

Backing up from any Linux Server

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Proxmox Backup Client Installation

Debian Based Installation

For Debian based systems, please add the following information to your system.

To configure the repository, you will need to setup the Proxmox release key first. On your server, get the key from the following site below:

```
https://enterprise.proxmox.com/debian/proxmox-release-[debian version].gpg
```

Once you have the key on your server, move it to `/usr/share/keyrings/`

To add the repository, in `/etc/apt/sources.list.d`, create a file named `proxmox.sources` and add the following below:

```
Types: deb
URIs: http://download.proxmox.com/debian/pbs
Suites: [debian version]
Components: pbs-no-subscription
Signed-By: /usr/share/keyrings/proxmox-release-[debian version].gpg
```

Once you have this saved go ahead and run the following commands:

```
apt update
apt-get install proxmox-backup-client
```

When the installation finished you should be able to run `proxmox-backup-client` and get the following manual:

```
Error: no command specified.
Possible commands: backup, benchmark, catalog, change-owner, garbage-collect, group, help, key, list, login, logout, map, mount, namespace, prune, restore, snapshot, status, task, unmap, version

Usage:
proxmox-backup-client backup {<backupspec>} [OPTIONS]
proxmox-backup-client benchmark [OPTIONS]
proxmox-backup-client catalog dump <snapshot> [OPTIONS]
proxmox-backup-client catalog shell <snapshot> <archive-name> [OPTIONS]
proxmox-backup-client change-owner <group> <new-owner> [OPTIONS]
proxmox-backup-client garbage-collect [OPTIONS]
proxmox-backup-client group forget <group> [OPTIONS]
proxmox-backup-client help [{{<command>}}] [OPTIONS]
proxmox-backup-client key change-passphrase [<path>] [OPTIONS]
proxmox-backup-client key create [<path>] [OPTIONS]
proxmox-backup-client key create-master-key
proxmox-backup-client key import-master-pubkey <path>
proxmox-backup-client key import-with-master-key [<path>] --encrypted-keyfile <string> --master-keyfile <string> [OPTIONS]
proxmox-backup-client key paperkey [<path>] [OPTIONS]
proxmox-backup-client key show [<path>] [OPTIONS]
proxmox-backup-client key show-master-pubkey [<path>] [OPTIONS]
proxmox-backup-client list [OPTIONS]
proxmox-backup-client login [OPTIONS]
proxmox-backup-client logout [OPTIONS]
proxmox-backup-client map <snapshot> <archive-name> [OPTIONS]
proxmox-backup-client mount <snapshot> <archive-name> <target> [OPTIONS]
proxmox-backup-client namespace create [<ns>] [OPTIONS]
proxmox-backup-client namespace delete [<ns>] [OPTIONS]
proxmox-backup-client namespace list [<ns>] [OPTIONS]
proxmox-backup-client prune <group> [OPTIONS]
proxmox-backup-client restore <snapshot> <archive-name> <target> [OPTIONS]
proxmox-backup-client snapshot files <snapshot> [OPTIONS]
proxmox-backup-client snapshot forget <snapshot> [OPTIONS]
proxmox-backup-client snapshot list [<group>] [OPTIONS]
proxmox-backup-client snapshot notes show <snapshot> [OPTIONS]
proxmox-backup-client snapshot notes update <snapshot> <notes> [OPTIONS]
proxmox-backup-client snapshot protected show <snapshot> [OPTIONS]
proxmox-backup-client snapshot protected update <snapshot> <protected> [OPTIONS]
proxmox-backup-client snapshot upload-log <snapshot> <logfile> [OPTIONS]
proxmox-backup-client status [OPTIONS]
proxmox-backup-client task list [OPTIONS]
proxmox-backup-client task log <upid> [OPTIONS]
proxmox-backup-client task stop <upid> [OPTIONS]
proxmox-backup-client unmap [<name>]
proxmox-backup-client version [OPTIONS]
```

If you have any issues installing the client, please refer to [Proxmox's Official Documentation](#) or reach out to support@untangledtechnology.com

Backing Up

Backing Up

How to Backup Your Data

To backup your data/files from your server, you will need your encryption key file and password.

Your repository will be:

```
Account_Name@pbs@hostname/IP:Account_Name
```

Example command for backing up a folder or file

```
proxmox-backup-client backup [linux_user].pxar:[folder/file path] --repository [your repository link] --keyfile /path/to/encryption/file.key
```

For more in depth or complex backup commands, please refer to [Proxmox's Backup Usage Manual](#).

Restoring Backups

How to Restore Your Backups

[Proxmox's Official Documentation](#)

First, ensure that you have the encryption key file and the encryption file password ready to go. If you have forgotten either, please check your onboarding email for the details.

To connect to the backup server repository, login with the following command. You will be prompted to enter your password.

```
proxmox-backup-client login --repository "FirstName_LastName@pbs@[Hostname or IP]:[Datatore  
Name]
```

Once you have successfully logged in, run the following command to see your backup snapshots.

```
proxmox-backup-client snapshot list
```

To restore your selected files you can use the following command

```
proxmox-backup-client restore [host/example/2026-01-30T23:06:35Z] index.json --repository ""  
--keyfile /path/to/keyfile
```

Removing/Pruning Backups

Removing/Pruning Backups

How to Remove Backups

To remove backups, please refer to the following [documentation](#)

For additional information on how to use the proxmox-backup-client to prune your backups, please refer to [Proxmox's Official Documentation](#)