00:2c:76:8a:82:25:39
member pwwn 50:00:09:79:10:01:41:84
zone name RACA-1-1_VMAX2
member pwwn 21:00:00:21:5e:e2:88:c9
member pwwn 50:00:09:79:10:01:41:c4
zone name RACA-2-1_VMAX2
```

```

member pwwn 21:00:00:21:5e:e2:8e:05
member pwwn 50:00:09:79:10:01:41:c4
zone name RACB-1-1_VMAX2
member pwwn 21:00:00:21:5e:e2:89:4d
member pwwn 50:00:09:79:10:01:41:c4
zone name RACB-2-1_VMAX2
member pwwn 21:00:00:21:5e:e2:8b:3d
member pwwn 50:00:09:79:10:01:41:c4
zone name RACC-1-1_VMAX2
member pwwn 21:00:00:21:5e:e2:89:79
member pwwn 50:00:09:79:10:01:41:c4
zone name RACC-2-1_VMAX2
member pwwn 21:00:00:21:5e:e2:57:55
member pwwn 50:00:09:79:10:01:41:c4
zone name STRAC-1-1_VMAX2
member pwwn 21:00:00:21:5e:e2:89:bd
member pwwn 50:00:09:79:10:01:41:c4
zone name STRAC-2-1_VMAX2
member pwwn 21:00:00:21:5e:e2:89:59
member pwwn 50:00:09:79:10:01:41:c4
zoneset name vsan10 //创建zoneset
member HP980-1-1_VMAX1
member HP980-2-1_VMAX1
member HP980-3-1_VMAX1
member HP980-4-1_VMAX1
member RACA-1-1_VMAX2
member RACA-2-1_VMAX2
member RACB-1-1_VMAX2
member RACB-2-1_VMAX2
member RACC-1-1_VMAX2
member RACC-2-1_VMAX2
member STRAC-1-1_VMAX2
member STRAC-2-1_VMAX2
zoneset activate name vsan10 //激活zoneset
#
vsan 20
domain-id 107 static
undo domain configure enable
zone name HP980-1-2_VMAX1
member pwwn 10:00:2c:76:8a:82:25:21
member pwwn 50:00:09:79:10:01:41:80
zone name HP980-2-2_VMAX1
member pwwn 10:00:2c:76:8a:82:24:a9
member pwwn 50:00:09:79:10:01:41:80
zone name HP980-3-2_VMAX1
member pwwn 10:00:2c:76:8a:82:25:25
member pwwn 50:00:09:79:10:01:41:80
zone name HP980-4-2_VMAX1
member pwwn 10:00:2c:76:8a:82:24:ad
member pwwn 50:00:09:79:10:01:41:80
zone name RACA-1-2_VMAX2
member pwwn 21:00:00:21:5e:e2:88:cb
member pwwn 50:00:09:79:10:01:41:c0
zone name RACA-2-2_VMAX2
member pwwn 21:00:00:21:5e:e2:8e:07
member pwwn 50:00:09:79:10:01:41:c0
zone name RACB-1-2_VMAX2
member pwwn 21:00:00:21:5e:e2:89:4f
member pwwn 50:00:09:79:10:01:41:c0
zone name RACB-2-2_VMAX2
member pwwn 21:00:00:21:5e:e2:8b:3f
member pwwn 50:00:09:79:10:01:41:c0
zone name RACC-1-2_VMAX2
member pwwn 21:00:00:21:5e:e2:89:7b
member pwwn 50:00:09:79:10:01:41:c0
zone name RACC-2-2_VMAX2
member pwwn 21:00:00:21:5e:e2:57:57
member pwwn 50:00:09:79:10:01:41:c0
zone name STRAC-1-2_VMAX2
member pwwn 21:00:00:21:5e:e2:89:bf
member pwwn 50:00:09:79:10:01:41:c0
zone name STRAC-2-2_VMAX2
member pwwn 21:00:00:21:5e:e2:89:5b
member pwwn 50:00:09:79:10:01:41:c0
zoneset name vsan20
member HP980-1-2_VMAX1
member HP980-2-2_VMAX1
member HP980-3-2_VMAX1
member HP980-4-2_VMAX1
member RACA-1-2_VMAX2
member RACA-2-2_VMAX2
member RACB-1-2_VMAX2
member RACB-2-2_VMAX2
member RACC-1-2_VMAX2
member RACC-2-2_VMAX2
member STRAC-1-2_VMAX2
member STRAC-2-2_VMAX2
zoneset activate name vsan20
#
vlan 1
#
vlan 10
description To FCOE
fcoe enable vsan 10 //使能vlan10的fcoe功能，并将其与VSAN 10进行映射，默认不显示vsan10。

```

```

#
vlan 20
description To FCOE
fcoe enable
#
vlan 200
description Lan
#
vlan 2000
description To_Manager
#
vlan 3000
description To BFD-MAD
#
irf-port 1/2
port group interface Ten-GigabitEthernet1/0/45
port group interface Ten-GigabitEthernet1/0/46
port group interface Ten-GigabitEthernet1/0/47
port group interface Ten-GigabitEthernet1/0/48
#
irf-port 2/1
port group interface Ten-GigabitEthernet2/0/45
port group interface Ten-GigabitEthernet2/0/46
port group interface Ten-GigabitEthernet2/0/47
port group interface Ten-GigabitEthernet2/0/48
#
qos map-table dot1p-ip
import 0 export 0
import 2 export 0
import 3 export 1
import 4 export 0
import 5 export 0
import 6 export 0
import 7 export 0
#
traffic classifier DCBX operator or
if-match acl 4000
#
traffic behavior DCBX
remark dot1p 3
#
qos policy DCBX
classifier DCBX behavior DCBX mode dcbx
#
interface Bridge-Aggregation1 //上行口连接核心允许LAN业务vlan和管理vlan通过
description To DC-S12508-CS-IRF
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 200 2000
#
interface Bridge-Aggregation10
#
interface NULL0
#
interface Vlan-interface2000
description To_Manager
ip address 10.108.11.34 255.255.255.240
#
interface Vlan-interface3000
description To BFD-MAD
mad bfd enable
mad ip address 11.0.3.1 255.255.255.0 member 1
mad ip address 11.0.3.2 255.255.255.0 member 2
#
interface FortyGigE1/0/49
#
interface FortyGigE1/0/50
#
interface FortyGigE1/0/51
#
interface FortyGigE1/0/52
#
interface FortyGigE2/0/49
#
interface FortyGigE2/0/50
#
interface FortyGigE2/0/51
#
interface FortyGigE2/0/52
#
interface M-GigabitEthernet0/0/0
ip address 10.0.0.1 255.255.255.0
#
interface Ten-GigabitEthernet1/0/1
port access vlan 3000
undo stp enable
#
interface Ten-GigabitEthernet1/0/2
#
interface Ten-GigabitEthernet1/0/3
#
interface Ten-GigabitEthernet1/0/4
#
interface Ten-GigabitEthernet1/0/5
#
interface Ten-GigabitEthernet1/0/6
#

```

```
interface Ten-GigabitEthernet1/0/7
#
interface Ten-GigabitEthernet1/0/8
#
interface Ten-GigabitEthernet1/0/9
#
interface Ten-GigabitEthernet1/0/10
#
interface Ten-GigabitEthernet1/0/11
#
interface Ten-GigabitEthernet1/0/12
#
interface Ten-GigabitEthernet1/0/13
#
interface Ten-GigabitEthernet1/0/14
#
interface Ten-GigabitEthernet1/0/15
#
interface Ten-GigabitEthernet1/0/16
#
interface Ten-GigabitEthernet1/0/17
#
interface Ten-GigabitEthernet1/0/18
#
interface Ten-GigabitEthernet1/0/19
#
interface Ten-GigabitEthernet1/0/20
#
interface Ten-GigabitEthernet1/0/21
#
interface Ten-GigabitEthernet1/0/22
#
interface Ten-GigabitEthernet1/0/23
description EMC-TEST
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 untagged
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/24
description IBM-TEST
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/25
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/26
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
```

```

qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/27 //连接服务器
port link-type hybrid
port hybrid vlan 10 tagged //vlan10 fcoe报文，服务器到存储的报文
port hybrid vlan 1 200 untagged //vlan 200 普通ip报文，前端到服务器的报文
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/28
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/29 //连接存储
description EMC VMAXe 2G:0
port link-type hybrid
port hybrid vlan 10 tagged //vlan10 fcoe报文，存储到服务器的报文
port hybrid vlan 1 untagged
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/30
description EMC VMAXe 2H:0
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 untagged
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/31
description styrrac 1-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp

```

```
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/32
description styrrac 2-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/33
description xyrraca 1-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/34
description xyrraca 2-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/35
description xyrracb 1-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/36
description xyrracb 2-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
```

```
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/37
description xjyrracc 1-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/38
description xjyrracc 2-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/39
description HP DL980 1-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/40
description HP DL980 1-2
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/41
description HP DL980 2-1
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
```

```
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/42
description HP DL980 2-2
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet1/0/43
description To DC-S12508-CS-01 XGE2/0/9
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 200 2000
port link-aggregation group 1
#
interface Ten-GigabitEthernet1/0/44
description To DC-S12508-CS-02 XGE2/0/9
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 200 2000
port link-aggregation group 1
#
interface Ten-GigabitEthernet2/0/1
port access vlan 3000
undo stp enable
#
interface Ten-GigabitEthernet2/0/2
#
interface Ten-GigabitEthernet2/0/3
#
interface Ten-GigabitEthernet2/0/4
#
interface Ten-GigabitEthernet2/0/5
#
interface Ten-GigabitEthernet2/0/6
#
interface Ten-GigabitEthernet2/0/7
#
interface Ten-GigabitEthernet2/0/8
#
interface Ten-GigabitEthernet2/0/9
#
interface Ten-GigabitEthernet2/0/10
#
interface Ten-GigabitEthernet2/0/11
#
interface Ten-GigabitEthernet2/0/12
#
interface Ten-GigabitEthernet2/0/13
#
interface Ten-GigabitEthernet2/0/14
#
interface Ten-GigabitEthernet2/0/15
#
interface Ten-GigabitEthernet2/0/16
#
interface Ten-GigabitEthernet2/0/17
#
interface Ten-GigabitEthernet2/0/18
#
interface Ten-GigabitEthernet2/0/19
#
interface Ten-GigabitEthernet2/0/20
#
interface Ten-GigabitEthernet2/0/21
#
interface Ten-GigabitEthernet2/0/22
#
interface Ten-GigabitEthernet2/0/23
description EMC-TEST
port link-type hybrid
port hybrid vlan 10 20 tagged
port hybrid vlan 1 untagged
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
```

```
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/24
description IBM-TEST
port link-type hybrid
port hybrid vlan 10 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/25
port link-type hybrid
port hybrid vlan 10 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/26
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/27
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/28
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
```

```
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/29
description EMC VMAXe 1G:0
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 untagged
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/30
description EMC VMAXe 1H:0
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 untagged
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/31
description styrrac 1-2
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/32
description styrrac 2-2
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/33
description xyrraca 1-2
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
```

```

interface Ten-GigabitEthernet2/0/34
description xjyyraca 2-2
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/35
description xjyyracb 1-2
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/36
description xjyyracb 2-2
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/37
description xjyyracc 1-2
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/38
description xjyyracc 2-2
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#

```

```

interface Ten-GigabitEthernet2/0/39
description HP DL980 1-3
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/40
description HP DL980 1-4
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/41
description HP DL980 2-3
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/42
description HP DL980 2-4
port link-type hybrid
port hybrid vlan 20 tagged
port hybrid vlan 1 200 untagged
port hybrid pvid vlan 200
priority-flow-control auto
priority-flow-control no-drop dot1p 3
lldp tlv-enable dot1-tlv dcbx
qos trust dot1p
qos wrr af1 group 1 byte-count 1
qos wrr af2 group sp
qos wrr af3 group sp
qos wrr af4 group sp
qos wrr ef group sp
qos wrr cs6 group sp
qos wrr cs7 group sp
qos apply policy DCBX outbound
#
interface Ten-GigabitEthernet2/0/43
description To DC-S12508-CS-01 XGE2/0/10
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 200 2000
port link-aggregation group 1
#
interface Ten-GigabitEthernet2/0/44
description To DC-S12508-CS-02 XGE2/0/10
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 200 2000
port link-aggregation group 1
#
interface Ten-GigabitEthernet1/0/45
#
interface Ten-GigabitEthernet1/0/46
#
interface Ten-GigabitEthernet1/0/47

```

```
#
interface Ten-GigabitEthernet1/0/48
#
interface Ten-GigabitEthernet2/0/45
#
interface Ten-GigabitEthernet2/0/46
#
interface Ten-GigabitEthernet2/0/47
#
interface Ten-GigabitEthernet2/0/48
#
interface Vfc123
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/23
#
interface Vfc124
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/24
#
interface Vfc125
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/25
#
interface Vfc126
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/26
#
interface Vfc127
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/27
#
interface Vfc128
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/28
#
interface Vfc129
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/29
#
interface Vfc130
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/30
#
interface Vfc131
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/31
#
interface Vfc132
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/32
#
interface Vfc133
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/33
#
interface Vfc134
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/34
#
interface Vfc135
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/35
#
interface Vfc136
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/36
#
interface Vfc137
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/37
#
interface Vfc138
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/38
#
interface Vfc139
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/39
#
interface Vfc140
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/40
#
interface Vfc141
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/41
#
interface Vfc142
  port trunk vsan 10
  bind interface Ten-GigabitEthernet1/0/42
#
interface Vfc223
  port trunk vsan 20
  bind interface Ten-GigabitEthernet2/0/23
#
interface Vfc224
  port trunk vsan 20
```

```
bind interface Ten-GigabitEthernet2/0/24
#
interface Vfc225
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/25
#
interface Vfc226
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/26
#
interface Vfc227
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/27
#
interface Vfc228
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/28
#
interface Vfc229
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/29
#
interface Vfc230
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/30
#
interface Vfc231
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/31
#
interface Vfc232
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/32
#
interface Vfc233
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/33
#
interface Vfc234
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/34
#
interface Vfc235
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/35
#
interface Vfc236
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/36
#
interface Vfc237
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/37
#
interface Vfc238
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/38
#
interface Vfc239
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/39
#
interface Vfc240
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/40
#
interface Vfc241
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/41
#
interface Vfc242
port trunk vsan 20
bind interface Ten-GigabitEthernet2/0/42
#
scheduler logfile size 16
#
user-interface aux 0 1
user-role network-admin
#
user-interface vty 0 4
authentication-mode scheme
user-role network-operator
#
user-interface vty 5 15
user-role network-operator
#
ip route-static 0.0.0.0 0 10.108.11.33
#
acl number 4000 name DCBX
rule 0 permit type 8906 ffff
rule 5 permit type 8914 ffff
#
radius scheme system
user-name-format without-domain
#
domain system
#
```

```
domain default enable system
#
role name level-0
description Predefined level-0 role
#
role name level-1
description Predefined level-1 role
#
role name level-2
description Predefined level-2 role
#
role name level-3
description Predefined level-3 role
#
role name level-4
description Predefined level-4 role
#
role name level-5
description Predefined level-5 role
#
role name level-6
description Predefined level-6 role
#
role name level-7
description Predefined level-7 role
#
role name level-8
description Predefined level-8 role
#
role name level-9
description Predefined level-9 role
#
role name level-10
description Predefined level-10 role
#
role name level-11
description Predefined level-11 role
#
role name level-12
description Predefined level-12 role
#
role name level-13
description Predefined level-13 role
#
role name level-14
description Predefined level-14 role
#
user-group system
#
local-user admin class manage
password hash $h$6$OCj79cLvtxGwsfeN$nLAvC22zGTQilXa+gpnde0o48TXNm//hk7VFbqn1o0OnYq
ilI17ATYIX30G6pjeOBVd2AT3Npu2dgmMuyzhXOg==
service-type telnet terminal
authorization-attribute user-role network-operator
authorization-attribute user-role network-admin
#
return
dis fc ?
    domain          Domain configuration
    domain-list      Domain IDs of the switches in one or all Virtual Storage Area
                    Networks(VSANS)
    ess              Result of Exchange Switch Support
    exchange          FC exchange information
    fib              FIB status and configuration information
    login            FC login information
    name-service      Name services
    routing-table     Fiber Channel (FC) routing table
    scr-table         SCR table
    timer            FC timer information

dis fc login
Interface VSAN FCID      Node WWN                Port WWN
Vfc126 10 0xae0012 20:00:02:00:c9:05:70:81 10:00:02:00:c9:05:70:81 //vfc名称最好和物理接口相对应，便于查看。
Vfc127 10 0xae0000 20:00:02:00:c9:07:22:0d 10:00:02:00:c9:07:22:0d
Vfc128 10 0xae0001 20:00:02:00:c9:07:23:bd 10:00:02:00:c9:07:23:bd
Vfc129 10 0xae0003 50:00:09:79:10:01:40:00 50:00:09:79:10:01:41:84
Vfc130 10 0xae000e 50:00:09:79:10:01:40:00 50:00:09:79:10:01:41:c4
Vfc131 10 0xae0005 21:00:00:21:5e:e2:89:bd 21:00:00:21:5e:e2:89:bd
Vfc132 10 0xae0006 21:00:00:21:5e:e2:89:59 21:00:00:21:5e:e2:89:59
Vfc133 10 0xae0007 21:00:00:21:5e:e2:88:c9 21:00:00:21:5e:e2:88:c9
Vfc134 10 0xae0008 21:00:00:21:5e:e2:8e:05 21:00:00:21:5e:e2:8e:05
Vfc135 10 0xae0009 21:00:00:21:5e:e2:89:4d 21:00:00:21:5e:e2:89:4d
Vfc136 10 0xae000a 21:00:00:21:5e:e2:8b:3d 21:00:00:21:5e:e2:8b:3d
Vfc137 10 0xae000b 21:00:00:21:5e:e2:89:79 21:00:00:21:5e:e2:89:79
Vfc138 10 0xae000c 21:00:00:21:5e:e2:57:55 21:00:00:21:5e:e2:57:55
Vfc139 10 0xae000d 20:00:2c:76:8a:82:24:91 10:00:2c:76:8a:82:24:91
Vfc140 10 0xae000f 20:00:2c:76:8a:82:25:3d 10:00:2c:76:8a:82:25:3d
Vfc141 10 0xae0010 20:00:2c:76:8a:82:24:95 10:00:2c:76:8a:82:24:95
Vfc142 10 0xae0011 20:00:2c:76:8a:82:25:39 10:00:2c:76:8a:82:25:39
Vfc227 20 0x6b0001 20:00:02:00:c9:07:22:0f 10:00:02:00:c9:07:22:0f
Vfc228 20 0x6b0000 20:00:02:00:c9:07:23:bf 10:00:02:00:c9:07:23:bf
Vfc229 20 0x6b0002 50:00:09:79:10:01:40:00 50:00:09:79:10:01:41:80
Vfc230 20 0x6b000d 50:00:09:79:10:01:40:00 50:00:09:79:10:01:41:c0
Vfc231 20 0x6b0004 21:00:00:21:5e:e2:89:bf 21:00:00:21:5e:e2:89:bf
Vfc232 20 0x6b0005 21:00:00:21:5e:e2:89:5b 21:00:00:21:5e:e2:89:5b
```

```
Vfc233 20 0x6b0006 21:00:00:21:5e:e2:88:cb 21:00:00:21:5e:e2:88:cb
Vfc234 20 0x6b0007 21:00:00:21:5e:e2:8e:07 21:00:00:21:5e:e2:8e:07
Vfc235 20 0x6b0008 21:00:00:21:5e:e2:89:4f 21:00:00:21:5e:e2:89:4f
Vfc236 20 0x6b0009 21:00:00:21:5e:e2:8b:3f 21:00:00:21:5e:e2:8b:3f
Vfc237 20 0x6b000b 21:00:00:21:5e:e2:89:7b 21:00:00:21:5e:e2:89:7b
Vfc238 20 0x6b000a 21:00:00:21:5e:e2:57:57 21:00:00:21:5e:e2:57:57
Vfc239 20 0x6b000c 20:00:2c:76:8a:82:25:25 10:00:2c:76:8a:82:25:25
Vfc240 20 0x6b000f 20:00:2c:76:8a:82:24:a9 10:00:2c:76:8a:82:24:a9
Vfc241 20 0x6b000e 20:00:2c:76:8a:82:25:21 10:00:2c:76:8a:82:25:21
Vfc242 20 0x6b0010 20:00:2c:76:8a:82:24:ad 10:00:2c:76:8a:82:24:ad
```

dis fc name-service database

VSAN: 10

FCID	Type	PWWN(vendor)	FC4-type:feature
0xae0000	0x01(N)	10:00:02:00:c9:07:22:0d	SCSI-FCP:Initiator
0xae0001	0x01(N)	10:00:02:00:c9:07:23:bd	SCSI-FCP:Initiator
0xae0003	0x01(N)	50:00:09:79:10:01:41:84	SCSI-FCP:Initiator/Target
0xae0005	0x01(N)	21:00:00:21:5e:e2:89:bd	SCSI-FCP:Initiator
0xae0006	0x01(N)	21:00:00:21:5e:e2:89:59	SCSI-FCP:Initiator
0xae0007	0x01(N)	21:00:00:21:5e:e2:88:c9	SCSI-FCP:Initiator
0xae0008	0x01(N)	21:00:00:21:5e:e2:8e:05	SCSI-FCP:Initiator
0xae0009	0x01(N)	21:00:00:21:5e:e2:89:4d	SCSI-FCP:Initiator
0xae000a	0x01(N)	21:00:00:21:5e:e2:8b:3d	SCSI-FCP:Initiator
0xae000b	0x01(N)	21:00:00:21:5e:e2:89:79	SCSI-FCP:Initiator
0xae000c	0x01(N)	21:00:00:21:5e:e2:57:55	SCSI-FCP:Initiator
0xae000d	0x01(N)	10:00:2c:76:8a:82:24:91	SCSI-FCP:Initiator
0xae000e	0x01(N)	50:00:09:79:10:01:41:c4	SCSI-FCP:Initiator/Target
0xae000f	0x01(N)	10:00:2c:76:8a:82:25:3d	SCSI-FCP:Initiator
0xae0010	0x01(N)	10:00:2c:76:8a:82:24:95	SCSI-FCP:Initiator
0xae0011	0x01(N)	10:00:2c:76:8a:82:25:39	SCSI-FCP:Initiator
0xae0012	0x01(N)	10:00:02:00:c9:05:70:81	SCSI-FCP:Initiator

VSAN: 20

FCID	Type	PWWN(vendor)	FC4-type:feature
0x6b0000	0x01(N)	10:00:02:00:c9:07:23:bf	SCSI-FCP:Initiator
0x6b0001	0x01(N)	10:00:02:00:c9:07:22:0f	SCSI-FCP:Initiator
0x6b0002	0x01(N)	50:00:09:79:10:01:41:80	SCSI-FCP:Initiator/Target
0x6b0004	0x01(N)	21:00:00:21:5e:e2:89:bf	SCSI-FCP:Initiator
0x6b0005	0x01(N)	21:00:00:21:5e:e2:89:5b	SCSI-FCP:Initiator
0x6b0006	0x01(N)	21:00:00:21:5e:e2:88:cb	SCSI-FCP:Initiator
0x6b0007	0x01(N)	21:00:00:21:5e:e2:8e:07	SCSI-FCP:Initiator
0x6b0008	0x01(N)	21:00:00:21:5e:e2:89:4f	SCSI-FCP:Initiator
0x6b0009	0x01(N)	21:00:00:21:5e:e2:8b:3f	SCSI-FCP:Initiator
0x6b000a	0x01(N)	21:00:00:21:5e:e2:57:57	SCSI-FCP:Initiator
0x6b000b	0x01(N)	21:00:00:21:5e:e2:89:7b	SCSI-FCP:Initiator
0x6b000c	0x01(N)	10:00:2c:76:8a:82:25:25	SCSI-FCP:Initiator
0x6b000d	0x01(N)	50:00:09:79:10:01:41:c0	SCSI-FCP:Initiator/Target
0x6b000e	0x01(N)	10:00:2c:76:8a:82:25:21	SCSI-FCP:Initiator
0x6b000f	0x01(N)	10:00:2c:76:8a:82:24:a9	SCSI-FCP:Initiator
0x6b0010	0x01(N)	10:00:2c:76:8a:82:24:ad	SCSI-FCP:Initiator

dis zoneset active

VSAN 1:

VSAN 10:

```
zoneset name vsan10
  zone name HP980-1-1_VMAX1
    *fcid 0xae0010 [pwwn 10:00:2c:76:8a:82:24:95]
    *fcid 0xae0003 [pwwn 50:00:09:79:10:01:41:84]
  zone name HP980-2-1_VMAX1
    *fcid 0xae000f [pwwn 10:00:2c:76:8a:82:25:3d]
    *fcid 0xae0003 [pwwn 50:00:09:79:10:01:41:84]
  zone name HP980-3-1_VMAX1
    *fcid 0xae000d [pwwn 10:00:2c:76:8a:82:24:91]
    *fcid 0xae0003 [pwwn 50:00:09:79:10:01:41:84]
  zone name HP980-4-1_VMAX1
    *fcid 0xae0011 [pwwn 10:00:2c:76:8a:82:25:39]
    *fcid 0xae0003 [pwwn 50:00:09:79:10:01:41:84]
  zone name RACA-1-1_VMAX2
    *fcid 0xae0007 [pwwn 21:00:00:21:5e:e2:88:c9]
    *fcid 0xae000e [pwwn 50:00:09:79:10:01:41:c4]
  zone name RACA-2-1_VMAX2
    *fcid 0xae0008 [pwwn 21:00:00:21:5e:e2:8e:05]
    *fcid 0xae000e [pwwn 50:00:09:79:10:01:41:c4]
  zone name RACB-1-1_VMAX2
    *fcid 0xae0009 [pwwn 21:00:00:21:5e:e2:89:4d]
    *fcid 0xae000e [pwwn 50:00:09:79:10:01:41:c4]
  zone name RACB-2-1_VMAX2
    *fcid 0xae000a [pwwn 21:00:00:21:5e:e2:8b:3d]
    *fcid 0xae000e [pwwn 50:00:09:79:10:01:41:c4]
  zone name RACC-1-1_VMAX2
    *fcid 0xae000b [pwwn 21:00:00:21:5e:e2:89:79]
    *fcid 0xae000e [pwwn 50:00:09:79:10:01:41:c4]
  zone name RACC-2-1_VMAX2
    *fcid 0xae000c [pwwn 21:00:00:21:5e:e2:57:55]
    *fcid 0xae000e [pwwn 50:00:09:79:10:01:41:c4]
  zone name STRAC-1-1_VMAX2
    *fcid 0xae0005 [pwwn 21:00:00:21:5e:e2:89:bd]
    *fcid 0xae000e [pwwn 50:00:09:79:10:01:41:c4]
  zone name STRAC-2-1_VMAX2
    *fcid 0xae0006 [pwwn 21:00:00:21:5e:e2:89:59]
    *fcid 0xae000e [pwwn 50:00:09:79:10:01:41:c4]
```

VSAN 20:

```
zoneset name vsan20
  zone name HP980-1-2_VMAX1
    *fcid 0x6b000e [pwwn 10:00:2c:76:8a:82:25:21]
```

*fcid 0x6b0002 [pwwn 50:00:09:79:10:01:41:80]
zone name HP980-2-2_VMAX1
*fcid 0x6b000f [pwwn 10:00:2c:76:8a:82:24:a9]
*fcid 0x6b0002 [pwwn 50:00:09:79:10:01:41:80]
zone name HP980-3-2_VMAX1
*fcid 0x6b000c [pwwn 10:00:2c:76:8a:82:25:25]
*fcid 0x6b0002 [pwwn 50:00:09:79:10:01:41:80]
zone name HP980-4-2_VMAX1
*fcid 0x6b0010 [pwwn 10:00:2c:76:8a:82:24:ad]
*fcid 0x6b0002 [pwwn 50:00:09:79:10:01:41:80]
zone name RACA-1-2_VMAX2
*fcid 0x6b0006 [pwwn 21:00:00:21:5e:e2:88:cb]
*fcid 0x6b000d [pwwn 50:00:09:79:10:01:41:c0]
zone name RACA-2-2_VMAX2
*fcid 0x6b0007 [pwwn 21:00:00:21:5e:e2:8e:07]
*fcid 0x6b000d [pwwn 50:00:09:79:10:01:41:c0]
zone name RACB-1-2_VMAX2
*fcid 0x6b0008 [pwwn 21:00:00:21:5e:e2:89:4f]
*fcid 0x6b000d [pwwn 50:00:09:79:10:01:41:c0]
zone name RACB-2-2_VMAX2
*fcid 0x6b0009 [pwwn 21:00:00:21:5e:e2:8b:3f]
*fcid 0x6b000d [pwwn 50:00:09:79:10:01:41:c0]
zone name RACC-1-2_VMAX2
*fcid 0x6b000b [pwwn 21:00:00:21:5e:e2:89:7b]
*fcid 0x6b000d [pwwn 50:00:09:79:10:01:41:c0]
zone name RACC-2-2_VMAX2
*fcid 0x6b000a [pwwn 21:00:00:21:5e:e2:57:57]
*fcid 0x6b000d [pwwn 50:00:09:79:10:01:41:c0]
zone name STRAC-1-2_VMAX2
*fcid 0x6b0004 [pwwn 21:00:00:21:5e:e2:89:bf]
*fcid 0x6b000d [pwwn 50:00:09:79:10:01:41:c0]
zone name STRAC-2-2_VMAX2
*fcid 0x6b0005 [pwwn 21:00:00:21:5e:e2:89:5b]
*fcid 0x6b000d [pwwn 50:00:09:79:10:01:41:c0]