

Maintenance for Backups

Verification, Pruning and Garbage Collection

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Verification Jobs

What is a verification job?

On Proxmox Backup Server, a verification job checks all the backups you have on your datastore to ensure there hasn't been any corruption or bit rot. Usually it is best to schedule verification jobs whenever you are not backing up data to your datastore or around any downtime.

Setting Up a Verification Job

To setup a verification job, you can either login to your backup server or the TAC.GLOBAL dashboard. We advise setting up your verification job through the dashboard since you can enable email notifications for the status and runtime of your verification job.

Login to the dashboard [here](#).

On the home page, navigate to the verification job table.

The screenshot displays the TAC.GLOBAL dashboard interface. At the top, there's a navigation bar with 'Home', 'Billing', and 'Account' links. Below this, a dropdown menu shows 'Shared-1'. The dashboard is divided into several sections:

- STORAGE:** A bar chart showing 841.75 MB used out of 250.00 GB. An 'Add Space' button is present.
- ENCRYPTION STATUS:** A large red '66.67%' indicating that 2 of 3 backups are encrypted. A 'Recover Key' button is below it.
- BACKUPS:** A table listing backup details.
- VERIFICATION JOBS:** A table listing verification jobs, highlighted with a red border. It includes columns for Job ID, Last Run, Last Run State, Next Run, Frequency, and actions (Run, Edit, Delete). A red box highlights the 'Run Job' button for the 'Temilolu_Fayomi' job.

At the bottom right of the verification jobs table, there is an 'Add New Job' button.

TYPE	BACKUP ID	SIZE	ENCRYPTED	BACKUP TIME	VERIFICATION STATE
host	sbc-mongodb	414.06 MB	Unencrypted	Thursday, April 16, 2026 @ 12:43:18 PM	OK
ct	154	579.97 MB	Encrypted	Thursday, April 16, 2026 @ 12:39:57 PM	OK
ct	155	1.17 GB	Encrypted	Thursday, April 16, 2026 @ 12:38:56 PM	OK

JOB ID	LAST RUN	LAST RUN STATE	NEXT RUN	FREQUENCY	RUN	EDIT	DELETE
Temilolu_Fayomi	Wednesday, April 29, 2026 @ 12:28:19 PM	OK	Monday, May 04, 2026 @ 12:00:00 AM	Weekly	Run Job	Edit Job	Delete Job

In the bottom right corner, click to add a new job.

ADD VERIFICATION JOB

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It's best to schedule verification jobs during down times and outside of any scheduled backup jobs

ID

Frequency
Schedule

Verification Outdated After (Days)

Comment

Save Changes

You can set how many days you'd like the verification status to last, but once the verification outdated number of days has passed your verification job will check the backup to ensure no corruption/bit rot.

Pruning Jobs & Retention Policy

Setting Up A Prune Job

There are two ways you can set up/schedule a prune job. You can do it through the backup server or through the dashboard. We suggest setting it up through the dashboard.

The screenshot displays the TAC Global dashboard interface. At the top, there's a navigation bar with 'Home', 'Billing', and a user profile 'Temilolu_Fayomi'. Below this, a 'Shared-1' dropdown and a 'Go to Server' button are visible. The dashboard is divided into several sections:

- STORAGE:** A bar chart showing 841.75 MB used out of 250.00 GB. An 'Add Space' button is present.
- ENCRYPTION STATUS:** Displays '66.67%' with the note '2 of 3 backups encrypted' and a 'Recover Key' button.
- BACKUPS:** A table listing backup jobs with columns for Type, Backup ID, Notes, Size, Encrypted status, Backup Time, and Verification State.
- VERIFICATION JOBS:** A table showing verification jobs with columns for Job ID, Last Run, Last Run State, Next Run, Frequency, Run, Edit, and Delete.
- PRUNE JOBS:** A table (highlighted with a red border) for managing prune jobs, with columns for Job ID, Last Run, Last Run State, Next Run, Frequency, Run, Edit, and Delete.

The PRUNE JOBS table contains one entry: 'Default-Test' with a last run of 'Thursday, June 04, 2026 @ 12:00:00 AM', a state of 'OK', and a next run of 'Friday, June 05, 2026 @ 12:00:00 AM'. It is scheduled 'Daily'. Action buttons 'Run Job', 'Edit Job', and 'Delete Job' are available for each entry, along with an 'Add New Job' button at the bottom right of the section.

Under there you can view, edit, run or delete any existing jobs. To add a new job, hit Add New Job under the prune job table.

ADD PRUNE JOB

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ID

Frequency
Schedule

▼

Retention Policy

Keep Last

Keep Hourly

Keep Daily

Keep Weekly

Keep Monthly

Keep Yearly

Comment

Add Prune Job

Once the prune job is added, it will show up in the prune jobs table.

Retention Policies

With pruning jobs you can set how long you'd like backups to be kept for. You can define multiple rules for the retention policy and a backup can be kept if it satisfies multiple rules defined. Pruning only removes the reference of your backups to your datastore, but it doesn't remove the actual backup. Backups are only removed when a garbage collection job is run. The table below refers to all the retention policy rules that can be applied. Proxmox also has a [pruning job simulator](#) you can use to visualize your rules.

Option	What it keeps	Example
<code>keep-last</code>	The N most recent backups, regardless of age	<code>3</code> — always keep the last 3 backups
<code>keep-hourly</code>	One backup per hour, for N hours	<code>24</code> — one per hour for the last day

Option	What it keeps	Example
keep-daily	One backup per day, for N days	7 — one per day for the last week
keep-weekly	One backup per week, for N weeks	4 — one per week for the last month
keep-monthly	One backup per month, for N months	6 — one per month for the last half-year
keep-yearly	One backup per year, for N years	1 — one per year, kept indefinitely if set high

Garbage Collection Jobs

Setting Up Your Garbage Collection Job

By default, a garbage collection job is already set for your server that runs daily. Any data that has been pruned gets removed when this job runs.

To edit the garbage collection job, login to the [TAC.GLOBAL dashboard](#). On the homepage at the bottom, you should see your garbage collection job. Click Edit Job.

BACKUPS

TYPE	BACKUP ID	NOTES	SIZE	ENCRYPTED	BACKUP TIME	VERIFICATION STATE
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One Step Install

VERIFICATION JOBS

JOB ID	LAST RUN	LAST RUN STATE	NEXT RUN	FREQUENCY	RUN	EDIT	DELETE
verify-Test_Account2	Monday, July 06, 2026 @ 12:00:00 AM	OK	Monday, July 13, 2026 @ 12:00:00 AM	Weekly	Run Job	Edit Job	Delete Job

Add New Job

PRUNE JOBS

JOB ID	LAST RUN	LAST RUN STATE	NEXT RUN	FREQUENCY	RUN	EDIT	DELETE
default-zpool1-c37fb9d7-febf-4d6	N/A	N/A	Wednesday, July 01, 2026 @ 12:00:00 AM	Daily	Run Job	Edit Job	Delete Job
prune-Test_Account2	Monday, July 06, 2026 @ 12:00:00 AM	OK	Monday, July 13, 2026 @ 12:00:00 AM	Weekly	Run Job	Edit Job	Delete Job

Add New Job

GARBAGE COLLECTION

LAST RUN	LAST RUN STATE	NEXT RUN	REMOVED BYTES	FREQUENCY	RUN	EDIT
Monday, July 06, 2026 @ 12:00:04 AM	OK	Monday, July 13, 2026 @ 12:00:00 AM	0	Weekly	Run Job	Edit Job

You can adjust the garbage collection job schedule from here.

BACKUPS

TYPE	BACKUP ID	NOTES	SIZE	ENCRYPTED	BACKUP TIME	VERIFICATION STATE
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One Step Install

VERIFICATION JOBS

JOB ID	LAST RUN	LAST RUN STATE	NEXT RUN	FREQUENCY	RUN	EDIT	DELETE
verify-Test_Account2	Monday, July 06, 2026 @ 12:00:00 AM				<button>Run Job</button>	<button>Edit Job</button>	<button>Delete Job</button>

EDIT GARBAGE COLLECTION JOB

Set Schedule

Set Schedule

Daily

Weekly

Monthly

Annually

PRUNE JOBS

JOB ID	LAST RUN	LAST RUN STATE	NEXT RUN	FREQUENCY	RUN	EDIT	DELETE
default-zpool1-c37fb9d7-febf-4d6	N/A			Daily	<button>Run Job</button>	<button>Edit Job</button>	<button>Delete Job</button>
prune-Test_Account2	Monday, July 06, 2026 @ 12:00:00 AM	OK	Monday, July 13, 2026 @ 12:00:00 AM	Weekly	<button>Run Job</button>	<button>Edit Job</button>	<button>Delete Job</button>

GARBAGE COLLECTION

LAST RUN	LAST RUN STATE	NEXT RUN	REMOVED BYTES	FREQUENCY	RUN	EDIT
Monday, July 06, 2026 @ 12:00:04 AM	OK	Monday, July 13, 2026 @ 12:00:00 AM	0	Weekly	<button>Run Job</button>	<button>Edit Job</button>