

Cisco Switch

ROMMON Mode

IP

Timestamp

DNS

.....

.....

.....

.....

.....

.....

.....

.....

3

3

3

4

4

5

5

7

7



# Cisco Switch

: <https://cdn.technet24.ir/Downloads/Cisco/IOS/>

## ROMMON Mode

Rommon mode

mode

rommon mode

가

BAUD RATE

```
switch: set BAUD 115200

//

switch: set
BAUD=115200
BOOT=flash:c3750-ipervicesk9-mz.122-55.SE12/c3750-ipervicesk9-
mz.122-55.SE12.bin
CLEI_CODE_NUMBER=CNMWZ00ARC
MAC_ADDR=00:21:1B:96:4A:00
MANUAL_BOOT=no
MODEL_NUM=WS-C3750G-24TS-E1U
MODEL_REVISION_NUM=E0
MOTHERBOARD_ASSEMBLY_NUM=73-10219-07
MOTHERBOARD_REVISION_NUM=B0
MOTHERBOARD_SERIAL_NUM=FOC12132ZU5
POWER_SUPPLY_PART_NUM=341-0098-02
POWER_SUPPLY_SERIAL_NUM=DCA1205948Z
SDM_TEMPLATE_ID=0
SWITCH_NUMBER=1
SWITCH_PRIORITY=1
SYSTEM_SERIAL_NUM=FOC1213Y12J
TAN_NUM=800-27484-01
TAN_REVISION_NUMBER=C0
VERSION_ID=V03
```

VLAN

가

vlan.dat

delete vlan.dat

erase start

reload

no

reload

```
#del vlan.dat
#erase start
#reload
no
```

```
switch#>show version //
switch#>show interface vlan //
switch#>show running-config //

R1# show flash -> Flash
R1# show ip route ->
R1# show ip interface brief ->
R1# show interface [Interface Name] ->
R1# show controllers [Interface Name] ->

R1# show cdp neighbor ->
R1# show cdp neighbor detail -> IP

R1# show running-config -> Running-Config (RAM)
R1# show startup-config -> Startup-Config (NVRAM)

R1# copy running-config startup-config -> RAM NVRAM
R1# erase startup-config -> NVRAM
```

## IP

```
Switch# configure terminal
Switch(config)# interface vlan 1
Switch(config-if)# ip address 192.168.1.2 255.255.255.0
Switch(config-if)# no shutdown
Switch(config-if)# exit
Switch(config)# ip default-gateway 192.168.1.1
```

DHCP	1.	interface vlan 1	VLAN 1
. 2. ip address dhcp	IP		. 3. no shutdown
VLAN 1 가	. 4		
.			
가	dhcp IP	show running-config	IP
.	show dhcp lease	show interface vlan 1	IP
.			

## Timestamp

```
# conf t
(config) # service timestamps debug datetime localtime // debug
(config) # service timestamps log deatetetime localtime // log
```

```
# sh clock //
# clock set 13:13:13 april 20 2020 //
# clock timezone kst 9 // ( )

# conf t
(config) # ntp server time.bora.net // NTP (boranet)
# sh ntp status // NTP
```

- 

가

```
gmate(config)# line 0 16
gmate(config-line)# logg sync
```

- 

```
gmate(config)#line console 0
gmate(config-line)# exec-timeout 0
```

- 

```
gmate(config)# enable secret switch
```

switch

- 

```
gmate#show line
```

VTY

```
gmate(config)#line vty 0 15
gmate(config-line)# password switch
```

0 ~ 15

가 switch

- 

```
gmate#show runnign-config
```

- vty

```
gmate(config)#service password-encryption
```

- 

```
gmate(config)#banner motd *
Authonized access only!!
*
```

\*

- 

```
gmate(config)# default-value exec-character-bits 8
gmate(config)# banner motd *
가 !!
*
gmate(config)#
```

- 

```
gmate(config)# interface f 1/0/1
gmate(config)# description gmate1
gmate(config)# interface f 1/0/2
gmate(config)# description gmate2
```

- 

```
enable
config terminal
no ip domain-lookup
enable secret $gm@te2oo8

alias exec c config terminal
```

```
alias exec r show running-config
alias exec i show ip route
alias exec b show ip interface brief

line consol 0
logging synch
exec-timeout 0
lin vty 0 5
pass $gm@te2008
exit
hostname
```

## DNS

```
cisco(config)#
cisco(config)#ip domain-lookup
cisco(config)#ip name-server 210.20.64.21
```

- 

```
cisco(config)# no ip domain-lookup
```

- stp

```
Switch# show spanning-tree
Switch# show spanning-tree vlan [num]
Switch# show spanning-tree vlan [num] detail
```

- 

```
Switch# show interface status
```

- link aggregation

```
Switch(config)# int port-channel 1
Switch(config-if)# int range gi 1/0/5-6
// chnnel-group 1 mode on
channel-group 1 mode active

Switch(config-if)# channel-proto lacp
Switch(config-if)# exit
```

```
Switch(config)# int port-channel 1
Switch(config-if)# switchport mode access
Switch(config-if)# switchport access vlan 10
```

```
Switch# show lacp neighbor
```

From:

<https://atl.kr/dokuwiki/> - AllThatLinux!

Permanent link:

[https://atl.kr/dokuwiki/doku.php/cisco\\_switch\\_%EC%84%A4%EC%A0%95?rev=1650618692](https://atl.kr/dokuwiki/doku.php/cisco_switch_%EC%84%A4%EC%A0%95?rev=1650618692)

Last update: **2022/04/22 09:11**

