

# AppAssure

Award-winning protection across physical, virtual and cloud environments that will get your business back up and running in 15 minutes or less.

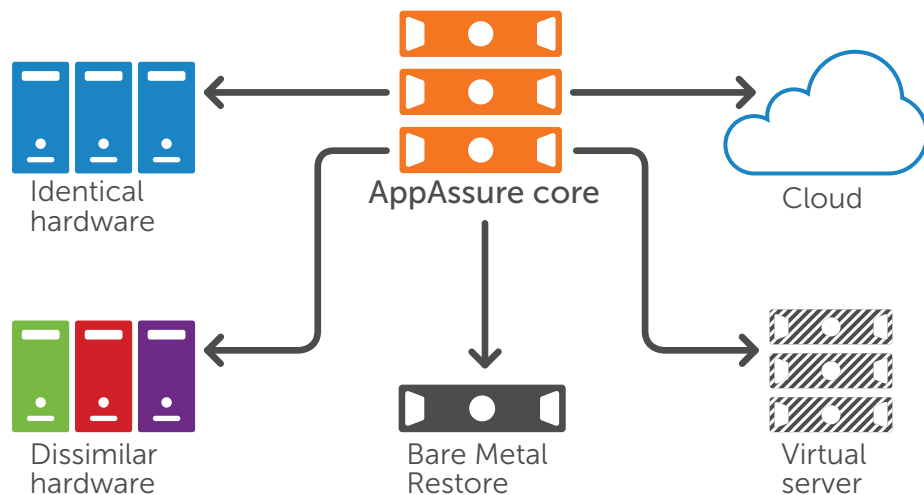
Your world is built on the data you need to run your business, service your customers and stay competitive in your industry. AppAssure 5.4 protects your digital world with improved redundancy, failover and recovery options.

AppAssure combines backup and replication into a single reliable, easy-to-use solution. With proven, award-winning technology and flexible features, AppAssure 5.4 allows you to match your backup environment to your specific business needs.

Continuously protect the workloads on your VMs, physical servers or cloud servers with AppAssure's incremental forever snapshots (up to 288 times

a day), which will guarantee up to five-minute recovery point objectives (RPOs). For aggressive recovery time objectives (RTOs), Live Recovery allows you to directly access data from backup files almost instantly until the production machine is restored. Alternatively you can create a bootable virtual standby machine that is continuously updated with these snapshots for full recovery in seconds.

AppAssure Verified Recovery enables you to perform automated recovery testing and verification of your backups. It validates that the backups for filesystems, Microsoft® Exchange™ and SQL Server® are restorable.



AppAssure can restore data from anywhere to anywhere.

“Finally I’m dealing with a company that has a philosophy about backups that makes sense — a more logical approach to how data is backed up *and* what you can do with the backed-up data. You can replicate it, synchronize it, and more.”

*Brendan Hourihan, Director of Network and Desktop Support*

#### Benefits:

- Scale to exabytes with incremental forever snapshots
- Get block-level, disk-to-disk snapshots for Windows®, Linux and virtual environments
- Recover data faster and easier with revised recovery point management
- Protect physical or virtual machines with up to 288 snapshots a day
- Gain storage space with advanced deduplication and compression capabilities
- Validate the restorability of Microsoft Exchange and SQL Server
- Resume the use of a server directly from the backup file, without waiting for a full restore to production
- Increase replication flexibility with multiple, built-in replication schemas

## System requirements

### AppAssure Core

**Operating system:** Microsoft Windows 7, 8, 8.1, Server 2008 and 2008 R2 (except Core editions), Server 2012 and 2012 R2 (except Core editions).

**Architecture:** 64-bit only, 8GB or higher memory, quad-core or higher processor

**Storage:** Direct Attached, Storage Area Network, or Network Attached Storage

**Network:** 1 gigabit Ethernet (GbE) minimum

### AppAssure Central Management Console

**Operating system:** Microsoft Windows 7, 8, Server 2008, 2008 R2, Server 2012

**Architecture:** 64-bit

### AppAssure Agents

**Operating system:**  
All editions of Microsoft Windows 8, 8.1, Server 2003, 2008, 2008 R2, 2008 R2 Server SP1 Core, Server 2012, Server 2012 R2, Storage Server 2012, Storage Server 2012 R2.

Red Hat® Enterprise Linux® (RHEL) 6.3, 6.4, 6.5, 6.6, 7 (x64), CentOS 6.3, 6.4, 6.5, 6.6 and 7.0 (x64), Ubuntu 12.04 LS, 13.04, 14.04, SUSE® Linux Enterprise Server (SLES) 11 SP2, SP3

**Architecture:**  
32-bit or 64-bit only, 4GB or higher memory

Microsoft Exchange Support: 2007 SP1 Rollup 5 or later, 2010, 2013

SQL Server Support: 2005 or higher

AppAssure Universal Recovery enables you to recover data with restore capabilities that match your business. Restore at any level, from a single file, message or data object, to a complete machine. Recover to a virtual or physical machine. Restore the data anywhere, to physical, virtual or cloud environments, enabling local, offsite or disaster recovery.

## Features

- **Verified Recovery** — Perform automated recovery testing and verification of backups for Microsoft Exchange and SQL Server. Identify data corruption early and prevent maintenance or transfer of corrupted data blocks during the backup process.
- **Live Recovery** — Leverage near-instant recovery technology for protected virtual machines or servers. Access the impacted server's application and data directly from the backup image if there's an outage, so users remain productive and your IT team will meet stringent RTOs and RPOs.
- **Universal Recovery** — Restore backups from physical to virtual, virtual to virtual, virtual to physical, or physical to cloud, as well as carry out bare metal restores to dissimilar hardware.

- **Virtual Standby** — Continuously export data from a protected machine to a virtual machine (VMware, Hyper-V or VirtualBox), creating a highly-available, bootable copy of the protected machine.
- **Global Deduplication and Compression** — Inline deduplication and compression eliminates redundant data to save storage costs while optimizing backups for WAN replication.
- **FIPS certification** — Ensure enterprise-class security compliance with FIPS 140-1 and 140-2 cryptographic modules.

## Get started

Download a 14-day free trial today at [Software.Dell.com/products/appassure/](http://Software.Dell.com/products/appassure/).

## About Dell Software

Dell Software helps customers unlock greater potential through the power of technology—delivering scalable, affordable and simple-to-use solutions that simplify IT and mitigate risk. This software, when combined with Dell hardware and services, drives unmatched efficiency and productivity to accelerate business results. [www.dellsoftware.com](http://www.dellsoftware.com).

## Hypervisor support

VMware Gen 1 and Gen 2 VMS Workstation 7.0, 8.0, 9.0, 10 vSphere/ESX(i) 4.0, 4.1, 5.0, 5.1, 5.5

Microsoft Hyper-V Gen 1 and Gen 2 VMS Windows Server 2008 R2, 2012, 2012 R2

Oracle VirtualBox 4.2.18 and higher

## Dell Software

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