Configuring the IBM Flex System IB6131 Infiniband Switch

Prerequisites:

- One IBM Flex System Enterprise Chassis, one IBM Flex System IB6131 Infiniband Switch, one IBM Flex System IB6132 2-port FDR Infiniband Adapter.

- An Infiniband network, if needed.

Steps:

Note: This process illustrates how to enable the switch ports through the Chassis Management Module (CMM) command-line interface. For information about using the CMM interface, you can use the *Configuring IBM Flex System Enterprise Chassis components* quick start guide. You can find that quick start guide at this location:

In the information center (Internet):
http://publib.boulder.ibm.com/infocenter/flexsys/information/topic/com.ibm.acc.commontasks.doc/commontasks_chassis_config.html

From the installed documentation on the IBM Flex System Management Console, navigate to:
IBM Flex System information -> Quick start guides -> Installing and configuring the IBM Flex System Enterprise Chassis

1. Log on to the Chassis Management Module (CMM) CLI with an SSH application. The default IP address is 192.168.70.100 and the default login/password is USERID/PASSW0RD. If necessary, obtain the IP address and login of the management module from your system administrator.

2. Set the environment to the bay where you installed the switch. The following example is for bay 3:

   env -T system:switch[3]

3. Run the following command to enable external data ports:

   ifconfig -ep enabled

External ports are now enabled for data throughput.

```
system>
system> env -T system:switch[3]
OK
system:switch[3]> ifconfig -ep enabled
OK
system:switch[3]> ifconfig
Scalable Switch Elem
-pm n/a
-em disabled
-ep enabled
-ipv6 disabled
-ipv6static disabled
```