

# UrBackup Server & Client Installation Guide

## 1. Prerequisites

- You're operating as **root**—no need for `sudo` (and it may not even be installed).
- On Linux, use filesystems **EXT4** or **XFS** (necessary for image downloads)
- Have at least **1-2 GB free** in `/tmp` (default unpacking site).

## 2. Install UrBackup Server (Debian/Ubuntu-based)

```
# Update base packages
apt update
apt install curl gnupg2 software-properties-common
```

### Option A: PPA method

```
add-apt-repository ppa:uroni/urbackup
apt update
apt install urbackup-server
```

### Option B: Direct .deb download

```
wget https://hndl.urbackup.org/Server/2.5.33/urbackup-server_2.5.33_amd64.deb
dpkg -i urbackup-server_2.5.33_amd64.deb
apt install -f # fix missing dependencies
```

“ You'll be prompted to choose a backup directory—e.g., `/media/backup/urbackup`

## 3. Enable & Verify Service

```
systemctl enable urbackupdrv
systemctl start urbackupdrv
systemctl status urbackupdrv
ss -antpl | grep -E "5541[34]"
```

- Ports: **55413** (FastCGI), **55414** (HTTP)

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## 4. Access Web Interface

Open your browser to `http://<server-ip>:55414`.

1. Go to **Settings** → **Users**, create an **admin account** to secure the web UI
2. Tweak general settings like backup retention, temporary path, etc., via `/etc/default/urbackupdrv` or the UI

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## 5. Install UrBackup Client (Linux)

On the client machine (as root):

```
TF=$(mktemp)
wget "https://hdl.urbackup.org/Client/2.5.25/UrBackup%20Client%20Linux%202.5.25.sh" -O "$TF"
sh "$TF"
rm -f "$TF"
```

- You'll be asked to choose a **snapshot mechanism**:
  - **LVM**, **datto**, or **none** (bare-metal backup needs LVM or root snapshot).

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## 6. Register & Configure Client

Back on the **server web UI**:

1. Click **"Add new client"**, choose network or internet type.
2. Copy the install command and run it on the client (as above).

On the client, add directories to back up:

```
urbackupclientctl add-backupdir -d /path/to/important
```

Repeat for all directories you want to include

## 7. Monitor & Manage Backups

- Use **Status**, **Backups**, and **Activities** tabs to check client status and jobs
- **Delete old backups** manually in the UI or run `urbackupsrv cleanup` on the server for automated cleanup

## 8. Uninstall Client (if needed)

```
uninstall_urbackupclient
```

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## Why UrBackup?

- Simple web interface
  - Supports **file-level + image backups** while live
  - Efficient **deduplication** - minimizes storage use during repeated backups
  - Works across Linux, Windows, FreeBSD
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## Quick Tips

- As root, **drop** `sudo`.
  - Choose **EXT4** or **XFS** on servers for image backup support.
  - Pick the right **snapshot mode** on clients: LVM or none.
  - Always protect your **web UI** with an admin account.
  - Monitor **ports 55413/55414** and ensure they're reachable.
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