

Cisco 3850 Catalyst Sample Network Switch Configuration

Release Notes

Feel free to make the appropriate changes to fit your port count and network environment.

```
!  
! Last configuration change at 17:02:39 UTC Mon Mar 9 2020  
!  
version 16.6  
no service pad  
service timestamps debug datetime msec  
service timestamps log datetime msec  
no platform punt-keepalive disable-kernel-core  
!  
hostname Switch  
!  
!  
vrf definition Mgmt-vrf  
!  
  address-family ipv4  
  exit-address-family  
!  
  address-family ipv6  
  exit-address-family  
!  
no logging console  
!  
no aaa new-model  
switch 1 provision ws-c3650-24pd  
!  
!  
!  
!  
no ip domain lookup  
!  
!  
!  
ip igmp snooping last-member-query-interval 100  
ip igmp snooping querier address 10.10.2.253  
ip igmp snooping querier  
ip igmp snooping vlan 999 querier address 10.10.2.253  
ip igmp snooping vlan 999 querier query-interval 30  
ip igmp snooping vlan 999 immediate-leave  
!  
!  
!  
!  
!
```

```

!
crypto pki trustpoint TP-self-signed-3054622113
  enrollment selfsigned
  subject-name cn=IOS-Self-Signed-Certificate-3054622113
  revocation-check none
  rsakeypair TP-self-signed-3054622113
!
!
crypto pki certificate chain TP-self-signed-3054622113
!
!
!
diagnostic bootup level minimal
spanning-tree mode rapid-pvst
spanning-tree extend system-id
!
!
redundancy
  mode sso
!
!
transceiver type all
  monitoring
lldp run
!
!
class-map match-any system-cpp-police-topology-control
  description Topology control
class-map match-any system-cpp-police-sw-forward
  description Sw forwarding, L2 LVX data, LOGGING
class-map match-any system-cpp-default
  description DHCP Snooping, EWLC control, EWCL data
class-map match-any system-cpp-police-sys-data
  description Learning cache ovfl, Crypto Control, Exception, EGR Exception, NFL SAMPLED DATA, RPF
Failed
class-map match-any system-cpp-police-punt-webauth
  description Punt Webauth
class-map match-any system-cpp-police-l2lvx-control
  description L2 LVX control packets
class-map match-any system-cpp-police-forus
  description Forus Address resolution and Forus traffic
class-map match-any system-cpp-police-multicast-end-station
  description MCAST END STATION
class-map match-any system-cpp-police-multicast
  description Transit Traffic and MCAST Data
class-map match-any system-cpp-police-l2-control
  description L2 control
class-map match-any system-cpp-police-dot1x-auth
  description DOT1X Auth
class-map match-any system-cpp-police-data
  description ICMP redirect, ICMP_GEN and BROADCAST
class-map match-any system-cpp-police-stackwise-virt-control
  description Stackwise Virtual
class-map match-any non-client-nrt-class
class-map match-any system-cpp-police-routing-control
  description Routing control
class-map match-any system-cpp-police-protocol-snooping
  description Protocol snooping
class-map match-any system-cpp-police-system-critical
  description System Critical and Gold
!
policy-map system-cpp-policy
!
!
!

```

```
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
interface GigabitEthernet0/0  
  vrf forwarding Mgmt-vrf  
  no ip address  
  speed 1000  
  negotiation auto  
!  
interface GigabitEthernet1/0/1  
  switchport access vlan 999  
  switchport mode access  
  switchport block multicast  
  no ip igmp snooping tc  
  flood  
!  
interface GigabitEthernet1/0/2  
  switchport access vlan 999  
  switchport mode access  
  switchport block multicast  
  no ip igmp snooping tc  
  flood  
!  
interface GigabitEthernet1/0/3  
  switchport access vlan 999  
  switchport mode access  
  switchport block multicast  
  no ip igmp snooping tc  
  flood  
!  
interface GigabitEthernet1/0/4  
  switchport access vlan 999  
  switchport mode access  
  switchport block multicast  
  no ip igmp snooping tc  
  flood  
!  
interface GigabitEthernet1/0/5  
  switchport access vlan 999  
  switchport mode access  
  switchport block multicast  
  no ip igmp snooping tc  
  flood  
!  
interface GigabitEthernet1/0/6  
  switchport access vlan 999  
  switchport mode access  
  switchport block multicast  
  no ip igmp snooping tc  
  flood  
!  
interface GigabitEthernet1/0/7  
  switchport access vlan 999  
  switchport mode access  
  switchport block multicast  
  no ip igmp snooping tc  
  flood  
!  
interface GigabitEthernet1/0/8  
  switchport access vlan 999  
  switchport mode access  
  switchport block multicast  
  no ip igmp snooping tc  
  flood  
!  
interface GigabitEthernet1/0/9
```

```
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/10
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/11
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/12
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/13
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/14
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/15
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/16
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/17
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/18
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/19
switchport access vlan 999
switchport mode access
switchport block multicast
no ip igmp snooping tcn flood
!
```

```

interface GigabitEthernet1/0/20
  switchport access vlan 999
  switchport mode access
  switchport block multicast
  no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/21
  switchport access vlan 999
  switchport mode access
  switchport block multicast
  no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/22
  switchport access vlan 999
  switchport mode access
  switchport block multicast
  no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/23
  switchport access vlan 999
  switchport mode access
  switchport block multicast
  no ip igmp snooping tcn flood
!
interface GigabitEthernet1/0/24
  switchport access vlan 999
  switchport mode access
  switchport block multicast
  no ip igmp snooping tcn flood
!
interface GigabitEthernet1/1/1
!
interface GigabitEthernet1/1/2
!
interface TenGigabitEthernet1/1/3
!
interface TenGigabitEthernet1/1/4
!
interface Vlan1
  no ip address
!
interface Vlan999
  ip address 10.10.2.253 255.255.255.0
!
ip forward-protocol nd
ip http server
ip http secure-server
!
!
!
!
control-plane
  service-policy input system-cpp-policy
!
!
line con 0
  stopbits 1
line aux 0
  stopbits 1
line vty 0 4
  login
line vty 5 15
  login
!
!

```

!
!
!
!
end