Using DeviceMapper to connect a local USB device

DeviceMapper is a client and server software that allows you to connect a local USB device to a ReadyTech remote lab — for example, Using DeviceMapper to install a software license on the remote lab with a local USB security device.

Follow this guide to learn how to install and use DeviceMapper in a ReadyTech hosted training event.

> DeviceMapper is not currently compatible with Windows 10 or Linux.
>
> DeviceMapper is not available with ReadyTech Self-Paced training events.

Before you begin

DeviceMapper is a client/server software and must be installed on your local system and the remote lab, as well as enabled on the deployment of the image you wish to use with DeviceMapper. Contact support at get-support@readytech.com for help with enabling DeviceMapper in the remote lab.

Continue to the next section to learn how to install DeviceMapper on your local system.

Installing DeviceMapper

Download and install DeviceMapper from the Instructor-Led Portal (ILP). Note that you can download DeviceMapper without logging into the ILP.

To install DeviceMapper on your local system, follow the steps below:

1. From the ILP, click the **Support** tab on the navigation bar.
2. Click **View downloads** below Product downloads.
3. Choose DeviceMapper **x86** or **x64** depending on your operating system. Save the file when prompted, then open to begin the installation.
4. Click **Next** on the DeviceMapper setup wizard to continue the installation.
5. Leave Server IP address and TCP port as their defaults and click **Next**.
6. Click **Install**, then click **Finish**.

Enabling an external connection

After installing DeviceMapper on your local system, enable an external connection in the ILP. An external connection allows DeviceMapper to communicate with your remote lab.
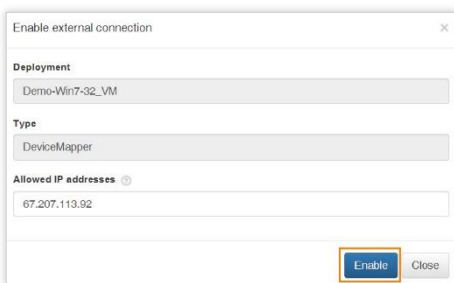
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To enable an external connection for DeviceMapper, follow the steps below:

1. Log in to the ILP with your access code, then click the **Lab** tab from the navigation bar.
2. Click the **Status** toggle next to DeviceMapper below External connections to enable an external connection.

3. Click **Enable** when the Enable external connection prompt appears.

4. Copy the **IP address** and **port** from the External connection details prompt, then click **OK**.

Sharing your USB device

After enabling an external connection for DeviceMapper, connect a USB device to your local system and initialize.

To share your local USB device with your remote lab, follow the steps below:
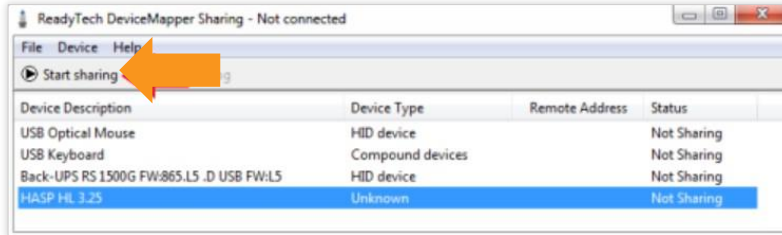
1. Open the **DeviceMapper client** on your local system.

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2. Select your **local USB device** in the DeviceMapper application, then click **Start sharing**.
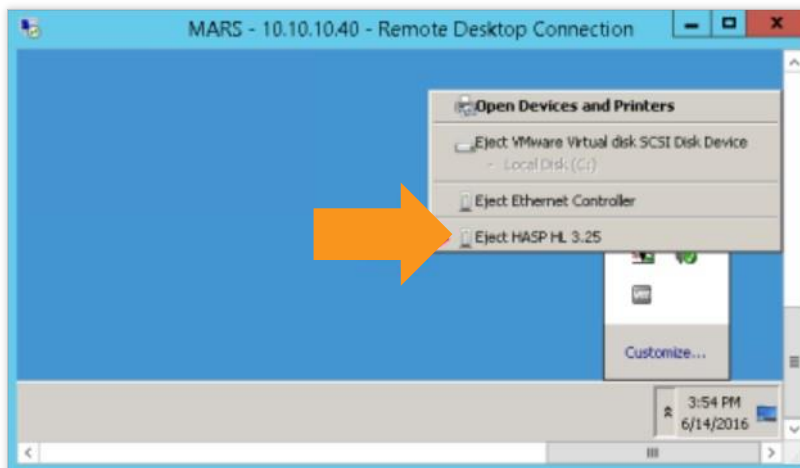

3. Paste the **IP address** and **port** copied earlier into the Remote address prompt, then click **OK**.

If you did not copy the IP address and port from earlier, find it on the Lab page below External connections.

Accessing your USB device in the remote lab

Connect to your remote lab and find your local USB device in the Windows system tray.

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