



rubrik

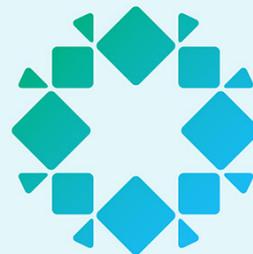
Zero Trust
Data Security™



cristie
software

SOLUTION BRIEF

Cristie CloneManager® System Migration and RBMR System Recovery for Rubrik Security Cloud Users



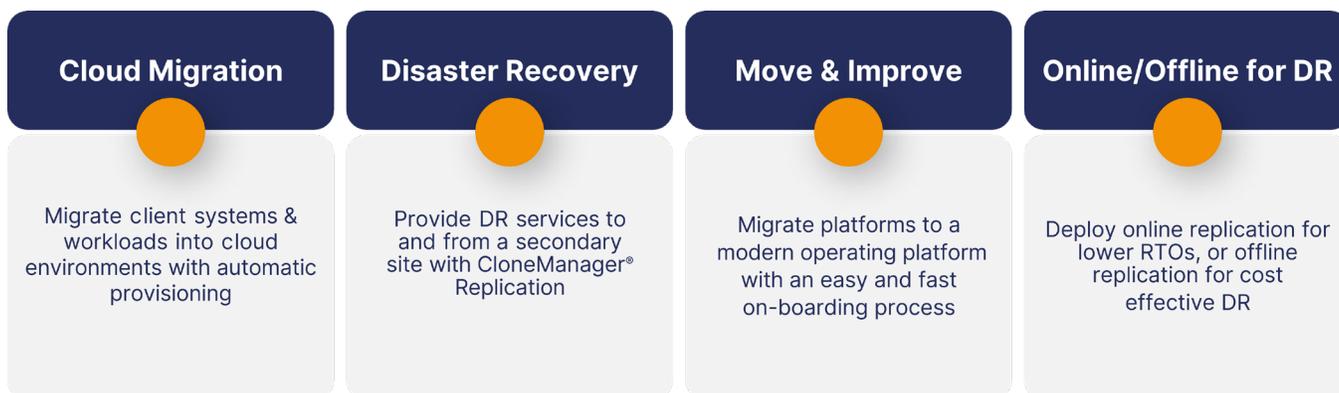
Rubrik and Cristie Software

Rubrik and Cristie Software provide enhanced physical system recovery and migration capabilities for Rubrik customers through a strategic technology partnership. The addition of Cristie Software RBMR system recovery for Rubrik brings powerful automation and recovery orchestration capabilities which can remove 100s of hours in administrative overhead compared to traditional system recovery methods. Cristie CloneManager software offers customers a powerful system migration tool which can be used independently to automatically migrate physical or virtual servers to cloud computing platforms, or to other physical or virtual platforms in any direction.

Cristie CloneManager® - Automated Migration for Cloud Onboarding

The migration, replication and synchronization of on-prem systems to cloud based compute services remains the most prevalent use case for cloud customers and is predicted to remain that way in the near term. With the wide variety of cloud compute and storage options available, such as Microsoft Azure, Oracle Cloud Infrastructure, Amazon Web Services, and a multitude of competitive Amazon S3-compatible object stores, users can be faced with a complex array of tools to facilitate the migration of on-prem machines into these environments. The Cristie Virtual Appliance (VA) provides a centralized tool to manage system replication and migration in any direction to and from physical, virtual and cloud targets. The VA controls all aspects of system replication using Cristie CloneManager® as the core technology which provides automatic provisioning and native compatibility with Azure, Oracle and S3 based public cloud services including support for on-prem based S3 implementations.

Cristie CloneManager® - Use Cases for Rubrik users



Multi-tenant support provided within the Cristie Virtual Appliance

Multi tenancy support is provided within the VA to ensure that departments or company divisions can have a dedicated secure migration and replication environment which is ringfenced if required. In the case of S3 storage each client can also be provided with unique Access and Secret keys to their individual S3 object storage locations.

Cristie Software RBMR - Bare-metal Recovery for Rubrik Security Cloud

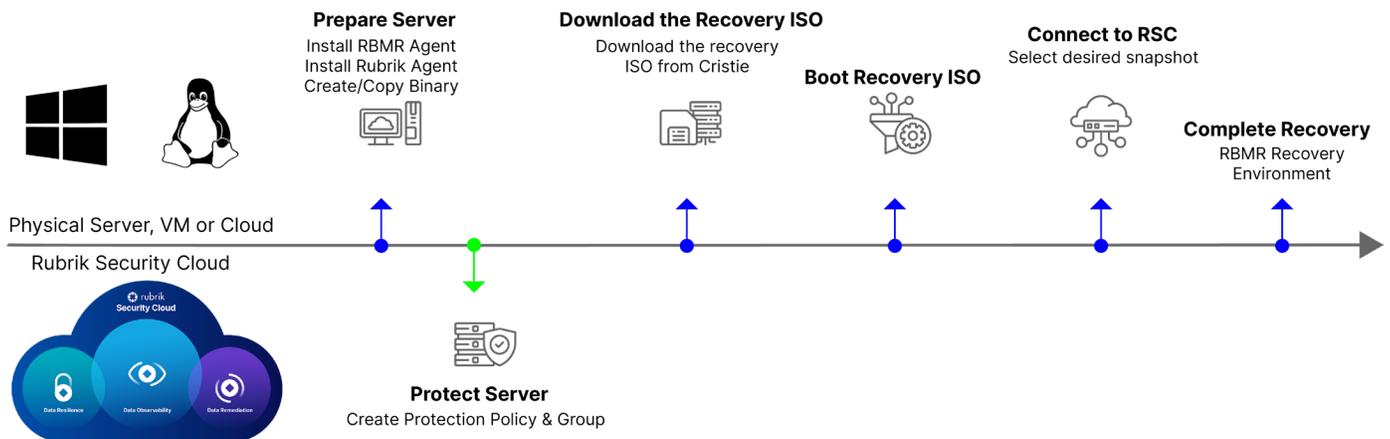
Enterprises typically retain up to 20% of compute infrastructure as physical servers mainly due to performance requirements for critical applications. Physical servers present additional recovery challenges compared to virtual machines in the event of a disaster recovery scenario. Cristie Software are a pioneer in the restoration of entire physical systems to similar or dissimilar hardware platforms using a feature called “bare-metal restore” or BMR. Cristie Software RBMR is the Rubrik recommended solution to provide Rubrik Security Cloud users with powerful bare-metal restore capabilities.

Extending Rubrik basic BMR capabilities with Cristie RBMR

Rubrik provides basic Microsoft BMR capabilities which operates by creating a new operating system (OS) image to which application files and folders are restored following a system failure or outage situation. This basic BMR functionality does not guarantee that the restored system is identical to the original. Cristie RBMR ensures that all elements of the recovered system are identical to the source and in addition offers the following benefits over basic BMR capabilities:

- Recovery of physical systems to dissimilar hardware with automatic driver insertion.
- Flexibility to recovery physical systems to virtual or cloud targets.
- Simultaneous recovery of multiple systems simplifying disaster recovery at scale.
- Maintenance of file system hard links following restoration.
- RBMR leverages all Rubrik Security Cloud data management processes.
- RBMR supports Microsoft & Linux with AIX and Solaris support scheduled for H2 2025.

RBMR System Recovery for Rubrik® - Workflow Sequence

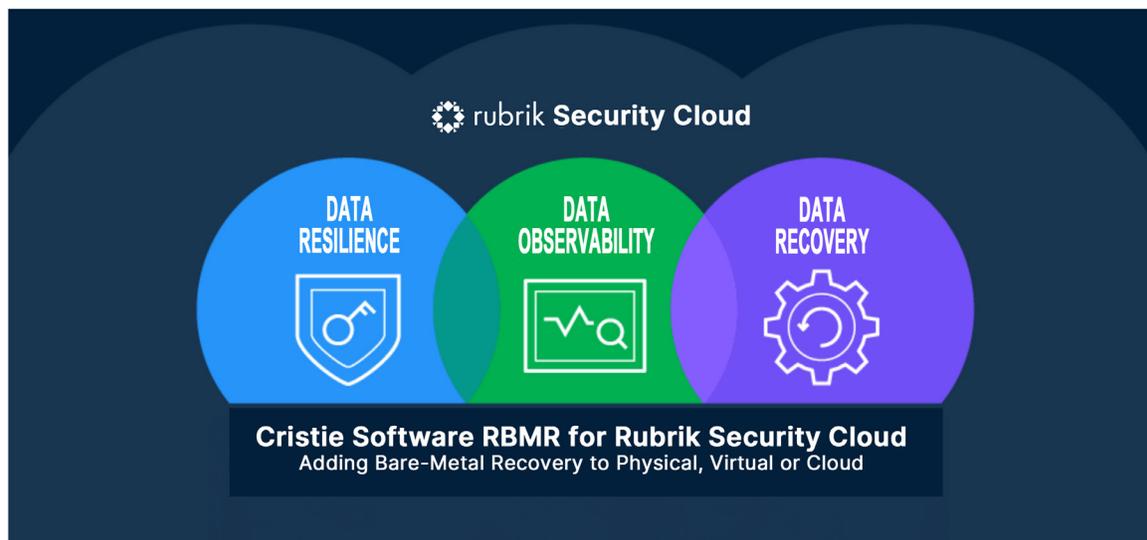


Seamless Integration with Rubrik Security Cloud

Cristie Software System Recovery for Rubrik (RBMR) provides Rubrik Security Cloud integration with automatic discovery of all Rubrik Cloud Data Management (CDM) protected files, volumes, and machines. Customers can combine the benefits of Rubrik zero-trust data security with the complete flexibility of Cristie Software system recovery. Through the Cristie VA any Rubrik backup object can be restored to any available point-in-time to the recovery platform of your choice. This seamless integration enables the powerful system recovery automation and orchestration features within the Cristie VA to be applied to any backup job supported in Rubrik Security Cloud.

Recovery to any Physical, Virtual or Cloud target

Cristie RBMR integrates directly with Rubrik native backups so there is no requirement for a separate backup or management process. Cristie RBMR can recover any Rubrik Security Cloud protected system to any physical, virtual or cloud target and has tier 1 integration with VMware, Hyper-V, Nutanix, AWS, Oracle Cloud and Azure.



Cristie Software RBMR Online Resources

[Interactive RBMR System Recovery Demo](#)

[Cristie Software RBMR Product Page](#)

[Technical White Paper: Cristie Rubrik Bare-Metal Recovery \(RBMR\) for Linux/Unix Hosts](#)