



Pure simplifies virtual machine backup in the VMware vSphere environment.

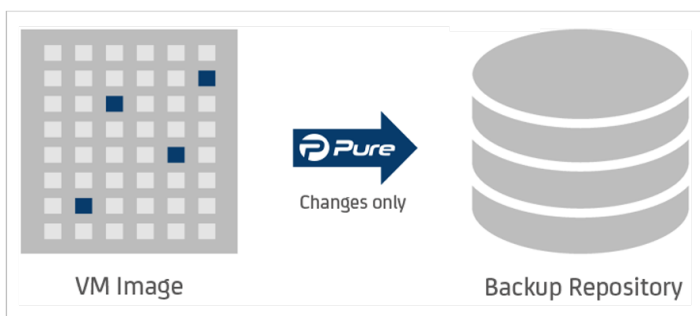
Archiware Pure achieves maximum security with minimal effort. The 5-minute setup, automatic backup and verification within the ESXi environment minimize complexity, cost and hardware requirements.

Focused on Essential Features

Pure – Essential VMware Backup is a powerful and lean solution. Backup execution is fully automated. Incremental backups are performed using Changed-Block-Tracking (CBT) to optimize speed and minimize data transfer. Entire VMs, VMDKs or single files can instantly be recovered from any backup cycle.

Maximum data integrity is ensured through daily backup verifications.

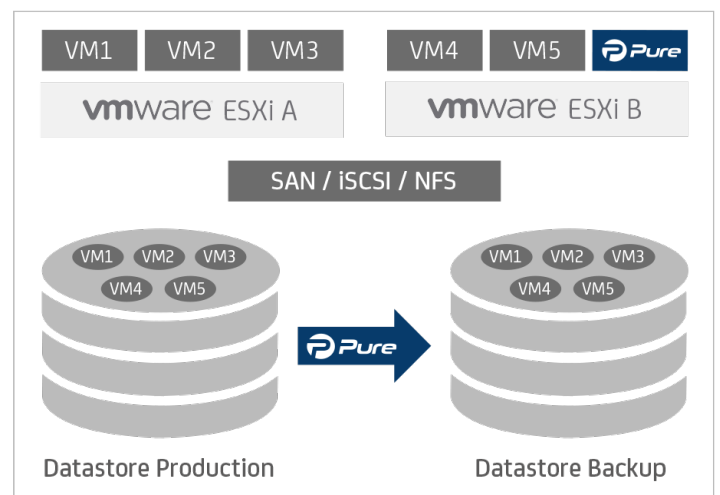
Rotating backup and verify jobs using the round-robin method ensure that even fully scheduled backup windows allow time for verification of all completed backup jobs at regular intervals. Flexible scheduling enables using backup windows.



Easy Installation and Operation

Pure is quickly configured as a VMware Virtual Appliance following a simple, 5-minute installation. The appliance resides on a VMware server along other virtual machines. The browser-based user interface allows Pure to be used on any platform or device.

There are no additional hardware costs for a physical backup server. Separate configuration or supplementary software is also not required.



- Simple- 5-minute deployment & setup as a VM appliance
- No additional hardware or software costs
- Optimized speed & minimum data transfer using Changed-Block-Tracking (CBT)
- Ensured data integrity via backup verifications

- Streamlined recovery of a single VM, VMDK or single file
- All-in-one, browser-based user interface
- Scalability for virtual backup systems
- Fully-featured, 90-day free trial
- Cost-effective licensing at €500/physical host

The screenshot shows the Pure Backup Administration web interface. The main content area displays a table of Virtual Machines (VMs) under the IP address 192.168.234.217. The table columns are: Virtual Machine (with a sort arrow), Backup (sub-columns: Completed, Duration), Backup Disk Usage (sub-columns: Actual, History), and Backup/Restore Job Progress. A 'Restore' button is visible at the bottom of the table.

Virtual Machine ↑	Backup		Backup Disk Usage		Backup/Restore Job Progress
	Completed	Duration	Actual	History	
▼ 192.168.234.217					
✔ APT_freebsd	12.Jun 17:07	0 min 10 s	16.8 GB	0.043 GB	
⊙ APT_freebsd-CBTCheck					
✔ APT_freebsd-cbt_test	12.Jun 17:03	0 min 04 s	14.0 GB	0.002 GB	
✔ APT_freebsd-rec	12.Jun 17:03	0 min 03 s	14.0 GB	0.002 GB	
✔ APT_freebsd-recovered	12.Jun 17:01	0 min 10 s	16.0 GB	0.043 GB	
✔ APT_solaris	12.Jun 17:01	0 min 03 s	3.4 GB	0.002 GB	
✔ APT_ubuntu	12.Jun 17:01	0 min 03 s	5.7 GB	0.002 GB	
⊙ APT_ubuntu_datastore_test					
✔ APT_win7	12.Jun 17:03	0 min 03 s	20.0 GB	0.002 GB	
✔ Synology P5 Build Machine	12.Jun 17:03	0 min 14 s	19.7 GB	0.184 GB	
✔ Synology P5 Build Machine-cb...	12.Jun 17:03	0 min 04 s	34.1 GB	0.002 GB	
✔ Synology P5 Build Machine-re...	12.Jun 17:02	0 min 32 s	32.2 GB	2.859 GB	
✔ Synology P5 Build Machine-test	12.Jun 17:01	0 min 20 s	28.0 GB	2.010 GB	
27 VMs		00:13:55	496.83 GB	32.42 GB	

Overview of all VMs, their Backup status and duration.

Backing Up Virtual Machines with Pure

All systems are saved incrementally. VMware is used to get the required information for Pure to save only modified data. This way, numerous virtual machines can be backed up in minutes.

In a second phase, Pure verifies that original and backed up data are identical. This guarantees maximum data security and integrity.

Minimum Investment & Operating Costs

Archiware Pure licensing starts at **€500** for backup and restore of all VMs on one physical host server.

The Pure license includes the first 12 months of software maintenance. The maintenance covers two major aspects: access to the latest software version and access to manufacturer support.

Less complexity - maximum security for your data. All within a 5-minute setup.

Hypervisor Requirements

VMware vSphere	6.0 or later, any non-free edition
VMware ESXi	6.0 Express Patch 4 (build number 3247720, 2015-11-25) or later
vCenter Server	6.0 or later (optional)

Browser Requirements

Safari	5.1+
Firefox	3.5+
Chrome	4+
Internet Explorer	10+

Hardware Requirements

CPU	x86-64 processor
Memory	4 GB RAM
Disk Space	50 GB, not including disk space used for the separate backup repository

Source File Systems for Single File Restore

macOS	HFS+
Windows	NTFS, FAT32, ExFAT
FreeBSD	ufs2
Linux	ext2, ext3, ext4, btrfs, FAT32, NTFS