

Sandbox Page

Preamble

Evergreen Co-op was established for the purpose of teaching, learning and living in cooperation with each other and the community. We are guided by these cooperative principles:

- 1. **1.** Membership is open to all, without social, political, gender, ethnic, or sexual orientation discrimination.
- 1. **2.** Democratic decision making, one person = one vote.
- 1. **3.** Limited interest, if any, on capital placed with the house.
- 1. **4.** Savings distributed equally, or placed for the further development of the house.
- 1. **5.** Constant education of members in co-op principles and methods.
- 1. **6.** Cooperation with other cooperatives.
- 1. **7.** Concern for community.

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Deploy

Hardware

FreeNAS can be installed on almost any hardware but to best suit the requirements of B-C-D it must meet the following:

- An Intel atom or higher with ECC compatability.
- 8+ GB of ECC RAM (speed is not important as long as it is compatible with the motherboard. ECC is important).
- Flash based storage for the OS. SSD is recomended for reliability but a USB flash drive is completely acceptable.

Steps to connect to Active Directory

- 1. 1.Select **Directory Service > Active Directory.**

2. Enter the DNS name of the domain (exaple.com instead of just example) in the **Domain Name** section. Enter the user name and password in the proceeding sections to authenticate to the domain (use an account that has permission to bind to the network).
3. Click **Advanced Mode**.
4. Add the main Domain Controller under the **Domain Controller** section (winserver1).
5. Last check to ensure **Lsmap backend** is **rid** then select **Save**.
6. The FreeNAS server now binds to the domain (which may take 5 to 15 minutes).
7. To confirm the bind was successful open a command prompt and run `wbinfo -u` and you should get a list of all users on the domain.
8. If there are issues read the official FreeNAS documentation on binding to a domain.

Steps to Deploy a Samba share

1. Connect to FreeNAS.
2. If needed create a new volume.
3. Set the permissions on the new volume by selecting the volume then **Change Permissions**.
4. Using the two **Owner** drop downs, select the appropriate user and group owners.
5. Next select **Windows** in the **Permission Type:** section.
6. Finally select **Set permission recursively:** then click **Change**.
7. Next select **Sharing > Windows (SMB) Shares > Add Windows (SMB) Share**.
8. Select the volume you created under **Path:** then add the name it will be accessed by under **Name:**.
9. Leave the rest at the default and click **OK**.
10. By creating the share Samba will be activated as well.

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