

# VCO 3600 Router Configuration

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## Introduction

The Cisco 3600 router allows communication between all devices in the SVX-4300. The 3600 router acts as the central communication path for the Host, IDTS, SS7 equipment, VCO, and the outside world.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

The information in this document applies to software version 11.3 and greater.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

### Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

## Configurations

Enter configuration commands, one per line. End with CNTL/Z.

3600 Router
<pre>Password: 3600ROUTER#show run Building configuration...  Current configuration: ! version 11.3 service timestamps debug uptime service timestamps log uptime no service password-encryption ! hostname 3600ROUTER</pre>

```
!  
enable secret 5 $1$gkrf$TBA7bR6xsC.fbwtjHIfE7/  
enable password admin  
!  
username cisco password 0 abc123  
ip subnet-zero  
ip nat pool nwt 216.190.165.51 216.190.165.62 netmask 255.255.255.240  
ip nat inside source static 192.168.250.3 216.190.165.51  
ip nat inside source static 192.168.250.4 216.190.165.52  
ip nat inside source static 192.168.250.5 216.190.165.53  
ip nat inside source static 192.168.251.5 216.190.165.54  
ip nat inside source static 192.168.250.7 216.190.165.55  
ip nat inside source static 192.168.251.7 216.190.165.56  
ip host host1a 192.168.250.3 255.255.255.240  
ip host 1924a 192.168.250.2 255.255.255.240  
ip host vcob 192.168.251.6 255.255.255.240  
ip host vcoa 192.168.250.6 255.255.255.240  
ip host moe 132.147.160.100  
ip host idta 192.168.250.5 255.255.255.240  
ip host idtb 192.168.251.5 255.255.255.240  
ip host winterm 192.168.252.2 255.255.255.252  
ip host 4300a 192.168.250.1 255.255.255.240  
ip host 4300b 192.168.251.1 255.255.255.240  
ip host ss7a 192.168.250.7 255.255.255.240  
ip host ss7b 192.168.251.7 255.255.255.240  
ip host 1924b 192.168.251.2 255.255.255.240  
ip host host1b 192.168.251.3 255.255.255.240  
ip host host2b 192.168.251.4 255.255.255.240  
ip host host2a 192.168.250.4 255.255.255.240  
!  
!  
!  
!  
process-max-time 200  
!  
interface Ethernet0/0  
description corporate network address  
ip address 216.190.165.50 255.255.255.240  
ip nat outside  
!  
interface Ethernet0/1  
description Primary network  
ip address 192.168.250.1 255.255.255.240  
ip nat inside  
!  
interface Ethernet0/2  
description Secondary network  
ip address 192.168.251.1 255.255.255.240  
ip nat inside  
!  
interface Ethernet0/3  
description Wyse network  
ip address 192.168.252.1 255.255.255.252  
!  
interface Group-Async1  
no ip address  
encapsulation ppp  
no peer default ip address  
group-range 33 48  
!  
interface Group-Async2  
ip unnumbered Ethernet0/0  
encapsulation ppp  
ip tcp header-compression passive  
async dynamic address  
async dynamic routing
```

```

async mode interactive
peer default ip address pool setup_pool
ppp authentication chap pap
group-range 65 72
!
no ip classless
ip route 0.0.0.0 0.0.0.0 216.190.165.49
!
dialer-list 1 protocol ip permit
!
line con 0
password admin
line 33 48
password admin
autoselect during-login
autoselect ppp
login local
modem DTR-active
transport input all
stopbits 1
flowcontrol hardware
line 65 72
password admin
autoselect during-login
autoselect ppp
login local
modem Dialin
flowcontrol hardware
line aux 0
password admin
login
line vty 0 4
password admin
login
!
end
3600ROUTER#conf t

```

Help may be requested at any point in a command by entering a question mark '?'. If nothing matches, the help list will be empty and you must backup until entering a '?' shows the available options.

```
3600ROUTER(config)#help
```

Two styles of help are provided:

- Full help is available when you are ready to enter a command argument, for example, **show?** Full help describes each possible argument.
- Partial help is provided when an abbreviated argument is entered and you want to know what arguments match the input, for example, **show pr?**

```
3600ROUTER(config)#?
```

After the ? is entered you will see the following commands:

```

aaa Authentication, Authorization and Accounting.
async-bootp Modify system bootp parameters
boot Modify system boot parameters
chat-script Define a modem chat script
config-register Define the configuration register
default Set a command to its defaults
dial-peer Dial Map (Peer) configuration commands
downward-compatible-config Generate a configuration compatible with older software

```

enable Modify enable password parameters  
frame-relay global frame relay configuration commands  
hostname Set system's network name  
ip Global IP configuration subcommands  
key Key management  
lane Configure LAN Emulation  
memory-size Adjust memory size by percentage  
modem Modem Management configuration commands  
modemcap Modem Capabilities database  
multilink PPP multilink global configuration  
netbios NETBIOS access control filtering  
no Negate a command or set its defaults  
num-exp Dial Map Number Expansion configuration commands  
partition Partition device  
prompt Set system's prompt  
rif Source-route RIF cache  
rlogin Rlogin configuration commands  
service Modify use of network based services  
sgbp SGBP Stack Group Bidding Protocol configuration  
state-machine Define a TCP dispatch state machine  
>username Establish User Name Authentication  
virtual-profile Virtual Profile configuration  
vpdn Virtual Private Dialup Networkmemory  
access-list Add an access list entry  
alias Create command alias  
alps Configure Airline Protocol Support  
arp Set a static ARP entry  
autonomous-system Specify local AS number to which we belong  
banner Define a login banner  
bridge Bridge Group.  
bstun BSTUN global configuration commands  
buffers Adjust system buffer pool parameters  
busy-message Display message when connection to host fails  
call-history-mib Define call history mib parameters  
cdp Global CDP configuration subcommands  
clock Configure time-of-day clock  
default-value Default character-bits values  
dial-control-mib Define Dial Control Mib parameters  
dialer Dialer watch commands  
dialer-list Create a dialer list entry  
dlsw Data Link Switching global configuration commands  
dnsix-dmdp Provide DMDP service for DNSIX  
dnsix-nat Provide DNSIX service for audit trails  
dspu DownStream Physical Unit Command  
end Exit from configure mode  
endnode SNA APPN endnode command  
exception Exception handling  
exit Exit from configure mode  
gateway Gateway  
help Description of the interactive help system  
interface Select an interface to configure  
line Configure a terminal line  
lnm IBM Lan Manager  
locaddr-priority-list Establish queueing priorities based on LU address  
location Network Management Router location Command  
logging Modify message logging facilities  
login-string Define a host-specific login string  
map-class Configure static map class  
map-list Configure static map list  
menu Define a user-interface menu  
ncia Native Client Interface Architecture  
ntp Configure NTP  
printer Define an LPD printer  
priority-list Build a priority list  
privilege Command privilege parameters  
queue-list Build a custom queue list

resume-string Define a host-specific resume string  
rmon Remote Monitoring  
route-map Create route-map or enter route-map command mode  
router Enable a routing process  
rsrb RSRB LSAP/DSAP filtering  
rtr RTR Base Configuration  
sap-priority-list Establish queueing priorities based on SAP and/or MAC address(es)  
scheduler Scheduler parameters  
sna Network Management Physical Unit Command  
snmp-server Modify SNMP parameters  
source-bridge Source-route bridging ring groups  
stackmaker Specify stack name and add its member  
stun STUN global configuration commands  
subscriber-policy Subscriber policy  
tacacs-server Modify TACACS query parameters  
terminal-queue Terminal queue commands  
tftp-server Provide TFTP service for netload requests  
vc-class Configure per VC parameters

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## Related Information

- [Voice Technology Support](#)
  - [Technical Support & Documentation – Cisco Systems](#)
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