

Configuring an X-Architecture compute node using an IBM Flex System Manager management node

Prerequisites:

- An integrated management module (IMM) is connected to the network and the IP address for the IMM is known.
- The IMM is managed by an IBM Flex System Manager management node.

Steps:

1. Log in to the IBM Flex System Manager web interface.
2. Click Chassis Manager on the Welcome page.
3. Click the name of the chassis that contains the compute node that you want to configure. A graphical view of the chassis is displayed.
4. Click the compute node that you want to configure to display details for the compute node.
5. Click the Configuration tab at the bottom of the page to configure the following:
 - Management Module Network SNMP Configuration - you can configure the management module SNMP settings
 - Alert Recipient - you can configure the Alert Recipient for IMM
 - Alert Setting - you can configure the Alert Setting for IMM
 - LDAP Client Configuration - you can configure LDAP Client Configuration
 - Feature Activation Manager Configuration - you can configure additional IMM Features.
 - Dynamic UEFI Configuration - you can configure UEFI attributes for the server.
 - User Management Configuration - you can configure user authentication method, local user accounts and groups, LDAP client, and security.

Click Deploy to activate the settings on the compute node.

From the Configuration tab, you can choose to save the Network Time Protocol (NTP) Service Configuration settings as a configuration template, which can then be deployed to other X-Architecture compute nodes to simplify the setup of multiple systems. For more information about configuration templates and configuration plans, see the following topic:

In the information center (Internet):

http://pic.dhe.ibm.com/infocenter/flexsys/information/topic/com.ibm.acc.8731.doc/com.ibm.sdnm.adv.helps.doc/fnc0_t_network_ctrl_creating_templates.html

From the installed documentation on the IBM Flex System Management Console, navigate to:

IBM Flex System information → Management devices and solutions → IBM Flex System Manager management node → Managing resources → Managing network resources → Network Control → Managing → Configuring network systems with configuration plans and templates

To configure other settings for the compute node, you must log in to the IMM user interface of the compute node.

1. From the graphic view of the chassis, click the compute node that you want to configure.
2. On the right-hand page under Common Activities, click Launch Web Browser to display the IMM log in page.
3. After logging in to the IMM user interface, click Server Management to display the following configuration options:
 - Server Firmware - you can view and update firmware on your server.
 - Server Properties - you can edit the General Settings for the server including System descriptive name and Contact person.
 - Server Timeouts - you can Enable, Disable, or change settings for OS Watchdog, Loader Watchdog, and Power Off Delay.
 - PXE Network Boot - you can restart the server and choose whether to PXE boot the server.
 - Under IMM Management there are options to configure the following items:
 - IMM Properties – you can alter various properties and settings related to the IMM.
 - Users - you can create, modify, and delete user accounts that have access to the IMM.
 - Network - you can set the IPv4 and IPv6 settings for the CMM in addition to setting SNMP, DNS, SMTP, and other network settings.
 - Security - you can set security policies and configure security protocols like SSL and SSH.
 - IMM Configuration - you can backup the current configuration, restore a previously saved configuration, or rerun the initial setup wizard.
 - Reset IMM to factory defaults - you can set the IMM configuration back to default values.
 - Activation Key Management - you can view and add license keys for additional functionality for the IMM.