

System Recovery Agent for Dell Avamar (ABMR)

Turn Dell Avamar backups into complete, recoverable systems

Data Sheet

Dell Avamar protects your data. ABMR recovers the system.

Recover complete Windows, Linux, AIX and Solaris systems directly from Dell Avamar backups, whether you need straightforward bare machine recovery or automated, enterprise-scale recovery orchestration. Recovery can be performed to suitable physical, virtual and cloud targets.

Dell Avamar provides resilient protection for your critical data. Cristie System Recovery Agent for Dell Avamar (ABMR) extends that protection to the entire system, enabling organisations to recover operating systems, applications, configuration and data without rebuilding servers from scratch.

How it works - Two deployment models. One recovery technology.

Deploy **ABMR as a standalone agent** for fast, flexible system recovery, or combine it with **Cristie Recovery Hub** to centralise, automate and orchestrate recovery across larger and more complex environments.

• ABMR Standalone Agent

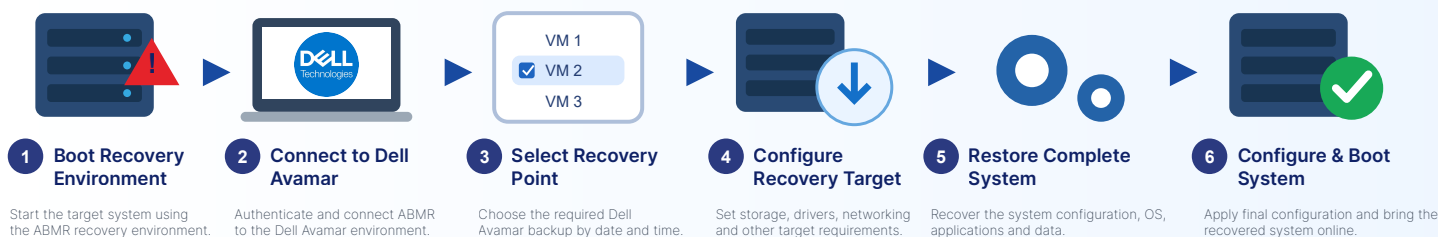
Simple, flexible bare machine recovery when you need it. For organisations that need reliable system-level recovery without additional recovery infrastructure, ABMR can be deployed directly to protected systems as a lightweight agent.

• ABMR with Cristie Recovery Hub

Transform individual system recovery into automated enterprise recovery at scale. As environments grow, recovery must scale beyond individual systems. Recovery Hub allows IT teams to orchestrate system recovery at scale, reduce manual intervention and gain central visibility across the entire recovery process.

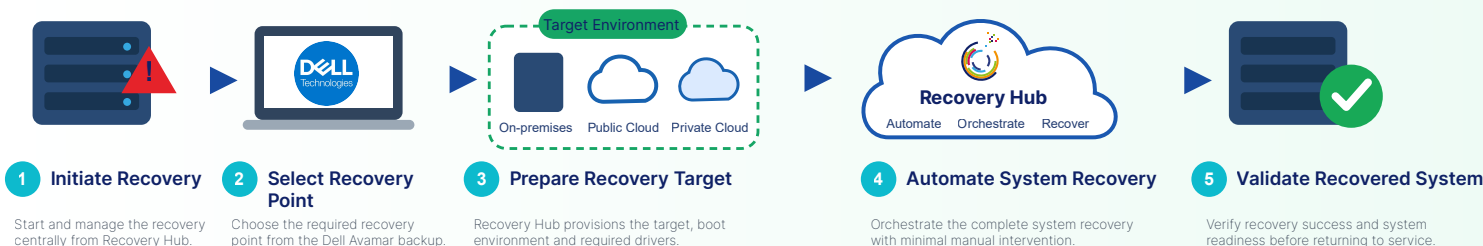
System Recovery: ABMR Standalone Agent

Semi-automated, multi-step process.



System Recovery: ABMR + Cristie Recovery Hub

Automated process with orchestrated recovery.



Benefits - ABMR Standalone Agent

ABMR when used as a standalone agent records the information required to reconstruct each protected machine and uses the data already held within Dell Avamar to recover the complete system. Dedicated bootable recovery environments allow recovery to proceed even when the original operating system is unavailable.

The result is a practical, cost-effective way to extend Dell Avamar from data protection to complete system recovery.

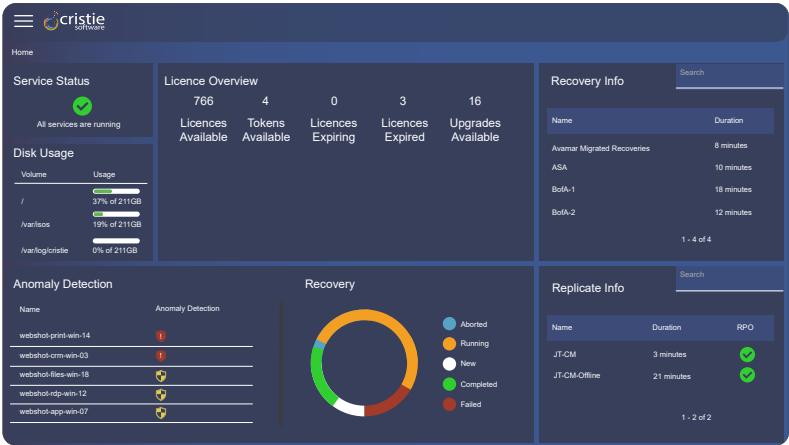
- Recover more than just your data
 - Recover to alternative infrastructure
- Maximise your Dell Avamar investment
 - Support heterogeneous environments

Benefits - ABMR with Cristie Recovery Hub

Cristie Recovery Hub builds on ABMR by adding the centralised management, automation and orchestration needed to operationalise recovery across the enterprise.

By enabling **Continuous Recovery Assurance**, Recovery Hub can automatically test and validate protected systems as part of an automated recovery assurance process.

Verification takes place in an isolated **Cleanroom Recovery** environment providing the option to safely validate recoveries for indicators of compromise before production recovery.



- Easily perform recovery at scale
 - Centralise recovery operations
 - Boost cyber resilience with Cleanroom Recovery
- Reduce manual intervention
 - Standardise recovery processes
 - Gain recovery confidence with Continuous Recovery Assurance

Platform, OS & Cloud Support

OS Support - Complete system recovery for Windows, Linux, AIX and Solaris, with recovery capabilities designed to support changes in hardware and infrastructure.

Physical, Virtual & Cloud - Recover Avamar-protected systems across physical, virtual and supported cloud environments, with Recovery Hub adding automated provisioning with centralised cross-platform orchestration.

Platforms - Support is provided across a range of enterprise server architectures, including x86, IBM Power and Oracle SPARC environments.

Cloud & Container Orchestration - Recovery is supported to and from a wide range of cloud, virtualisation and container platforms, including Microsoft Azure, Hyper-V, Oracle Cloud, AWS, Kubernetes and VMware.

Built for Evolving Infrastructure - Cristie continues to extend its recovery architecture for emerging platforms and modern workloads, including greater cloud, hypervisor and container recovery capabilities.

Visit www.cristie.com for the latest platform compatibility and support information.

Key Features

	ABMR Standalone Agent	ABMR + Cristie Recovery Hub
Typical Application:	Individual and targeted system recovery	Enterprise and large-scale recovery
System recovery	✓	✓
Native Dell Avamar backup recovery	✓	✓
Windows, Linux, AIX & Solaris	✓	✓
Dissimilar hardware recovery	✓	✓
Guided recovery	✓	✓
Bootable Recovery Environments	✓	✓
Automated Driver Injection	✓	✓
Flexible Disk & Storage Mapping	✓	✓
Post-Recovery Network Configuration	✓	✓
Multi-Factor Authentication Support	✓	✓
Automated Configuration Capture	✓	✓
Recovery Logging & Diagnostics	✓	✓
Centralised management		✓
Recovery orchestration		✓
Multi-system recovery at scale		✓
Automated recovery workflows		✓
Continuous recovery assurance		✓
Cleanroom Recovery		✓

Summary

Backup is only valuable when you can recover. Dell Avamar protects the data your organisation depends on; Cristie ABMR helps turn that protected data back into working systems. Start with standalone ABMR to give individual workloads complete system recovery; add Recovery Hub when your requirements expand to centralised management, automation and recovery at enterprise scale. Together, Dell Avamar + Cristie provide a recovery strategy that goes beyond restoring files and data, helping organisations get critical systems and business services running again.

ABMR Standalone Agent when you need simplicity. Cristie Recovery Hub when you need scale.

For more information visit: www.cristie.com/products/abmr



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Founded in 2008, Cristie Software now helps more than 3000 users in over 70 countries recover and replicate their critical systems.

Our products are recommended globally by our technology partners where we provide system recovery and recovery automation to their customers.

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