

1027 - ESE for Linux

 support.redstor.com/hc/en-gb/articles/115002725873-1027-ESE-for-Linux

The Enterprise Server Edition (ESE) Data Management Agent is available on Linux platforms.

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Note: Please refer to the [System Requirements and Compatibility Matrix](#) for supported operating systems and requirements.

A. First-time Installation of the Agent

Ubuntu

1. Install the Backup Pro ESE package:
`sudo dpkg -i <Client dpkg file>`
2. Add the relevant user to the newly created "backuppro" group:
`sudo usermod -G backuppro -a <your user>`
3. Log out if necessary and log in as the user you have added.
4. Check that the service has been started and start it if necessary:
For Ubuntu 16.04 and later: `systemctl status backuppro.service`
For Ubuntu pre 16.04: `service backuppro status`
Note: See [Controlling the Backup Pro service](#) below for more command options.
5. Start the Agent UI:
Launch "Redstor Pro ESE" from the desktop, or run `backupprogui` from a terminal.
Note: If you're running a headless environment, see [Command-line options](#) below.

Red Hat Enterprise Linux / CentOS

1. Switch to the root user:
`su -`
2. Install the Backup Pro package:
`rpm -i <Client rpm file>`
3. Add relevant users to the newly created "backuppro" group:
`usermod -G backuppro -a <user>`
4. Now log in as the <user> user

5. Check that the service has been started and start it if necessary:

For RHEL 7.x: `systemctl status backuppro.service`

For RHEL 6.x: `service backuppro status`

Note: See Controlling the Backup Pro service below for more command options.

6. Start the Agent UI:

Launch "Redstor Pro ESE" from the desktop, or run `backupprogui` from a terminal.

Note: If you're running a headless environment, see Command-line options below.

Controlling the Backup Pro service

On Linux distros that use systemd, control the Backup Pro service with the following command:

```
systemctl [start/stop/status] backuppro.service
```

Example: `systemctl start backuppro.service`

On other Linux distros, control the Backup Pro service with the following command:

```
service backuppro [start/stop/status]
```

Example: `service backuppro start`

B. Performing upgrades manually

Ubuntu

1. Check the current version:

```
dpkg -l redstorbackuppro
```

2. Upgrade the software:

```
dpkg -i <new Client dpkg file>
```

3. Check that the service has been started and start it if necessary:

```
systemctl status backuppro.service
```

Note: See Controlling the Backup Pro service for other command options.

Red Hat Enterprise Linux / CentOS

1. Check the current version:

```
rpm -q redstorbackuppro
```

2. Upgrade the software:

```
rpm -U <new Client rpm file>
```

3. Check that the service has been started and start it if necessary:

```
systemctl status backuppro.service
```

Note: See Controlling the Backup Pro service for other command options.

On both Red Hat Enterprise Linux and Ubuntu, the UI will be closed. During the upgrade process, the Backup Pro service will be stopped and restarted automatically.

C. Performing updates automatically

When Agent updates are downloaded from the [Downloads page](#) and installed on the relevant Storage Platform, these updates are automatically downloaded to the Agent machine and installed at the next backup (or on next restarting the backup service).

D. Relevant directories and paths

Backup Pro service

/etc/systemd/system/backuppro.service

or

/etc/init.d/backuppro

Desktop icon info

/usr/share/applications/backuppro.desktop

GUI and command line tools

/usr/bin/backupprogui

/usr/bin/backupprocli

Config files (*.properties)

/etc/opt/backuppro/a5backup.properties

/etc/opt/backuppro/backupset.xml

/etc/opt/backuppro/defaults.properties

/etc/opt/backuppro/log.properties

/etc/opt/backuppro/service.properties

/etc/opt/backuppro/sp.properties

/etc/opt/backuppro/ui-log.properties

Other files in /etc/opt/backuppro/

a5profile.properties

backupgui.properties (will be created on first opening the Agent UI)

connection.properties

Agent library files

/opt/backuppro/lib

Agent JRE

/opt/backuppro/a5jre

Backup and restore logs

/var/log/backuppro/Backup{date}.log

/var/log/backuppro/Backup{date}.log

Example: /var/log/backuppro/fsaccessBackup20170421190003.log

Service and UI log - -

/var/log/backuppro/fsaccess.log

/var/log/backuppro/service.log

/var/log/backuppro/service_errors.log

/var/log/backuppro/ui.log

Backup cache and history

/var/opt/backuppro/data/history/<Account GUID folder>

/var/opt/backuppro/data/temp

Agent active tasks

/var/opt/backuppro/tasks

E. Uninstalling the Agent

Ubuntu: Partial removal for subsequent reinstallation

This option allows a user to reinstall the Agent later so that it will use the same defaults.properties.

```
dpkg -r redstorbackuppro
```

Note:

- Leaves only files in /etc/opt/backuppro
- Leaves backuppro group

Ubuntu: Complete removal

This will remove all files previously installed for the Agent.

```
dpkg -P redstorbackuppro
```

Note:

- *Removes /etc/opt/backuppro and contents*
- *Removes the backuppro group*

Red Hat Enterprise Linux / CentOS

This will leave copies of configuration files with a .rpmsave extension.

```
rpm -e redstorbackuppro
```

Note:

- *Leaves *.rpmsave files in /etc/opt/backuppro*
- *Removes the backuppro group*

F. Command-line options

For useful commands for the Agent, see [this article](#).