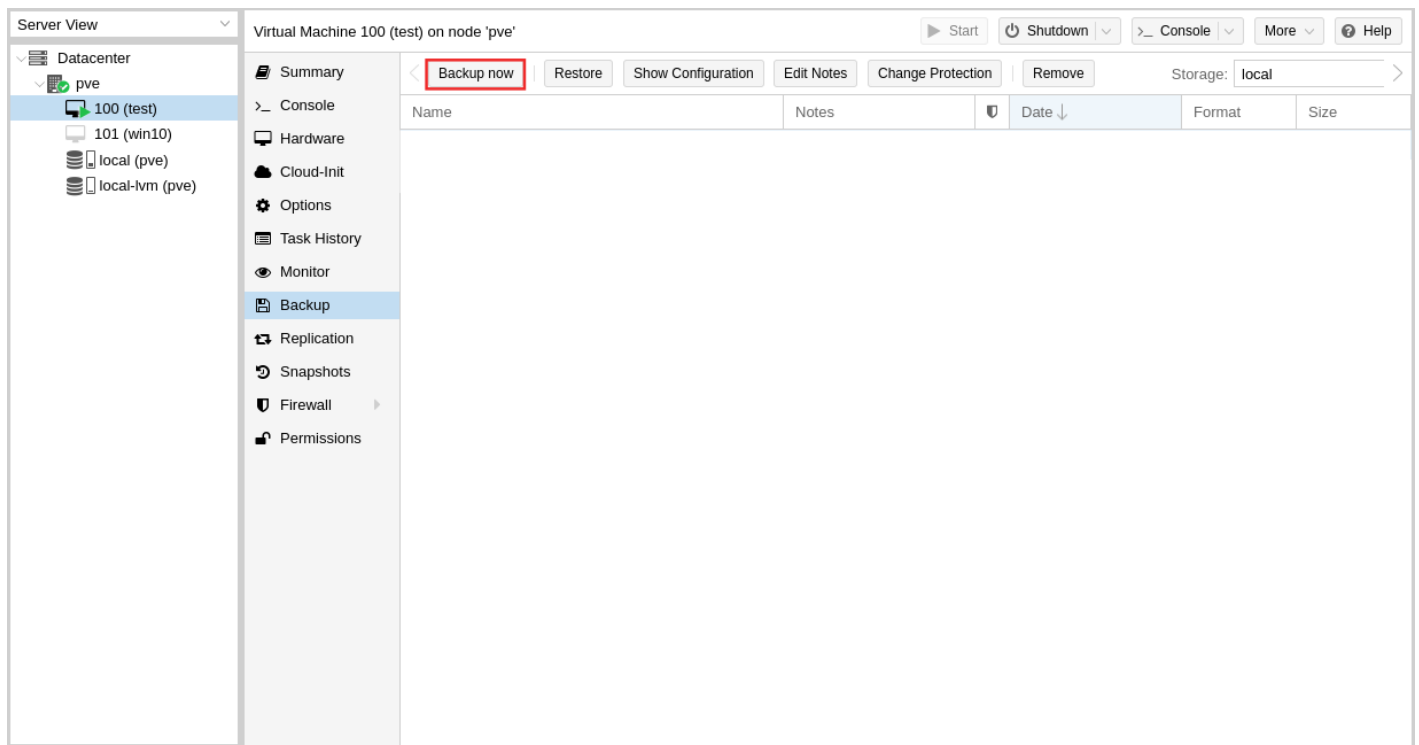


1.

1.

→ Backup → Backup now



Storage : local

Compression : ZSTD(fast and good)

Mode : Snapshot

Backup VM 100

Storage:

local

Compression:

ZSTD (fast and good)

Mode:

Snapshot

Send email to:

none

Protected:

☐

Notes:

{{guestname}}

Help

Backup

Task viewer: VM/CT 100 - Backup

Output

Status

Stop

INFO: status = running
INFO: VM Name: test
INFO: include disk 'virtio0' 'local-lvm:vm-100-disk-2' 32G
INFO: include disk 'efidisk0' 'local-lvm:vm-100-disk-0' 4M
INFO: include disk 'tpmstate0' 'local-lvm:vm-100-disk-1' 4M
INFO: backup mode: snapshot
INFO: ionice priority: 7
INFO: creating vmdump archive '/var/lib/vz/dump/vmdump-qemu-100-2022_11_24-10_48_46.vma.zst'
INFO: attaching TPM drive to QEMU for backup
INFO: skipping guest-agent 'fs-freeze', agent configured but not running?
INFO: started backup task '73a36164-fccf-4702-be7f-fb834be9c7da'
INFO: resuming VM again
INFO: 27% (8.6 GiB of 32.0 GiB) in 3s, read: 2.9 GiB/s, write: 0 B/s
INFO: 65% (20.9 GiB of 32.0 GiB) in 6s, read: 4.1 GiB/s, write: 0 B/s
INFO: 100% (32.0 GiB of 32.0 GiB) in 9s, read: 3.7 GiB/s, write: 162.7 KiB/s
INFO: backup is sparse: 32.00 GiB (99%) total zero data
INFO: transferred 32.00 GiB in 9 seconds (3.6 GiB/s)
INFO: archive file size: 1MB
INFO: adding notes to backup
INFO: Finished Backup of VM 100 (00:00:12)
INFO: Backup finished at 2022-11-24 10:48:58
INFO: Backup job finished successfully
TASK OK

Server View

Datacenter

pve

100 (test)

101 (win10)

local (pve)

local-lvm (pve)

Virtual Machine 100 (test) on node 'pve'

Start

Shutdown

Console

More

Help

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Console

Hardware

Cloud-Init

Options

Task History

Monitor

Backup

Replication

Snapshots

Firewall

Permissions

Backup now

Restore

Show Configuration

Edit Notes

Change Protection

Remove

Storage: local

Name	Notes	Date	Format	Size
vzdump-qemu-100-2022_11_24-11_02_45.vma.zst	test	2022-11-24 11:02:45	vma.zst	1.29 MB

Tasks

Cluster log

Start Time	End Time	Node	User name	Description	Status
Nov 24 11:04:42	Nov 24 11:04:42	pve	root@pam	Erase data	OK
Nov 24 11:02:45	Nov 24 11:02:54	pve	root@pam	VM/CT 100 - Backup	OK
Nov 24 10:48:46	Nov 24 10:48:58	pve	root@pam	VM/CT 100 - Backup	OK
Nov 24 10:27:55	Nov 24 10:27:58	pve	root@pam	VM/CT 100 - Console	OK
Nov 24 09:03:11	Nov 24 10:26:53	pve	root@pam	VM/CT 100 - Console	OK

2.

Datacenter → Backup → Add

Server View

Datacenter

pve

100 (test)

101 (win10)

local (pve)

local-vm (pve)

Datacenter

Search

Summary

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Cluster

Ceph

Options

Storage

Backup

Replication

Permissions

Users

API Tokens

Two Factor

Groups

Pools

Roles

Realms

HA

ACME

Add

Remove

Edit

Job Detail

Run now

Some guests are not covered by any backup job.

Show

Schedule Simulator

Enabled	Node	Schedule	Next Run	Storage	C...	Retention	Selection
---------	------	----------	----------	---------	------	-----------	-----------

Node : ALL

Storage : local

Schedule : 9

Selection mode : Include selection VMs

Create: Backup Job

General
Retention
Note Template

Node:
-- All --
Send email to:
Storage:
local
Email:
Notify always
Schedule:
21:00
Compression:
ZSTD (fast and good)
Selection mode:
Include selected VMs
Mode:
Snapshot
Enable:
☒

Job Comment:

<input type="checkbox"/>	ID ↑	Node	Status	Name	Type
<input checked="" type="checkbox"/>	100	pve	running	test	qemu
<input type="checkbox"/>	101	pve	stopped	win10	qemu

? Help
Create

3. PVE BS

PVE BS

Proxmox Backup Server Login

User name:
root
Password:
.....
Realm:
Linux PAM standard authentication
Language:
English

Save User name:
☐
Login

Proxmox BS

Access Control → User Management → Add

Dashboard

Notes

Configuration

Access Control

Remotes

Traffic Control

Certificates

Subscription

Administration

Shell

Storage / Disks

Tape Backup

Datastore

backup-pbs

Add Datastore

Access Control

User ManagementTwo Factor AuthenticationAPI TokenPermissionsRealms

AddEditRemoveChange PasswordShow Permissions

User name ↑	Realm ↑	Enabled	Expire	Name	Comment
root	pam	Yes	never		

User name :
Password :
Confirm password :

Add: User

User name:backup

First Name:

Password:.....

Last Name:

Confirm password:.....

E-Mail:

Expire:never

Enabled:☒

Comment:

Help

Add

Access Control → API Token → Add

Dashboard

Notes

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Remotes

Traffic Control

Certificates

Subscription

Administration

Shell

Storage / Disks

Tape Backup

Datastore

test01

Add Datastore

Access Control

User ManagementTwo Factor AuthenticationAPI TokenPermissionsRealms

AddEditRemoveShow Permissions

User ↑	Token name ↑	Enabled	Expire	Comment
--------	--------------	---------	--------	---------

User : root@pam

Token Name :

Add: API token

User:backup@pbs

Token Name:test

Comment:

Expire:never

Enabled:☒

Help

Add

ADD

Token Secret

Token ID:root@pam!test001

Secret:1bc1e048-3a93-444d-aecf-b6fe560a

Please record the API token secret - it will only be displayed now

Copy Secret Value

Dashboard → Show Fingerprint

Dashboard

Notes

Configuration

- Access Control
- Remotes
- Traffic Control
- Certificates
- Subscription

Administration

- Shell
- Storage / Disks
- Tape Backup
- Datastore
 - test01
 - Add Datastore

Dashboard

sopdom (Uptime: 04:14:02)Show Fingerprint

CPU usage0.22% of 4 CPU(s)

IO delay0.00%

RAM usage3.81% (302.26 MiB of 7.76 GiB)

Load average0.04,0.01,0

HD space(root)0.21% (1.99 GB of 958.52 GB)

SWAP usage0.00% (0 B of 7.00 GiB)

CPU(s)4 x Intel(R) Core(TM) i3 CPU 540 @ 3.07GHz (1 Socket)

Kernel VersionLinux 5.15.35-1-pve #1 SMP PVE 5.15.35-3 (Wed, 11 May 2022 07:57:51 +0200)

Repository Status

Production-ready Enterprise repository enabledEnterprise repository needs valid subscription

Datastore Usage

Name ↑	Size	Used	Available	Usage %	Estimated Full	History (last Month)
--------	------	------	-----------	---------	----------------	----------------------

Longest Tasks (30 days)

Datastore test01 Backup vm/100	8s	✓	>
create-datastore	5s	✓	>
Log Rotation	<0.1s	✓	>

Fingerprint

41:5a:f5:ea:37:c1:4e:3e:5b:63:55:76:34:48:8b:5a:2d:9e:1e:89:70:09:0e:62:59:ec:e1:cd:7b:62:52:ac

Copy

Ok

Add Datastore

Dashboard

Notes

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Storage / Disks

Tape Backup

Datastore

test01

Add Datastore

Datastores

SummarySync JobsVerify JobsPermissions

test01

0%

1.99 GB of 958.52 GB

Estimated Fullin 101y 212d 17h

Deduplication Factor1.00

Usage History:

Task Summary (30 days)

Backups	0	0	1
Prunes	0	0	0
Garbage collections	0	0	0
Syncs	0	0	0
Verify	0	0	0

Name :

Backup Path :

Add: Datastore

General

Prune Options

Name:

test001

GC Schedule:

daily

Backing Path:

/backup

Prune Schedule:

daily

Comment:

Help

Add

→ Add →API Token Permission

Dashboard

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Storage / Disks

Tape Backup

Datastore

test01

Add Datastore

Datastore: test01

SummaryContentPrune & GCSync JobsVerify JobsOptionsPermissions

AddRemove

User Permission	User/Group/API Token	Role	Propagate
API Token Permission			

PVE

AIOT PVE+Virtual Environment 7.3-4

Search

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LVM

LVM-Thin

BTRFS

NFS

SMB/CIFS

GlusterFS

iSCSI

CephFS

RBD

ZFS over iSCSI

ZFS

Proxmox Backup Server

Content	Path/Target	Shared	Ena...	Bandwidth Limit
VZDump backup file, Disk I...	/var/lib/vz	No	Yes	

Tasks

Cluster log

Start Time ↓	End Time	Node	User name	Description	Status
Jan 12 09:17:33	Jan 12 09:17:33	eppve	root@pam	Start all VMs and Containers	OK
Jan 12 07:17:03	Jan 12 07:17:03	eppve	root@pam	Start all VMs and Containers	OK
Jan 11 23:32:31	Jan 11 23:32:31	eppve	root@pam	Start all VMs and Containers	OK
Jan 11 23:27:42	Jan 11 23:27:42	eppve	root@pam	Start all VMs and Containers	OK
Jan 11 23:27:24	Jan 11 23:27:24	eppve	root@pam	Stop all VMs and Containers	OK

ID

Proxmox BS

IP

Proxmox BS

API

API

Proxmox BS

Datastore

Proxmox BS