

## Quick Start for Bank Administrators – Setting up the Junosphere Environment

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As the bank administrator, you set up the Junosphere environment for your user community. You create sandboxes, add user accounts, set user permissions, assign capacity to each sandbox, and upload any bankwide topologies. Follow the numbered steps below.



**NOTE:** User interface conventions are usually to click on the green + icon or right-click to access new actions or menus.

### Step 1. Log In to Junosphere

The first bank administrator receives an e-mail from Juniper Networks with the URL to the login page of the user interface, a username, and a password. To log in to the user interface:

1. Go to the login page: <http://junosphere.net>.
2. Use the login information to log in. Accept the EULA. The **Dashboard** page appears.

Note that the online help files are on the right side of the user interface.

### Step 2. Add Users

To add users:

1. Click on the **Customers and Users** icon.
2. Right-click on the Customer name to add a user you want to have access to the Junosphere resources.
3. Repeat step 2 for each user you want to add.

### Step 3. Allocate Your Junosphere Capacity and Assign Your Users

1. Click on the bank icon.

The **Banks and Sandboxes** page appears listing the banks you control. The bank contains a purchased capacity (VM units and connectors) that you can use. You can divide this capacity into sandboxes.

2. Right-click on a bank to create one or more sandboxes.
3. In the **Create Sandbox** window, enter a name and description for the sandbox you are creating and select the type.
4. Open the **Capacity** accordion tab, then:
  - a. Right-click on the row in the table with the capacity and select the sandbox.
  - b. Enter the capacity of virtual machine units or connectors to assign to the sandbox in the pop-up dialog box.

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5. For banks with annual plan capacity, set the minimum and maximum VM capacity for a sandbox, if necessary.
    - a. On the Annual Capacity tab, right-click on the row in the table with the VM capacity and select **Edit**.
    - b. In the pop-up dialog box, enter the maximum and minimum VM capacity for the sandbox.
    - c. Click **Save**.
  6. Assign users to the sandbox:
    - a. Click on a sandbox icon.
    - b. Open the **Users** accordion tab, click on **+**, and use the pop-up dialog box to assign users to the sandbox.

If no users are shown, return to *Step 2. Add Users* and add them.
    - c. Assign each user one or more permissions for this sandbox.

The permissions are Topology Management (start/stop topologies), Library Management (create/delete sandbox libraries and upload topologies to them), and Reservation Management (reserve time and capacity).

## Step 5. Start a Network Topology from a Library

To start a topology from a library instead of the Topology Wizard, perform the following steps:

1. Verify that you have a reservation for your topology or available capacity. If not, make a reservation by clicking the plus sign (+) in the upper right corner of the Reservations tab.
2. Select the topology that you want to run. Click the **Libraries** accordion tab to display the libraries where your topologies are stored. Click the library tab (Sandbox, Bank, or Public).
3. Right-click on the filename to start an existing topology (you must have Topology Operation permission).

Only one topology can be active at a time per sandbox.
4. Open the **Active Topology** accordion tab. A series of messages appears, showing the progress of the virtual machines loading. If necessary, click the **Refresh** icon to update the information on the tab.

When the topology is built, the **Join** button appears.
5. See the [Junosphere Network Topology Guide](#) for more information.

## Step 5. Create a Bank Library (Optional)

Create a library that all users of the bank can access and pre-populate topologies for your users.

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1. Click on the bank icon.
  2. Select the **Bank Libraries** accordion tab.
  3. Click **+** to create a new bank library.
  4. Click **+** in the new library table and browse to select a topology file on your host and upload it into the library.

## Step 6. Send Notifications to Your Users

Use the e-mail alias on the **Details** tab to send e-mails to your users. Share any specific topologies or task instructions you have for your use case.

## Step 7. Buy Additional Capacity

To buy additional capacity for a bank:

1. Click the **Click to Buy Now** link on the login page or go to this [link](#).  
A page appears that lists the types of capacity that you can buy: Classroom and Lab.
2. Click the link for the type of capacity you want to buy.  
The page for that capacity appears, listing the purchase information for that type of capacity.
3. Click the **Purchase** button.



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**NOTE:** Capacity expires one year after the date of purchase. Thirty (30) days before the expiration date, Junosphere sends an e-mail to the Bank Administrator as a reminder of the expiration date with instructions and a link for reordering capacity.

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