Configuring SOL on the BladeCenter management module for Cisco software version 12.1(22) EA6

To configure Serial over Local Area Network (SOL) on a BladeCenter ® management module for Cisco software version 12.1(22) EA6 and higher, complete the following steps:

1. Log on to the management module. See the *IBM BladeCenter Management Module User's Guide* or the *IBM BladeCenter Management Module Command Line Interface Reference Guide* for instructions. (If necessary, obtain the IP address of the management module from the system administrator.) The management module window opens.
2. From the **Blade Tasks** menu, click **Serial Over LAN**. The SOL window opens.
3. To enable the SOL VLAN ID, complete the following steps:
    a. To use the default SOL VLAN ID (4095), click **Enable Serial Over LAN**. The Gigabit Ethernet switch module is configured for SOL using the VLAN ID of 4095.

       Or

    b. To change the default SOL VLAN ID and enable it, complete the following steps:
       1) Click **Serial Over LAN Configuration.**
       2) In the **SOL VLAN ID** field, enter the new SOL VLAN ID number.
       3) Click **Save**. The SOL window opens.
       4) Click **Enable Serial Over LAN** to enable the new VLAN ID. The Gigabit Ethernet switch module is configured for SOL using the new VLAN ID.

Configuring SOL on the switch module

To configure SOL on the switch module, complete the following steps:

1. Open a console window. See the management module *User's Guide* for instructions.
2. From the console prompt, type **telnet** *x* and press **Enter**.
   Where *x* is the IP address of your switch module.
3. Enter your user name and password and press **Enter**. The default user name is USERID and the default password is PASSW0RD (where 0 is a zero). A telnet session window opens.
4. To define the SOL session on VLAN3, at the console prompt, type:

```
config t
vlan 3
state active
exit
int gi0/15
sw trunk allow vlan add 3
int gi0/16
sw trunk allow vlan add 3
end
config t
int gi0/17
switchport trunk allowed vlan remove 3
int gi0/18
switchport trunk allowed vlan remove 3
int gi0/19
```

```
    switchport trunk allowed vlan remove 3
    int gi0/20
    switchport trunk allowed vlan remove 3
    end
```

5. To save the configuration changes, type **write**.

Note: Make sure that the SOL VLAN ID on the management module is identical to the SOL VLAN ID of the switch module.

The management module and the switch module are ready for SOL traffic over the specified VLAN.