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**Software Release Note**

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**RELEASE DATE:** 13-May-2011  
**FIRMWARE VERSION:** V1.29  
**KERNEL VERION:** V3.50

**FIRMWARE CHANGES AND ENHANCEMENTS:**

N/A

**MODIFICATIONS:**

Note!! The following Known Issues have been fixed in this release of firmware.

Fixed configuration issue of IP security via telnet.

**KNOWN RESTRICTIONS AND LIMITATIONS:**

N/A

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**Software Release Note**

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**RELEASE DATE:** 04-March-2011  
**FIRMWARE VERSION:** V1.29  
**KERNEL VERION:** V3.45

**FIRMWARE CHANGES AND ENHANCEMENTS:**

N/A

**MODIFICATIONS:**

Note!! The following Known Issues have been fixed in this release of firmware.

Fixed SM8002TG cannot cut/paste CLI command to telnet.

**KNOWN RESTRICTIONS AND LIMITATIONS:**

N/A

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**Software Release Note**

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**RELEASE DATE:** 23-Dec-2010  
**FIRMWARE VERSION:** V1.29  
**KERNEL VERION:** V3.39

**FIRMWARE CHANGES AND ENHANCEMENTS:**

N/A

**MODIFICATIONS:**

*Note!! The following Known Issues have been fixed in this release of firmware.*

Fixed SM8002TG will cause PRTG produce abnormal value.

**KNOWN RESTRICTIONS AND LIMITATIONS:**

N/A

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**Software Release Note**  
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**RELEASE DATE:** 10-Sep-2010

**FIRMWARE VERSION:** V1.29

**KERNEL VERION:** V3.22

**FIRMWARE CHANGES AND ENHANCEMENTS:**

N/A

**MODIFICATIONS:**

*Note!! The following Known Issues have been fixed in this release of firmware.*

Add TACACS+ function.

**KNOWN RESTRICTIONS AND LIMITATIONS:**

N/A

**KNOWN ISSUES:**

*Note! The following Known Issues will fix in the further release of firmware.*

N/A

**Configuration note:**

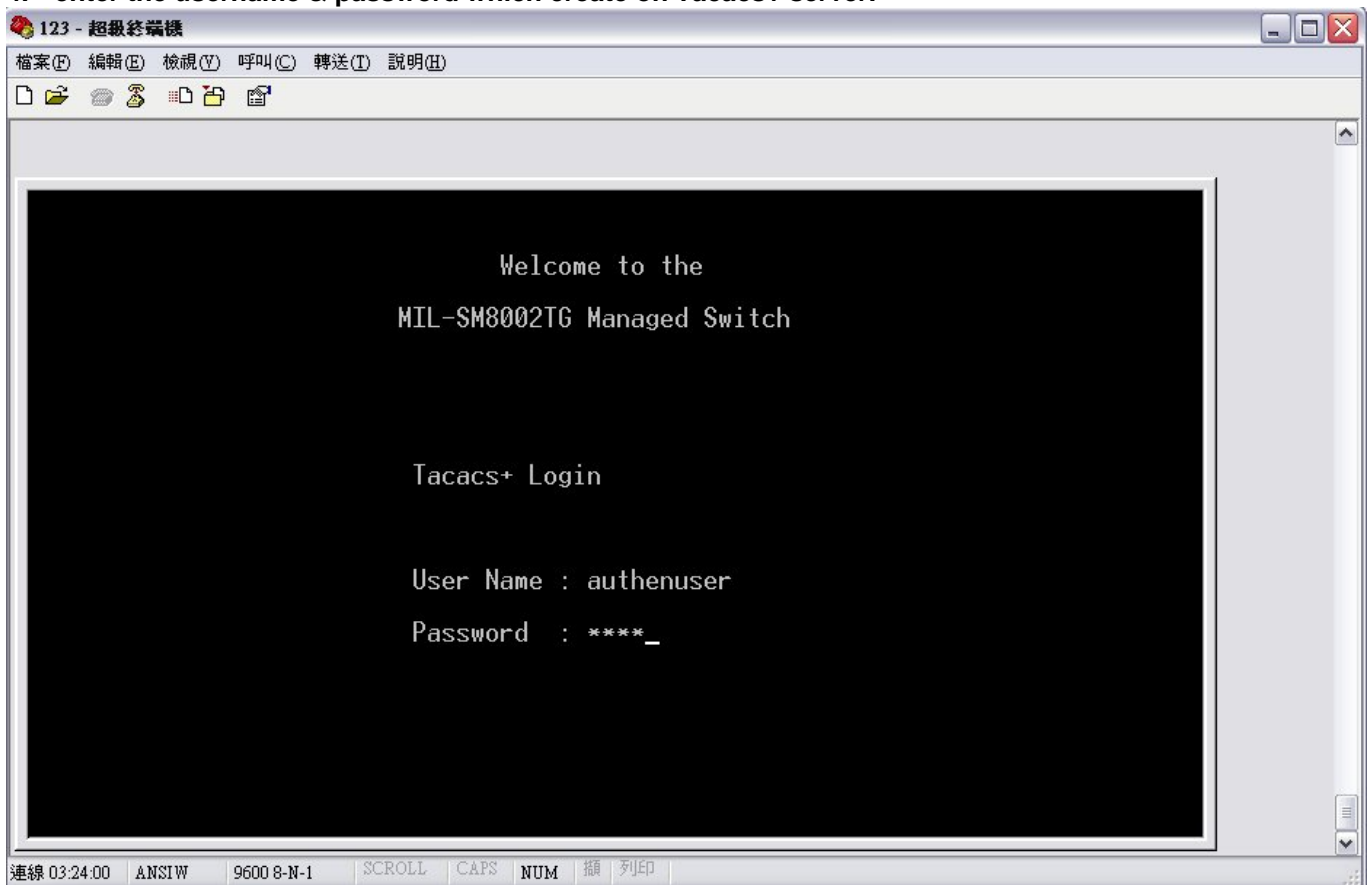
**TACACS+ server:** FreeBSD

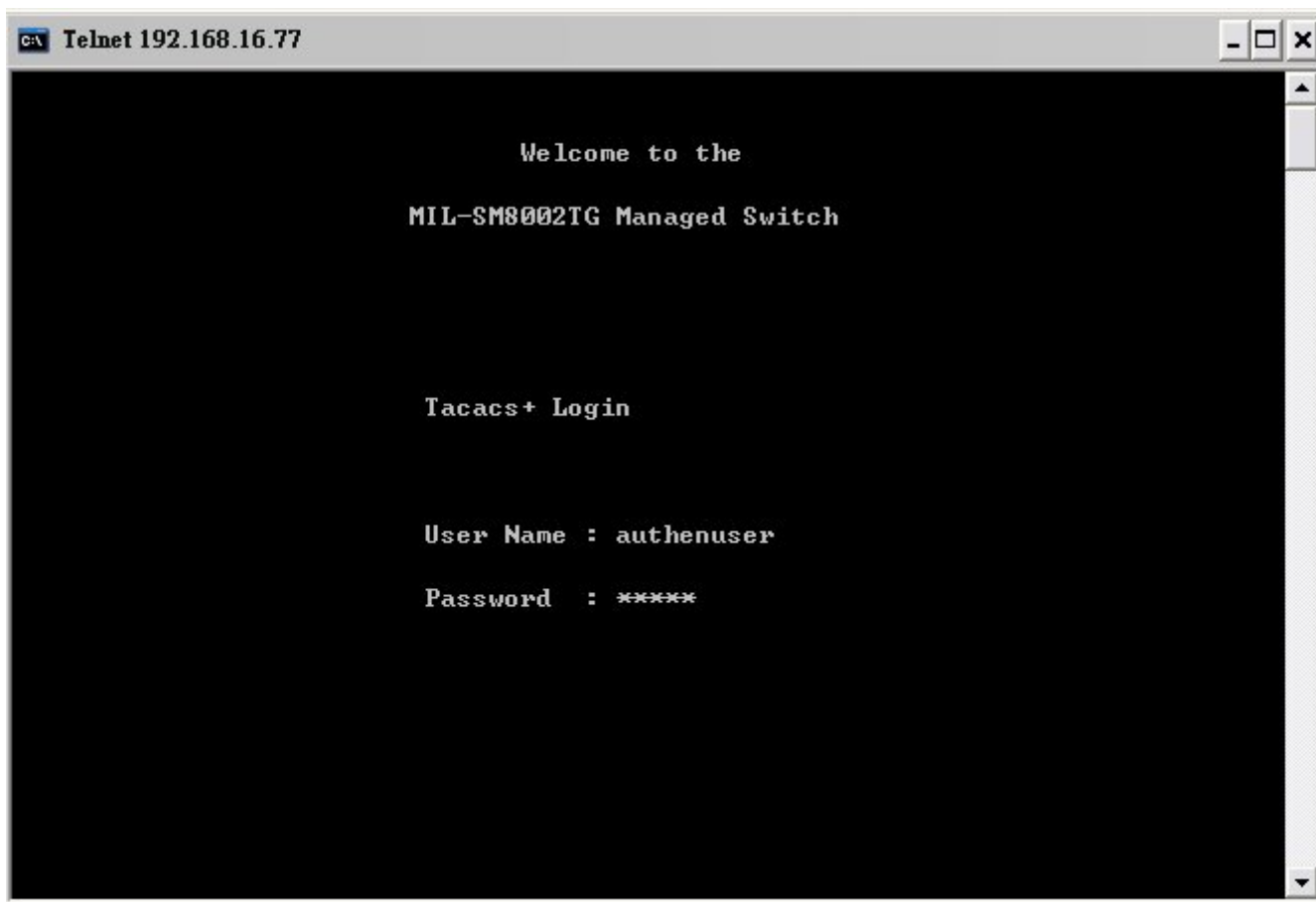
# TACACS+ Configuration

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| Mode                | Enable ▾                                                                                  |
| TACACS+ Server 1 IP | 192.168.16.198                                                                            |
| TACACS+ Server 2 IP | 192.168.16.199                                                                            |
| Encrypt Key         | tacacs+                                                                                   |
| Encrypt Connection  | <input checked="" type="checkbox"/> Console<br><input checked="" type="checkbox"/> Telnet |

Apply Help

1. Enable Tacacs+ function.
2. Configure Server IP and encrypt key
3. Select encrypt connection
4. enter the username & password which create on Tacacs+ server.





## TACACS+ Commands Set

| Netstar Commands                                             | Level    | Description                       | Example                                                  |
|--------------------------------------------------------------|----------|-----------------------------------|----------------------------------------------------------|
| <b>tacacs enable</b>                                         | <b>G</b> | Enable tacacs+ function           | switch(config)# <b>tacacs enable</b>                     |
| <b>tacacs server1</b><br>[Server 1 IP]                       | <b>G</b> | Configure IP address for server 1 | switch(config)# <b>tacacs server1 192.168.1.100</b>      |
| <b>tacacs server2</b><br>[Server 2 IP]                       | <b>G</b> | Configure IP address for server 2 | switch(config)# <b>tacacs server1 192.168.1.101</b>      |
| <b>tacacs key</b><br>[Encrypt Key]                           | <b>G</b> | Configure encrypt key             | switch(config)# <b>tacacs key test</b>                   |
| <b>tacacs encrypt-connection</b><br>[Console Telnet Both]    | <b>G</b> | Set encrypt connection type       | switch(config)# <b>tacacs encrypt-connection both</b>    |
| <b>no tacacs</b>                                             | <b>G</b> | Disable tacacs+ function          | switch(config)# <b>no tacacs</b>                         |
| <b>no tacacs encrypt-connection</b><br>[Console Telnet Both] | <b>G</b> | Disable encrypt connection type   | switch(config)# <b>no tacacs encrypt-connection both</b> |

|                    |          |                             |                            |
|--------------------|----------|-----------------------------|----------------------------|
| <b>show tacacs</b> | <b>P</b> | Show tacacs+<br>information | switch# <b>show tacacs</b> |
|--------------------|----------|-----------------------------|----------------------------|

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**Software Release Note**

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**RELEASE DATE:** 22-Jan-2010  
**FIRMWARE VERSION:** V1.29  
**KERNEL VERION:** V2.77

**FIRMWARE CHANGES AND ENHANCEMENTS:**

N/A

**MODIFICATIONS:**

*Note!! The following Known Issues have been fixed in this release of firmware.*

For X-ring:

1. Modify X-ring BPDU DA Mac address from 01-80-C2-00-00-0E to 01-80-C2-00-00-09.
2. Increasing stability of X-ring, we Modify and enhance the X-ring BPDU priority, so that CUP can process X-ring BPDU first than other packets at the same time.

**KNOWN RESTRICTIONS AND LIMITATIONS:**

N/A

**KNOWN ISSUES:**

*Note! The following Known Issues will fix in the further release of firmware.*

N/A

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**Software Release Note**

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**RELEASE DATE:** 25-Sep-2009  
**FIRMWARE VERSION:** V1.28  
**KERNEL VERION:** V2.44

**FIRMWARE CHANGES AND ENHANCEMENTS:**

N/A

**MODIFICATIONS:**

*Note!! The following Known Issues have been fixed in this release of firmware.*

Add prevention in firmware structure to prevent user clicked "Apply "multiple times cause the Ring loop.

**KNOWN RESTRICTIONS AND LIMITATIONS:**

N/A

**KNOWN ISSUES:**

*Note! The following Known Issues will fix in the further release of firmware.*

N/A

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**Software Release Note**  
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**RELEASE DATE:** 04-Sep-2009  
**FIRMWARE VERSION:** V1.28  
**KERNEL VERION:** V2.18

**FIRMWARE CHANGES AND ENHANCEMENTS:**

N/A

**MODIFICATIONS:**

*Note!! The following Known Issues have been fixed in this release of firmware.*

Fixed CLI command inactivated when user created over than 2710 VLAN group.

**KNOWN RESTRICTIONS AND LIMITATIONS:**

N/A

**KNOWN ISSUES:**

*Note! The following Known Issues will fix in the further release of firmware.*

N/A

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**Software Release Note**  
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**RELEASE DATE:** 02-Sep-2008  
**FIRMWARE VERSION:** V1.27  
**KERNEL VERION:** V1.88

**FIRMWARE CHANGES AND ENHANCEMENTS:**

N/A

**MODIFICATIONS:**

*Note!! The following Known Issues have been fixed in this release of firmware.*

**FIX:**

1. Add the 「Kernel version」 entry in the MIB file
2. Fixed the MIB 「swSysLogDescription」 stops at 9 entries.
3. Fixed 「Can not edit system description from MIB browser」.
4. Fixed the port control issue that cannot change speed via SNMP.
5. Fixed port trunk group discordant link status on Web page and SNMP.

6. Fixed the 「snmpDaylightSavingOffse」 entry cannot be set “0” on SNMP.
7. Replaced the help files on the SM8002TG that is provided by Transition (Art Felgate)
8. Modified the description of the 「Port trunk」 help file.
9. Fixed 「portSecurityAllMACPortName」 gotten from SNMP are not correct.
- 10.Fixed 802.1Q discordant value of 「Untagged Vid」 on the web and SNMP when that port is a trunk-link.
- 11.Added 「Syslog Clear column」 in the MIB file.
- 12.Fixed two different status in web and mib file when enabled Daul homing function.
- 13.Fixed SNTP function without showing 「Year」 information via SNMP.
- 14.Added 「switchPortStatClear column」 in the MIB file.
- 15.Modified the description of「swPortTrunkAggregatorInfoDescription」from「No group builded」to「No group built」.
- 16.Fixed 「Qos function in the web the port-based priority is always shown "High" whatever you set the value via Firefox.」
- 17.Added 「Actual Port Speed 、Actual Port Duplex 、Flow control」 columns in the MIB file.

#### **KNOWN RESTRICTIONS AND LIMITATIONS:**

N/A

#### **KNOWN ISSUES:**

Note! The following Known Issues will fix in the further release of firmware.

N/A

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#### **Software Release Note**

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**RELEASE DATE:** 02-Sep-2008  
**FIRMWARE VERSION:** V1.25  
**KERNEL VERION:** V1.51

#### **FIRMWARE CHANGES AND ENHANCEMENTS:**

N/A

#### **MODIFICATIONS:**

Note!! The following Known Issues have been fixed in this release of firmware.

#### **FIX:**

- 1.Enhance security: Change SNMP default community string as below: Read: Milan, Read/Write: MILt3ch.
- 2.Change Bandwidth Control web page style. To integrate the storm control and rate limit.
- 3.Fix Nessus test fail then crash the switch.
- 4.Fix flow control issues as below.

Observed that when configure speed to 100Mbps in any port from the switch, all ports from switch that are in the same VLAN are limited to 100Mbps.

5. Fix the port type display error on menu driven.
- 6.Fix Specific Trap Type Error.
- 7.Add Q-inQ mode option in VLAN.

#### **KNOWN RESTRICTIONS AND LIMITATIONS:**

N/A

**KNOWN ISSUES:**

*Note! The following Known Issues will fix in the further release of firmware.*

**N/A**