Creating a PXE Server

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1 Purpose

The purpose of this document is to give a baseline instruction set of how to build a PXE and storage server suitable for use with Panucci.

1.1 End Goals

- PXE Server to boot client machines from
- NFS server to serve client root and images
- Client image
- NAT passthrough for network traffic

1.2 Outline of Path

1. Install Ubuntu Server on server machine
2. Configure Network Interfaces
3. Configure DHCP
4. Configure TFTP
5. Configure `pxelinux`
6. Configure NFS
7. Create client base
8. Configure client base for network boot
9. Copy client base to server
10. Finish configuring `pxelinux`
11. Test and boot