

Configuring the IBM Flex System Manager management node

Prerequisites:

- Ensure that all chassis in the domain are cabled and fully populated
- Apply power to the chassis and observe the LEDs for issues
- Network connect to one Chassis Management Module (CMM) per chassis
- Complete the Initial Setup wizard for the CMM
- Assign a network address to the integrated management module (IMM) that is connected to the IBM Flex System Manager management node

Steps:

Use the Initial Setup wizard on the IBM Flex System Manager node to guide you through configuring the IBM Flex System Manager node the first time you use it. You can access the wizard using the provided console breakout cable with your own keyboard-video-mouse (KVM).

1. Power on the IBM Flex System Manager management node and wait until a graphical desktop shows up.
2. You see the IBM Flex System Manager License Agreement. Read the license and accept it to proceed.
3. Click Next on the Setup Wizard Welcome page.
4. At the Date and Time step, enter your local time and time zone. If you'd like to use a Network Time Protocol (NTP) server, provide the appropriate information here.
For your IBM Flex System to work properly, the clock in every compute node and operating system in those nodes, service processors, switches, and CMM must be synchronized to within 10 minutes of each other. If you run the system with a larger gap than 10 minutes, some functions will not behave as expected.
5. At the Password step, enter a password for the predefined USERID account. This password also applies to the "pe" account.
Notice that this password is not propagated to the CMM or any other components in the chassis. It only applies to the IBM Flex System Manager management node. If you want to use a centralized account, consider configuring the IBM Flex System Manager management software to a Lightweight Directory Access Protocol (LDAP) server once you have it up and running.
6. At the Network Topology step, take notice of your networking environment. If you have separate networks for data and management traffic, you'll have to configure both eth0 and eth1 in the next step. If you have a mixed network then you only need to configure eth0 later.
7. At the LAN Adapters step, configure a network address to eth0 or eth1.

Notice the check box “Perform network validation...” which is a good safety measure.

Note: If you are connecting to a single network for both data and management, configure ETH0 during setup. If you are connecting to separate management and data networks, configure both ETH0 and ETH1. Make sure that these ports point to networks that are on different subnets.

8. At the Host and Gateway step, you can overwrite the given short name and provide a mandatory domain name and default gateway. If you don't have a domain name server (DNS) in your environment, the domain name is not used but you must provide something anyway.
9. At the DNS step, you can enable a DNS service by providing DNS server addresses and domain suffixes. If you don't have a DNS, uncheck the box. Do not enter an invalid IP address because that would cause a lookup failure in many operations.
10. At the Summary page, take a final look at all the settings and then click Finish.

It will take several minutes for the settings to be applied, then the IBM Flex System Manager management node restarts itself with the new settings. That takes roughly 15 minutes to complete. After the management node restarts, it is ready for you to log in. You may disconnect the KVM or end the remote control session.

To log in, from your workstation browser (Firefox or Internet Explorer), access the IBM Flex System Manager management console using the information you provided, as follows:

- Address: https://ip_address_of_eth0_or_eth1,
- User ID is USERID and the password is the one that you provided.

If you prefer to access the command line interface, you may SSH to the IBM Flex System Manager management console's IP address with the same user ID and password.

If you need to troubleshoot network connectivity, you can right-click on the IBM Flex System Manager management software's graphical desktop to open a terminal session.