

2-DRC INSIGHT - Ubuntu COS Installation

Purpose: Install the COS Service Device on Ubuntu and verify the core services start correctly.

Prerequisites

- Ubuntu 22.04 or 24.04
 - Sudo/root access
 - Internet access
 - Installer package from the DRC portal
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Step 1 - Update Ubuntu

```
sudo apt update && sudo apt upgrade -y
```

Step 2 - Install Required Dependencies

```
sudo apt install -y \  
libxcb-xinerama0 \  
libalt-getopt-complete-perl \  

```

```
libxcb-iccmm4 \  
libxcb-image0 \  
libxcb-keysyms1 \  
libxcb-render-util0 \  
libxcb-xkb1 \  
libxkbcommon-x11-0
```

Critical:

If these packages are missing, COS may install incompletely, fail silently, or launch only partial services.

Step 3 - Fix /tmp Permissions

```
sudo chmod 1777 /tmp  
ls -ld /tmp
```

The COS installer writes temporary lock files to `/tmp`. Incorrect permissions can break the installer.

Step 4 - Clean a Failed Installation (If Needed)

```
sudo rm -rf /opt/CentralOffice  
sudo rm -f /tmp/coinstaller*.lock
```

Step 5 - Run the Installer

```
chmod +x silent-linux.sh  
sudo ./silent-linux.sh
```

DRC recommends using the default install locations. During installation, save the setup URL displayed by the wizard, because it can be used to resume or complete the process.

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Step 6 - Verify Installation Files

```
ls /opt/CentralOffice
```

Expected folders include:

- management
 - relay
 - proxy
 - contenthosting
 - setup
-

Step 7 - Verify Running Services

```
sudo /opt/CentralOffice/node \  
/opt/CentralOffice/setup/node_modules/forever/bin/forever -p /opt/CentralOffice list
```

Expected:

- management
 - relay
 - proxy
 - contenthosting
-

Step 8 - Check Active Ports

```
sudo ss -tulnp | grep node
```

DRC training shows COS uses a base port, commonly 55222, and assigns consecutive ports from there. In this deployment, the active ports observed were 55223, 55224, and 55225.

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Step 9 - Test Local Response

```
curl -I http://127.0.0.1:55223
```

Expected Result:

HTTP 404 on the root path is acceptable. It confirms the service is alive even if the root URL is not the correct application route.

Next Page: DRC Portal Configuration

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