

iSCSI Storage

For this lab, you will configure FreeNAS to act as an iSCSI target for a Windows server.

The VMs for this lab are located under the vApp named: user_CSC437_Lab01_SAN

Requirements

- Details on accessing the software and walking through the setup process are included in the class video
- The FreeNAS operating system is already installed
- Configure FreeNAS to act as an iSCSI target
 - Allocate storage using all of the 8GB drives installed in the virtual machine
 - Create the appropriate target and initiator configuration
 - Allocate storage on a virtual disk/volume/file extent
 - Publish the extent with an appropriate LUN assigned
- From the Windows system, connect and format the LUN from FreeNAS
 - Enable the iSCSI initiator service
 - Connect to the target, format the LUN
- **Submit a screenshot showing the title bar of your VM that also displays the FreeBSD disk that appears in the Windows Device Manager once the target is connected to the initiator.**
 - **Make sure to reference the Screenshot Standards PDF in the content section of D2L**

Accessing the lab/FAQs

- I recommend using Firefox or Chrome
- The lab is accessible by browsing <https://ialab.dsu.edu>
- Log in using the username for your DSU email (don't use your actual email address, use the username)
- The password is the same as your DSU email
- Watch your popup blocker, the VM will open as a popup.
- If numbers appear when typing on your laptop, disable numlock