

Sh spanning-tree active

VLAN0001

Spanning tree enabled protocol ieee

Root ID Priority 32769

Address 0001.C7CD.5BB1

Cost 9

Port 29(Port-channel1)

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority 32769 (priority 32768 sys-id-ext 1)

Address 0002.1789.94D7

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Aging Time 20

Interface Role Sts Cost Prio.Nbr Type

Po1 Root FWD 9 128.29 Shr

Po4 Desg FWD 9 128.31 Shr

Po5 Desg FWD 3 128.32 Shr

VLAN0100

Spanning tree enabled protocol ieee

Root ID Priority 24676

Address 0002.1789.94D7

This bridge is the root

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority 24676 (priority 24576 sys-id-ext 100)

Address 0002.1789.94D7

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Aging Time 20

Interface Role Sts Cost Prio.Nbr Type

Po4 Desg FWD 9 128.31 Shr

VLAN0200

Spanning tree enabled protocol ieee

Root ID Priority 28872

Address 0002.1789.94D7

This bridge is the root

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority 28872 (priority 28672 sys-id-ext 200)

Address 0002.1789.94D7

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
Aging Time 20

Interface Role Sts Cost Prio.Nbr Type

Po4 Desg FWD 9 128.31 Shr

VLAN0300

Spanning tree enabled protocol ieee

Root ID Priority 4396

Address 0002.1789.94D7

This bridge is the root

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority 4396 (priority 4096 sys-id-ext 300)

Address 0002.1789.94D7

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Aging Time 20

Interface Role Sts Cost Prio.Nbr Type

Po4 Desg FWD 9 128.31 Shr

VLAN0400

Spanning tree enabled protocol ieee

Root ID Priority 29072

Address 0002.1789.94D7

This bridge is the root

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority 29072 (priority 28672 sys-id-ext 400)

Address 0002.1789.94D7

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Aging Time 20

Interface Role Sts Cost Prio.Nbr Type

Po4 Desg FWD 9 128.31 Shr

VLAN0500

Spanning tree enabled protocol ieee

Root ID Priority 4596

Address 0002.1789.94D7

This bridge is the root

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority 4596 (priority 4096 sys-id-ext 500)

Address 0002.1789.94D7
Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
Aging Time 20

Interface Role Sts Cost Prio.Nbr Type

Po4 Desg FWD 9 128.31 Shr

VLAN0999
Spanning tree enabled protocol ieee
Root ID Priority 5095
Address 0002.1789.94D7
This bridge is the root
Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority 5095 (priority 4096 sys-id-ext 999)
Address 0002.1789.94D7
Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
Aging Time 20

Interface Role Sts Cost Prio.Nbr Type

Po4 Desg FWD 9 128.31 Shr

sh spanning-tree detail

VLAN0001 is executing the ieee compatible Spanning Tree Protocol
Bridge Identifier has priority of 32768, sysid 1, 0002.1789.94D7
Configured hello time 2, max age 20, forward delay 15
Current root has priority 32769
Root port is 29 (Port-channel1), cost of root path is 9
Topology change flag not set, detected flag not set
Number of topology changes 0 last change occurred 00:00:00 ago
from FastEthernet0/1
Times: hold 1, topology change 35, notification 2
hello 2, max age 20, forward delay 15
Timers: hello 0, topology change 0, notification 0, aging 300

Port 29 (Port-channel1) of VLAN0001 is root forwarding
Port path cost 9, Port priority 128, Port Identifier 128.29
Designated root has priority 32769, address 0001.C7CD.5BB1
Designated bridge has priority 32769, address 0001.C7CD.5BB1

Timers: message age 16, forward delay 0, hold 0
Number of transitions to forwarding state: 1
Link type is shared by default
BPDU: sent 20, received 726

Port 31 (Port-channel4) of VLAN0001 is designated forwarding
Port path cost 9, Port priority 128, Port Identifier 128.31
Designated root has priority 32769, address 0001.C7CD.5BB1
Designated bridge has priority 32769, address 0002.1789.94D7
Designated port id is 128.31, designated path cost 9
Timers: message age 16, forward delay 0, hold 0
Number of transitions to forwarding state: 1
Link type is shared by default
BPDU: sent 20, received 726

Port 32 (Port-channel5) of VLAN0001 is designated forwarding
Port path cost 3, Port priority 128, Port Identifier 128.32
Designated root has priority 32769, address 0001.C7CD.5BB1
Designated bridge has priority 32769, address 0002.1789.94D7
Designated port id is 128.32, designated path cost 3
Timers: message age 16, forward delay 0, hold 0
Number of transitions to forwarding state: 1
Link type is shared by default
BPDU: sent 20, received 726

VLAN0100 is executing the ieee compatible Spanning Tree Protocol
Bridge Identifier has priority of 24576, sysid 100, 0002.1789.94D7
Configured hello time 2, max age 20, forward delay 15
We are the root of the spanning tree
Topology change flag not set, detected flag not set
Number of topology changes 0 last change occurred 00:00:00 ago
from FastEthernet0/1
Times: hold 1, topology change 35, notification 2
hello 2, max age 20, forward delay 15
Timers: hello 0, topology change 0, notification 0, aging 300

Port 31 (Port-channel4) of VLAN0100 is designated forwarding
Port path cost 9, Port priority 128, Port Identifier 128.31
Designated root has priority 24676, address 0002.1789.94D7
Designated bridge has priority 24676, address 0002.1789.94D7
Designated port id is 128.31, designated path cost 9
Timers: message age 16, forward delay 0, hold 0
Number of transitions to forwarding state: 1
Link type is shared by default
BPDU: sent 20, received 726

VLAN0200 is executing the ieee compatible Spanning Tree Protocol

Bridge Identifier has priority of 28672, sysid 200, 0002.1789.94D7
Configured hello time 2, max age 20, forward delay 15
We are the root of the spanning tree
Topology change flag not set, detected flag not set
Number of topology changes 0 last change occurred 00:00:00 ago
from FastEthernet0/1
Times: hold 1, topology change 35, notification 2
hello 2, max age 20, forward delay 15
Timers: hello 0, topology change 0, notification 0, aging 300

Port 31 (Port-channel4) of VLAN0200 is designated forwarding
Port path cost 9, Port priority 128, Port Identifier 128.31
Designated root has priority 28872, address 0002.1789.94D7
Designated bridge has priority 28872, address 0002.1789.94D7
Designated port id is 128.31, designated path cost 9
Timers: message age 16, forward delay 0, hold 0
Number of transitions to forwarding state: 1
Link type is shared by default
BPDU: sent 20, received 726

VLAN0300 is executing the ieee compatible Spanning Tree Protocol
Bridge Identifier has priority of 4096, sysid 300, 0002.1789.94D7
Configured hello time 2, max age 20, forward delay 15
We are the root of the spanning tree
Topology change flag not set, detected flag not set
Number of topology changes 0 last change occurred 00:00:00 ago
from FastEthernet0/1
Times: hold 1, topology change 35, notification 2
hello 2, max age 20, forward delay 15
Timers: hello 0, topology change 0, notification 0, aging 300

Port 31 (Port-channel4) of VLAN0300 is designated forwarding
Port path cost 9, Port priority 128, Port Identifier 128.31
Designated root has priority 4396, address 0002.1789.94D7
Designated bridge has priority 4396, address 0002.1789.94D7
Designated port id is 128.31, designated path cost 9
Timers: message age 16, forward delay 0, hold 0
Number of transitions to forwarding state: 1
Link type is shared by default
BPDU: sent 20, received 726

VLAN0400 is executing the ieee compatible Spanning Tree Protocol
Bridge Identifier has priority of 28672, sysid 400, 0002.1789.94D7
Configured hello time 2, max age 20, forward delay 15
We are the root of the spanning tree
Topology change flag not set, detected flag not set
Number of topology changes 0 last change occurred 00:00:00 ago

from FastEthernet0/1

Times: hold 1, topology change 35, notification 2

hello 2, max age 20, forward delay 15

Timers: hello 0, topology change 0, notification 0, aging 300

Port 31 (Port-channel4) of VLAN0400 is designated forwarding

Port path cost 9, Port priority 128, Port Identifier 128.31

Designated root has priority 29072, address 0002.1789.94D7

Designated bridge has priority 29072, address 0002.1789.94D7

Designated port id is 128.31, designated path cost 9

Timers: message age 16, forward delay 0, hold 0

Number of transitions to forwarding state: 1

Link type is shared by default

BPDUs: sent 20, received 726

VLAN0500 is executing the IEEE compatible Spanning Tree Protocol

Bridge Identifier has priority of 4096, sysid 500, 0002.1789.94D7

Configured hello time 2, max age 20, forward delay 15

We are the root of the spanning tree

Topology change flag not set, detected flag not set

Number of topology changes 0 last change occurred 00:00:00 ago

from FastEthernet0/1

Times: hold 1, topology change 35, notification 2

hello 2, max age 20, forward delay 15

Timers: hello 0, topology change 0, notification 0, aging 300

Port 31 (Port-channel4) of VLAN0500 is designated forwarding

Port path cost 9, Port priority 128, Port Identifier 128.31

Designated root has priority 4596, address 0002.1789.94D7

Designated bridge has priority 4596, address 0002.1789.94D7

Designated port id is 128.31, designated path cost 9

Timers: message age 16, forward delay 0, hold 0

Number of transitions to forwarding state: 1

Link type is shared by default

BPDUs: sent 20, received 726

VLAN0999 is executing the IEEE compatible Spanning Tree Protocol

Bridge Identifier has priority of 4096, sysid 999, 0002.1789.94D7

Configured hello time 2, max age 20, forward delay 15

We are the root of the spanning tree

Topology change flag not set, detected flag not set

Number of topology changes 0 last change occurred 00:00:00 ago

from FastEthernet0/1

Times: hold 1, topology change 35, notification 2

hello 2, max age 20, forward delay 15

Timers: hello 0, topology change 0, notification 0, aging 300

Port 31 (Port-channel4) of VLAN0999 is designated forwarding
Port path cost 9, Port priority 128, Port Identifier 128.31
Designated root has priority 5095, address 0002.1789.94D7
Designated bridge has priority 5095, address 0002.1789.94D7
Designated port id is 128.31, designated path cost 9
Timers: message age 16, forward delay 0, hold 0
Number of transitions to forwarding state: 1
Link type is shared by default
BPDU: sent 20, received 726

sh spanning-tree summary

Switch is in pvst mode
Root bridge for: Afdeling1 Afdeling2 Administratie onderzoek MGMT native-do-not-use
Extended system ID is enabled
Portfast Default is disabled
PortFast BPDU Guard Default is disabled
Portfast BPDU Filter Default is disabled
Loopguard Default is disabled
EtherChannel misconfig guard is disabled
UplinkFast is disabled
BackboneFast is disabled
Configured Pathcost method used is short

Name Blocking Listening Learning Forwarding STP Active

VLAN0001 0 0 0 11 11
VLAN0100 0 0 0 4 4
VLAN0200 0 0 0 4 4
VLAN0300 0 0 0 4 4
VLAN0400 0 0 0 4 4
VLAN0500 0 0 0 4 4
VLAN0999 0 0 0 4 4

7 vlans 0 0 0 35 35