



Operations Infrastructure for ArgonCube 2x2 Demonstrator

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02-Feb-2022

DUNE docdb #



Wiki

- Fermilab Redmine Project
 - <https://cdcvcs.fnal.gov/redmine/projects/argoncube-2x2-demonstrator/wiki/Wiki>
 - Access with SSO
 - SSO = Single Sign On with Fermilab Services Account
 - Once you login with SSO the Project manager gives write permissions
- We can use a different location for information???

Connect to a Remote Desktop

- VNC/noVNC combination for console access
- Virtual Network Computing (VNC)
 - Wikipedia - Virtual Network Computing (VNC) is a graphical desktop-sharing system to remotely control another computer. It transmits the keyboard and mouse input from one computer to another, relaying the graphical-screen updates, over a network.
 - LArTF vnc server
 - VNC server runs on acd-srv01
 - Always running and automatically starts when the computer boots.
- noVNC (novnc.com)
 - Access a VNC client through a web browser
 - Don't need to install software on your computer
 - LArTF novnc server also runs on acd-srv01

LArTF Remote Desktop

- Runs on acd-srv01 under the acdemo account
 - <https://cdcv.s.fnal.gov/redmine/projects/argoncube-2x2-demonstrator/wiki/Wiki#acd-srv01-at-LArTF-acdemo-account>
- acd-srv01 at LArTF (acdemo account)
 - Create ssh tunnel - `ssh -L 11443:acd-srv01.fnal.gov:443 acdemo@acd-gw01.fnal.gov`
 - Connect to vnc with web browser - `https://localhost:11443`
 - Connect - argoncube
- When connecting for the first time your browser will display a security warning. You are tunneling through ssh so the connection is secure. Follow the instructions from the security warning in your browser to allow the connection.