

show running-config

Current configuration : 6094 bytes

```
version 12.2
no service pad
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption

hostname Backbone-Switch

no logging buffered
no logging console
no logging monitor
enable secret 5 $1$X.15$3g7iCV5D8aP5Fc3Qkm/ky.
enable password cisco

no aaa new-model
ip subnet-zero
ip routing
ip dhcp excluded-address 10.2.1.0

ip dhcp pool DHCP_POOL_20
network 10.2.1.0 255.255.255.0
default-router 10.2.1.1

ipv6 unicast-routing

crypto pki trustpoint TP-self-signed-1100009600
enrollment selfsigned
subject-name cn=IOS-Self-Signed-Certificate-1100009600
revocation-check none
rsakeypair TP-self-signed-1100009600

crypto pki certificate chain TP-self-signed-1100009600
certificate self-signed 01
30820248 308201B1 A0030201 02020101 300D0609 2A864886 F70D0101 04050030
31312F30 2D060355 04031326 494F532D 53656C66 2D536967 6E65642D 43657274
69666963 6174652D 31313030 30303936 3030301E 170D3933 30333031 30303031
31365A17 0D323030 31303130 30303030 305A3031 312F302D 06035504 03132649
4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D31 31303030
30393630 3030819F 300D0609 2A864886 F70D0101 01050003 818D0030 81890281
8100B6B0 BA9A77BE 69ECA6E1 D2019E5D A844E87F 691CD86B 3800027B 5D52D572
ECC10191 BC35EC5F 6C77437E 8C07FA2A 957DDCFF F42AA948 57A3484A 8EEF3346
80DCF42F C911927A 33D7F5BC 68D1D07E 45FA0280 3F18A567 50929214 01C65B9B
7C174589 8E96FDAF CA83F2C1 F3D5F8A6 CEC54D11 5251E1B1 44AD9F93 A7984257
8B910203 010001A3 70306E30 0F060355 1D130101 FF040530 030101FF 301B0603
551D1104 14301282 10426163 6B626F6E 652D5377 69746368 2E301F06 03551D23
04183016 80142F16 51674E23 1914832B 7883E4E7 1D8EB456 EB94301D 0603551D
0E041604 142F1651 674E2319 14832B78 83E4E71D 8EB456EB 94300D06 092A8648
86F70D01 01040500 03818100 8C9A1474 6DB1252C BAE782C6 090F2D7E C53AB40D
8B3EF066 A3FBFF97 EDD00088 6B445DCE 15B6316C 146ABAA3 3E6B399E 31E5AC05
A488C83A E34C8D27 4A1304F6 411BD0A4 2A7B24EC CA4AD5A2 A53694A2 BEE422DC
C05D5711 7D7915BA 3D343247 E6F508B0 7AB344AF 14AB6FA3 2527552A 26B46885
7C19D9DD 75D456A7 9A559066
quit

spanning-tree mode pvst
spanning-tree extend system-id

vlan internal allocation policy ascending

interface FastEthernet0/1
switchport trunk encapsulation dot1q
switchport mode dynamic desirable

interface FastEthernet0/2
switchport trunk encapsulation dot1q
switchport mode dynamic desirable

interface FastEthernet0/3
switchport mode dynamic desirable

interface FastEthernet0/4
switchport mode dynamic desirable
```

```
interface FastEthernet0/5
switchport mode dynamic desirable

interface FastEthernet0/6
switchport mode dynamic desirable

interface FastEthernet0/7
switchport mode dynamic desirable

interface FastEthernet0/8
switchport mode dynamic desirable

interface FastEthernet0/9
switchport mode dynamic desirable

interface FastEthernet0/10
switchport mode dynamic desirable

interface FastEthernet0/11
switchport mode dynamic desirable

interface FastEthernet0/12
switchport mode dynamic desirable

interface FastEthernet0/13
switchport mode dynamic desirable

interface FastEthernet0/14
switchport mode dynamic desirable

interface FastEthernet0/15
switchport mode dynamic desirable

interface FastEthernet0/16
switchport mode dynamic desirable

interface FastEthernet0/17
switchport mode dynamic desirable

interface FastEthernet0/18
switchport mode dynamic desirable

interface FastEthernet0/19
switchport mode dynamic desirable

interface FastEthernet0/20
switchport mode dynamic desirable

interface FastEthernet0/21
switchport mode dynamic desirable

interface FastEthernet0/22
switchport mode dynamic desirable

interface FastEthernet0/23
switchport mode dynamic desirable

interface FastEthernet0/24
switchport mode dynamic desirable

interface FastEthernet0/25
switchport mode dynamic desirable

interface FastEthernet0/26
switchport mode dynamic desirable

interface FastEthernet0/27
switchport mode dynamic desirable

interface FastEthernet0/28
switchport mode dynamic desirable

interface FastEthernet0/29
switchport mode dynamic desirable

interface FastEthernet0/30
```

```
switchport mode dynamic desirable

interface FastEthernet0/31
switchport mode dynamic desirable

interface FastEthernet0/32
switchport mode dynamic desirable

interface FastEthernet0/33
switchport mode dynamic desirable

interface FastEthernet0/34
switchport mode dynamic desirable

interface FastEthernet0/35
switchport mode dynamic desirable

interface FastEthernet0/36
switchport mode dynamic desirable

interface FastEthernet0/37
switchport mode dynamic desirable

interface FastEthernet0/38
switchport mode dynamic desirable

interface FastEthernet0/39
switchport mode dynamic desirable

interface FastEthernet0/40
switchport mode dynamic desirable

interface FastEthernet0/41
switchport mode dynamic desirable

interface FastEthernet0/42
switchport mode dynamic desirable

interface FastEthernet0/43
switchport mode dynamic desirable

interface FastEthernet0/44
switchport mode dynamic desirable

interface FastEthernet0/45
switchport mode dynamic desirable

interface FastEthernet0/46
switchport mode dynamic desirable

interface FastEthernet0/47
switchport mode dynamic desirable

interface FastEthernet0/48
switchport mode dynamic desirable

interface GigabitEthernet0/1
switchport mode dynamic desirable

interface GigabitEthernet0/2
switchport mode dynamic desirable

interface Vlan1
ip address 10.0.0.1 255.255.255.0
ipv6 enable

interface Vlan10
ip address 10.1.1.1 255.255.255.0
ipv6 address 2A00:EB0:100::1/64
ipv6 enable

interface Vlan20
ip address 10.2.1.1 255.255.255.0
ipv6 address 2A00:EB0:20::1/64
ipv6 enable

router rip
```

```
version 2
network 10.0.0.0
no auto-summary

ip classless
ip route 0.0.0.0 0.0.0.0 Vlan1
ip http server
ip http secure-server

control-plane

banner motd ^CLOGOFF! SWITCH USED BY FABRIZIO TOMASETTI UNTIL 15:05 1.3.2017!^C

line con 0
line vty 0 4
login
line vty 5 15
login

end
```

show ip route

Codes: C - connected, S - static, R - RIP, M - mobile, B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2
i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
ia - IS-IS inter area, * - candidate default, U - per-user static route
o - ODR, P - periodic downloaded static route

Gateway of last resort is not set

show ipv6 route

```
IPv6 Routing Table - Default - 1 entries
Codes: C - Connected, L - Local, S - Static, U - Per-user Static route
R - RIP
L FF00::/8 [0/0]
via Null0, receive
```

show ip int brief

```
Interface IP-Address OK? Method Status Protocol
Vlan1 10.0.0.1 YES manual up down
Vlan10 10.1.1.1 YES manual up down
Vlan20 10.2.1.1 YES manual up down
FastEthernet0/1 unassigned YES unset down down
FastEthernet0/2 unassigned YES unset down down
FastEthernet0/3 unassigned YES unset down down
FastEthernet0/4 unassigned YES unset down down
FastEthernet0/5 unassigned YES unset down down
FastEthernet0/6 unassigned YES unset down down
FastEthernet0/7 unassigned YES unset down down
FastEthernet0/8 unassigned YES unset down down
FastEthernet0/9 unassigned YES unset down down
FastEthernet0/10 unassigned YES unset down down
FastEthernet0/11 unassigned YES unset down down
FastEthernet0/12 unassigned YES unset down down
FastEthernet0/13 unassigned YES unset down down
FastEthernet0/14 unassigned YES unset down down
FastEthernet0/15 unassigned YES unset down down
FastEthernet0/16 unassigned YES unset down down
FastEthernet0/17 unassigned YES unset down down
FastEthernet0/18 unassigned YES unset down down
FastEthernet0/19 unassigned YES unset down down
FastEthernet0/20 unassigned YES unset down down
FastEthernet0/21 unassigned YES unset down down
FastEthernet0/22 unassigned YES unset down down
FastEthernet0/23 unassigned YES unset down down
FastEthernet0/24 unassigned YES unset down down
FastEthernet0/25 unassigned YES unset down down
FastEthernet0/26 unassigned YES unset down down
FastEthernet0/27 unassigned YES unset down down
FastEthernet0/28 unassigned YES unset down down
FastEthernet0/29 unassigned YES unset down down
FastEthernet0/30 unassigned YES unset down down
FastEthernet0/31 unassigned YES unset down down
FastEthernet0/32 unassigned YES unset down down
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FastEthernet0/35 unassigned YES unset down down
FastEthernet0/36 unassigned YES unset down down
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FastEthernet0/41 unassigned YES unset down down
FastEthernet0/42 unassigned YES unset down down
FastEthernet0/43 unassigned YES unset down down
FastEthernet0/44 unassigned YES unset down down
FastEthernet0/45 unassigned YES unset down down
FastEthernet0/46 unassigned YES unset down down
FastEthernet0/47 unassigned YES unset down down
FastEthernet0/48 unassigned YES unset down down
GigabitEthernet0/1 unassigned YES unset down down
GigabitEthernet0/2 unassigned YES unset down down
```

show ipv6 int brief

```
Vlan1 [up/down]
FE80::20A:41FF:FE90:D080
Vlan10 [up/down]
FE80::20A:41FF:FE90:D080
2A00:EB0:100::1
Vlan20 [up/down]
FE80::20A:41FF:FE90:D080
2A00:EB0:20::1
FastEthernet0/1 [down/down]
unassigned
FastEthernet0/2 [down/down]
unassigned
FastEthernet0/3 [down/down]
unassigned
FastEthernet0/4 [down/down]
unassigned
FastEthernet0/5 [down/down]
unassigned
FastEthernet0/6 [down/down]
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FastEthernet0/7 [down/down]
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FastEthernet0/8 [down/down]
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FastEthernet0/33 [down/down]
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FastEthernet0/34 [down/down]
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FastEthernet0/41 [down/down]
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FastEthernet0/42 [down/down]
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FastEthernet0/43 [down/down]
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FastEthernet0/44 [down/down]
unassigned
FastEthernet0/45 [down/down]
unassigned
FastEthernet0/46 [down/down]
unassigned
FastEthernet0/47 [down/down]
unassigned
FastEthernet0/48 [down/down]
unassigned
GigabitEthernet0/1 [down/down]
unassigned
GigabitEthernet0/2 [down/down]
unassigned
```

show cdp neighbors

Capability Codes: R - Router, T - Trans Bridge, B - Source Route Bridge
S - Switch, H - Host, I - IGMP, r - Repeater, P - Phone

Device ID Local Intrfce Holdtme Capability Platform Port ID

show ipv6 ospf 10

```
^  
% Invalid input detected at '^' marker.
```

show ipv6 ospf 10 neighbor

```
^  
% Invalid input detected at '^' marker.
```

show ip bgp summary

```
^  
% Invalid input detected at '^' marker.
```

show access-lists

show version

Cisco IOS Software, C3550 Software (C3550-IPBASEK9-M), Version 12.2(44)SE6, RELEASE SOFTWARE (fcl)
Copyright (c) 1986-2009 by Cisco Systems, Inc.
Compiled Mon 09-Mar-09 20:26 by gereddy
Image text-base: 0x00003000, data-base: 0x00EA3DB8

ROM: Bootstrap program is C3550 boot loader

Backbone-Switch uptime is 6 days, 5 hours, 4 minutes
System returned to ROM by power-on
System image file is "flash:/c3550-ipbasek9-mz.122-44.se6.bin"

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:
<http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to export@cisco.com.

Cisco WS-C3550-48 (PowerPC) processor (revision D0) with 65526K/8192K bytes of memory.
Processor board ID CAT0627X06V
Last reset from warm-reset
Running Layer2/3 Switching Image

Ethernet-controller 1 has 12 Fast Ethernet/IEEE 802.3 interfaces

Ethernet-controller 2 has 12 Fast Ethernet/IEEE 802.3 interfaces

Ethernet-controller 3 has 12 Fast Ethernet/IEEE 802.3 interfaces

Ethernet-controller 4 has 12 Fast Ethernet/IEEE 802.3 interfaces

Ethernet-controller 5 has 1 Gigabit Ethernet/IEEE 802.3 interface

Ethernet-controller 6 has 1 Gigabit Ethernet/IEEE 802.3 interface

48 FastEthernet interfaces
2 Gigabit Ethernet interfaces

The password-recovery mechanism is enabled.
384K bytes of flash-simulated NVRAM.
Base ethernet MAC Address: 00:0A:41:90:D0:80
Motherboard assembly number: 73-5701-06
Power supply part number: 34-0967-01
Motherboard serial number: CAT06260DHV
Power supply serial number: DAB06230U06
Model revision number: D0
Motherboard revision number: C0
Model number: WS-C3550-48-SMI
System serial number: CAT0627X06V
Configuration register is 0x10F