

Cisco System Management Settings

Generic

Catalyst Switch Settings

NTP settings

```
set ntp client enable
set ntp server 172.16.1.101
set timezone est -5 0
set summertime enable
```

```
>sh ntp
```

```
Current time: Tue Mar 26 2002, 12:46:29 est
Timezone: 'est', offset from UTC is -5 hours
Summertime: ", enabled
  Start : Sun Apr 7 2002, 02:00:00
  End   : Sun Oct 27 2002, 02:00:00
  Offset: 60 minutes
Last NTP update: Tue Mar 26 2002, 12:45:35
Broadcast client mode: disabled
Broadcast delay: 3000 microseconds
Client mode: enabled
Authentication: disabled

NTP-Server = 172.16.1.101
```

Logging settings

```
set logging console disable
set logging server enable
set logging server 172.16.1.102
set logging level spantree 6 default
set logging level sys 6 default
set logging server facility local5
set logging server severity 4
```

Banner

```
set banner motd #
Enter TEXT message. End with the character '#'.

```

WARNING: THIS SYSTEM IS FOR THE USE OF xyz EMPLOYEES AND AUTHORIZED CONTRACTORS. ANY USE OTHER THAN NORMAL BUSINESS IS STRICTLY FORBIDDEN.

All Miami-Dade County, State of Florida and United States GSA Regulations and laws apply and will be enforced to the fullest extent of the law.

This system is CERT Certified and Monitored by Security.

SN:9999999

#

SNMP settings

```
set snmp community read-only xyz123a
set snmp community read-write
set snmp community read-write-all
set snmp trap host 172.16.1.107 qwerty123
set snmp trap enable all
set system location Miami Data Center
set system contact netsupport@xyz.com
```

Router / IOS based Settings

NTP settings

```
ntp update-calendar (depending of level)
ntp max-associations 4
ntp server 172.16.101.1 prefer
```

Only on core router

```
ntp server 132.163.4.101 prefer
ntp server 192.43.244.18
```

```
clock timezone EST -5
clock summer-time EDT recurring
```

```
sh clock
sh ntp status
sh ntp associations
```

Logging settings

```
service timestamps debug datetime msec localtime show-timezone
service timestamps log datetime msec localtime show-timezone
```

```
logging buffered 10000 debugging
no logging console
logging trap debugging
logging facility local2
logging monitor warnings
logging trap warnings
logging 172.16.1.102
```

SNMP settings

```
snmp-server community xyz123a RO
snmp-server trap-source e0
snmp-server location Miami Data Center
snmp-server contact netsupport@xyz.com
snmp-server enable traps
snmp-server host 172.16.1.107 qwerty123
snmp-server chassis-id sn:9999999
```

Banner

```
banner motd #
Enter TEXT message. End with the character '#'.
WARNING: THIS SYSTEM IS FOR THE USE OF xyz EMPLOYEES AND
AUTHORIZED CONTRACTORS. ANY USE OTHER THAN NORMAL BUSINESS
IS STRICTLY FORBIDDEN.
```

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#