



SOLUTION SHEET

Scality + Veeam Data Platform

for unbreakable ransomware protection

Zero downtime. No data loss. Lightning-fast restore.

With ransomware attacks becoming more frequent, pervasive and sophisticated all the time, Veeam customers need a 100% reliable, fast backup storage solution that further enhances ransomware protection with immutability.

A ransomware attack is expected to occur every two seconds by 2031, compared to every 11 seconds today. Backups are targeted in 94% of attacks.

As a last line of defense against cybercriminals, it's imperative that organizations back up their data and ensure those backups remain immune to ransomware, so there is a reliable recovery path when an attack inevitably occurs. This is achieved with air-gapped, tamper-proof storage that protects backup data – no matter what may happen to primary data in the production environment.

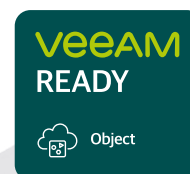
Scality solutions enhance Veeam ransomware protection with immutable storage and can be logically air-gapped through encryption, role-based access control (RBAC), and separation of the Scality IAM domain from production.

Scality + Veeam = unbreakable ransomware protection

Veeam and Scality have a long history of partnership in providing industry-leading data protection solutions and validating ransomware mitigation capabilities.

Veeam delivers comprehensive ransomware remediation, automated backup verifications, and fast, reliable recovery. Scality RING and ARTESCA offer enhanced ransomware protection with support for Amazon S3 Object Lock API, which renders data immutable by preventing it from being deleted or overwritten for a period of time (or indefinitely).

Qualified as Veeam Ready Object with Immutability, Scality RING and ARTESCA provide for logically air-gapped, tamper-proof backup data that stays immune to ransomware, no matter how nefarious or sophisticated. In case of an attack, the solution offers a robust, swift recovery path. Together, Scality and Veeam offer a bulletproof insurance policy for your data.



Scality for Veeam

Scality provides comprehensive support for current and new Veeam releases, including Smart Object Storage API (SOSAPI) and direct-to-object storage backups.

Scality solutions are validated as Veeam Object Ready and Veeam Object with Immutability Ready.

Immutable ransomware protection

By supporting Amazon S3 Object Lock, Scality and Veeam allow administrators to lock data down for specific retention periods. With compliance mode enabled, no one – not even internal users and admins with the highest credentials – may modify or delete data until the retention period expires.

Lower cost & smaller capacity entry points

Scality and Veeam offer high availability while reducing TCO by up to 90%. Veeam® Backup and Replication™ leverages RING or ARTESCA as a single backup repository for any data or application. Running on commodity servers and available in single-node capacities starting as low as 50 terabytes, Scality solutions provide low-cost solutions for immediate ransomware protection.

3-2-1-1 rule for data protection

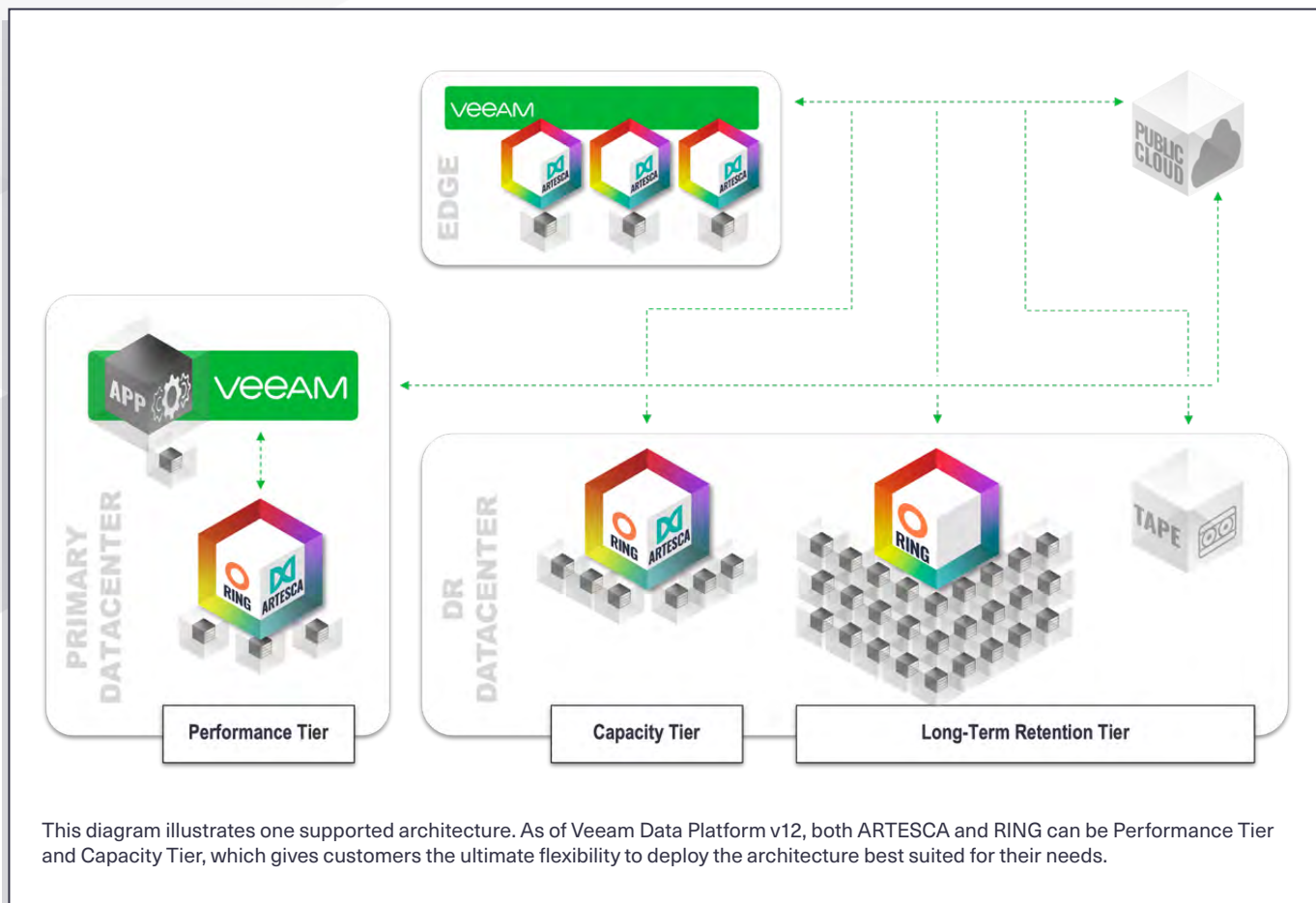
The Scality and Veeam solution complies with the 3-2-1-1 backup rule, which requires three data copies with two on different media types, one offsite, and one offline or immutable. Scality provides Veeam customers with a single-vendor backup storage solution to master the 3-2-1-1 rule.

Ease of use

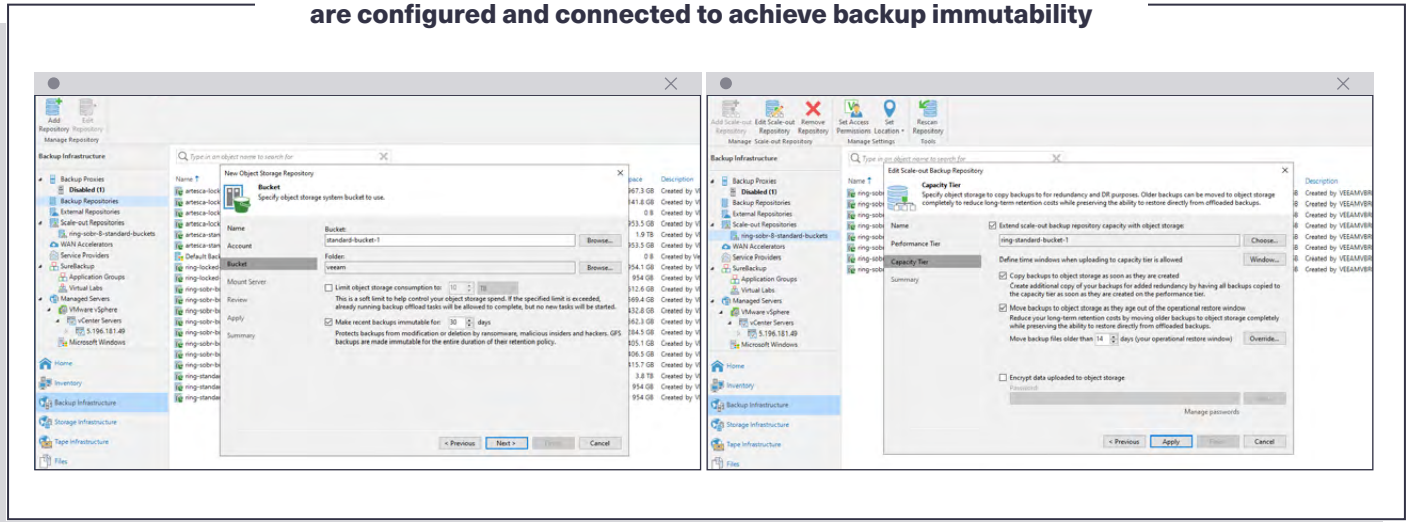
Configuring ransomware protection can be done in just a few clicks with Veeam and Scality. The Veeam user interface allows easy connection to external object storage, and the Scality user interface allows data immutability to be easily enabled at bucket level as required.

Higher availability

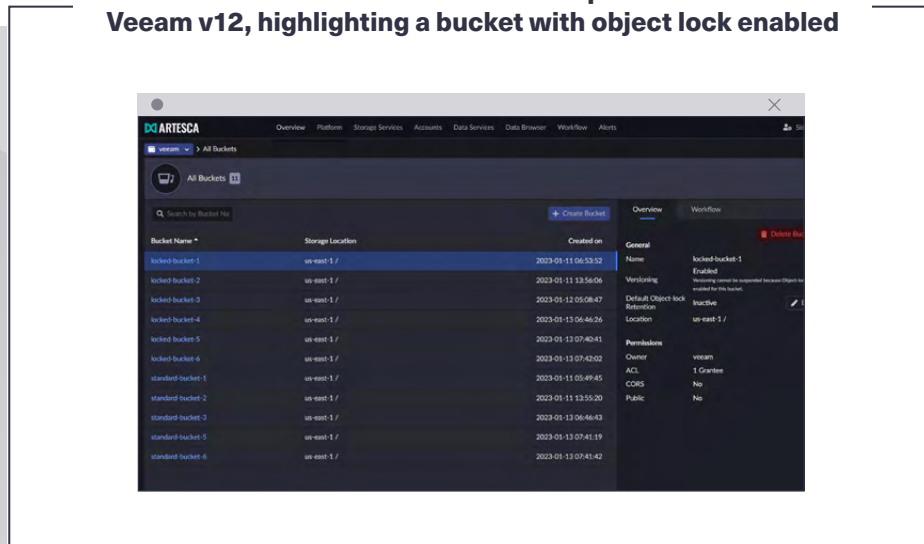
Scality and Veeam help guarantee very high availability. Veeam high-speed and verified recovery allows your organization to achieve RTOs of <15 minutes. With Veeam SureBackup®, you can automatically verify the recoverability of every backup. Scality's self-healing and fast hard drive recovery allows you to scale your infrastructure while always meeting availability SLAs.



Veem and Scality UI screens, showcasing how the two solutions are configured and connected to achieve backup immutability



Data browser view of S3 buckets provisioned for Veem v12, highlighting a bucket with object lock enabled



About Veem

Veem® provides organizations with resiliency through data security, data recovery and data freedom for their hybrid cloud. The Veem Data Platform delivers a single solution for Cloud, Virtual, Physical, SaaS and Kubernetes environments that give businesses peace of mind their apps and data are protected and always available so that they can keep their businesses running.

About Scality

Scality® storage propels companies to unify data management no matter where data lives — from edge to core to cloud. Our market-leading file and object storage software protects data onpremises and in hybrid and multi-cloud environments. With RING and ARTESCA, Scality's approach to managing data across the enterprise accelerates business insight for sound decision-making and maximum return on investment. To compete in a data-driven economy, IT leaders and application developers trust Scality to build sustainable, adaptable solutions. Scality is recognized as a leader by Gartner and IDC.

