

OPE Docking Station – Quick Setup

# Unpacking

1. Plug the Network port into your student network (Green cable in Washington State DOC)
2. Plug in power
3. Plug USB cables into laptops as needed

# Network Port Configuration

The network port uses DHCP to configure itself. It can use a dynamic address. If you NEED a static address, contact the developers at <https://github.com/operepo/ope> for help (DHCP is STRONGLY advised).

# Server/DNS Configuration

The OPE Project includes Docker apps that include DNS, Web Proxy, LMS (Canvas), and windows imaging services. It is assumed that those servers are installed (see <https://github.com/operepo/ope_server_sync_binaries> )

In addition, it is assumed that if you can resolve the name fog.ed to the proper IP, the box should be able to find it and auto configure PXE boot.

Windows Active Directory can be setup with a conditional forwarder to send all “ed” domain requests to the OPE server IP (see documentation at <https://github.com/operepo/ope_documentation> ). This should already be in place if you have the OPE server setup correctly.

# More Networking Info

The OPE Docking Station, uses NAT/Firewall settings and runs its own DHCP server for laptops with IP addresses in the 202.5.222.0 range. It should be its own mini network dedicated to allowing laptops to access the student network in a secure manor.

# Note about On Campus/Online Use

For facilities where it is advantageous to image laptops on campus, you can use this box there. Make sure to add the conditional forwarder for the “ed” domain to the on campus OPE server (see “Server/DNS Configuration” above), and this box should work just fine for loading windows on the laptops.

**NOTE:** The “Credential” process HAS to be done **AT THE PRISON FACILITY**. This part configures the laptop for a specific inmate student. As part of the process it links it to the Canvas server which includes modifying the student profile on the Canvas server. This will NOT sync between online/offline servers. You need to link to the Canvas server where the student will be syncing (e.g. you can credential on campus to try things out, but the laptops you hand to students need to be linked to the server they can connect to on the prison student network).