



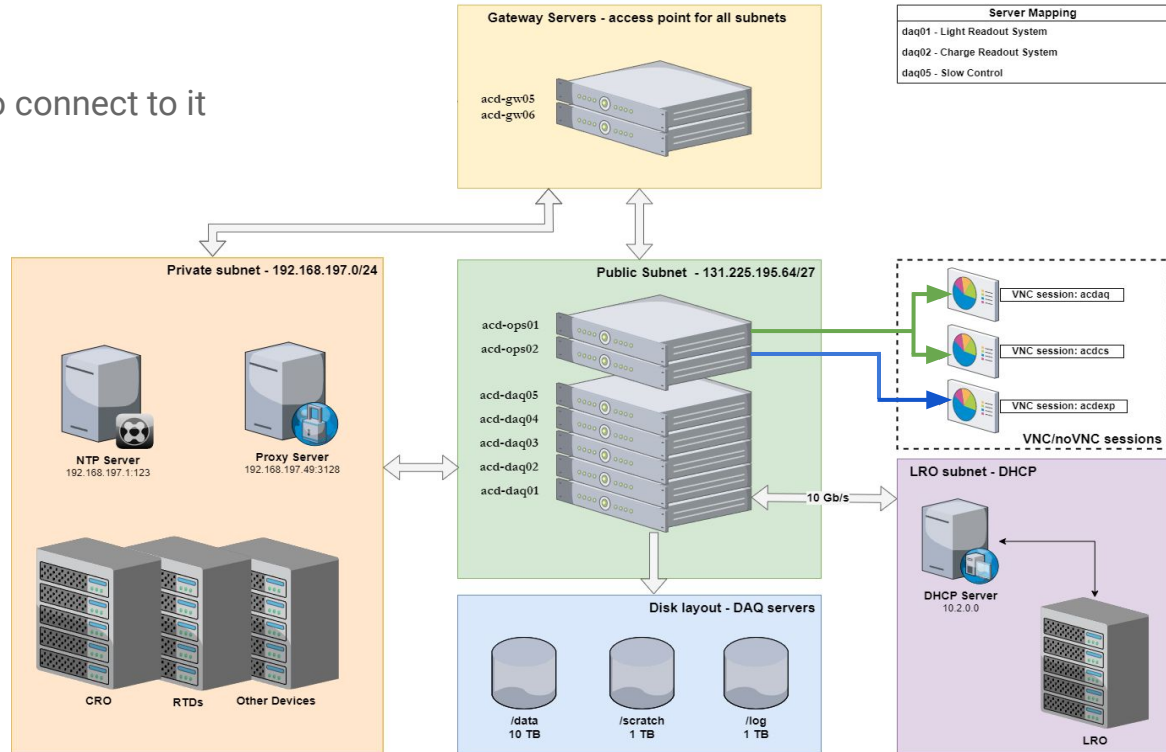
How to access 2x2 VNCs

VNC layout

Currently we have 3 VNC setup on the group accounts

- **acdaq** -> ops01 -> Data acquisition
- **acdcs** -> ops01 -> Slow Control
- **acdexp** -> ops02 -> experimentation

All VNCs are displayed over http. Best way to connect to it is by forwarding port 443 to your localhost.



Accessing at your own computer

First step is to kinit with your credentials:

- `kinit <principal>@FNAL.GOV`

After receiving your kerberos ticket, open a tunnel to forward port 443.

For acdaq:

- `ssh -L 1443:acd-ops01.fnal.gov:443 acdaq@acd-gw05.fnal.gov`

For acdcs:

- `ssh -L 2443:acd-ops01.fnal.gov:443 acdcs@acd-gw05.fnal.gov`

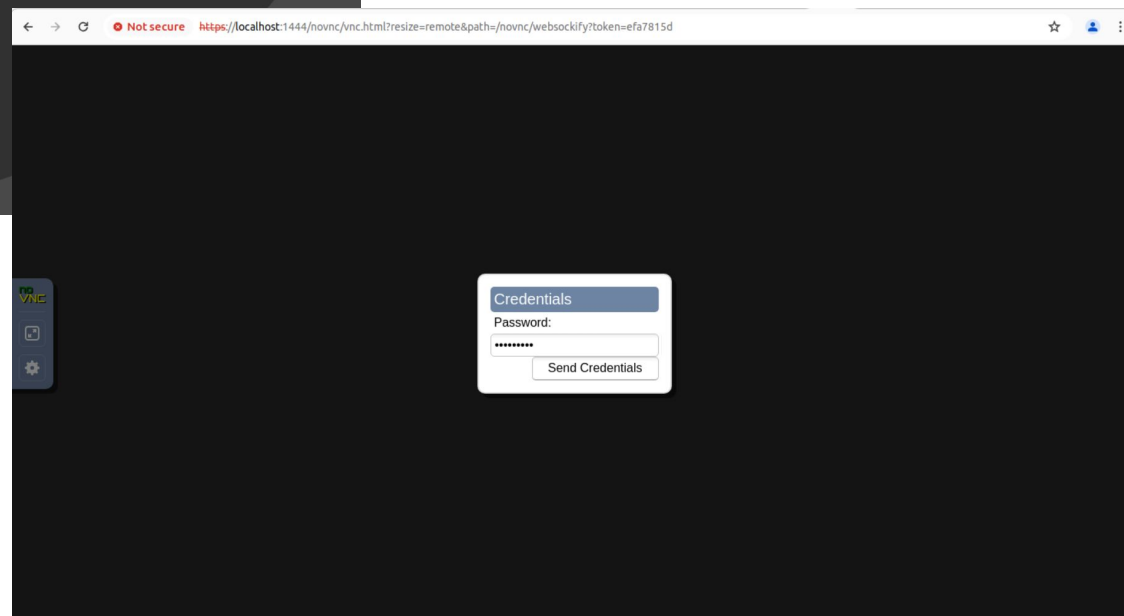
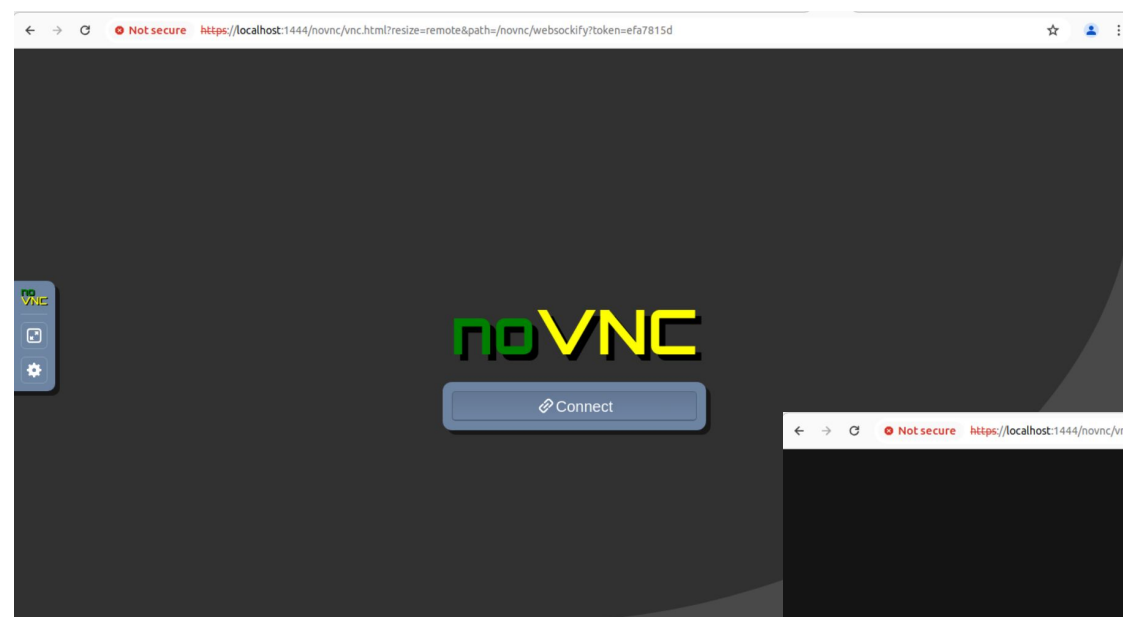
For acdexp:

- `ssh -L 3443:acd-daq01.fnal.gov:443 acdaq@acd-gw05.fnal.gov`

Then go to your browser and access either <https://localhost:1443>, <https://localhost:2443> or <https://localhost:3443>, for the respective group accounts.

A webpage with the group account names will be displayed. Choose the respective one.





Not secure https://localhost:1444/novnc/vnc.html?resize=remote&path=/novnc/websockify?token=efa7815d

Applications ArgonCube2x2 - Main W... Firefox Ignition Vision Client La...

GIZMO Impedance Monit x +

acd-daq05:3000/d/W6fcPQHsk/gizmo-impedance-monit

Home > Das > 2x2 Slow ... > GIZMO Impe... ☆

GIZMO MONITORING

Impedan

Impedance (Ohms)

167 Ω

— Impedance

— Grouped (1 min)

167.4

Phase

Phase (deg)

-1.11°

— Phase

Impedance (ohm)

167.4 Ω

167.2 Ω

04:00 05:00 06:00 07:00 08:00 09:00

Name Last *

— Impedance 167 Ω

— Grouped (1 min) 167 Ω

Phase (deg)

-1.1°

-1.15°

04:00 05:00 06:00 07:00 08:00 09:00

Name Last *

— Phase -1.11°

ArgonCube2x2 - Main Window

ArgonCube2x2 - Main Window

Settings

1:1

Settings

Applications GIZMO Impedance Moni... Ignition Vision Client La... 2024-04-18 10:17 Dune

GIZMO Impedance Monit x +

acd-daq05:3000/d/W6fcPQhSk/gizmo-impedance-monitor?orgId=1&refresh=5s

Home > Dashboards > 2x2 Slow Controls > GIZMO Impedance Monitor

GIZMO MONITORING

Impedance

167 Ω

Impedance (Ohms)	Frequency
167.1	1500
167.2	0
167.3	750
167.4	0

Impedance (Ohms)

Impedance

Impedance (ohm)

Name	Last *
Impedance	167 Ω
Grouped (1 min)	167 Ω

Phase

-1.11 $^\circ$

Phase (deg)	Frequency
-1.156	0
-1.132	50
-1.108	350
-1.084	350

Phase (deg)

Name	Last * $^\circ$
Phase	-1.11 $^\circ$
Grouped (1 min)	-1.11 $^\circ$

Phase (deg)