



Loadbalancer.org optimizes S3 networks for HPE Solutions with Scality

A partnership for optimized storage solutions, reduced downtime, and improved customer experience

Key benefits

- **High availability**—Help ensure the availability of Scality S3 Storage across distributed environments with detailed health checks and traffic control
- **Performance optimization**—Monitor individual node load and redirect traffic for high performance
- **Effortless deployment and maintenance**—Simplify deployments with certified guides and templates while enabling Scality expansions without downtime
- **Disaster recovery and multisite resilience**—Streamline disaster recovery procedures with granular control over data center traffic
- **Unified procurement**—The solution components are available for purchase through HPE or certified partners, simplifying procurement with one contract and purchase order

Loadbalancer.org provides Application Delivery Controller (ADC) solutions for high loads of network traffic, to optimize the S3 API access layer of HPE Solutions with Scality

Since 2014, Hewlett Packard Enterprise has partnered with Scality to provide enterprises with on-premises object storage solutions, offered both as direct purchase and through HPE GreenLake Flex Solutions. HPE Solutions with Scality have been deployed with hundreds of enterprise customers worldwide, representing a storage footprint well over an exabyte.

Enterprises that use the AWS S3 protocol for cloud-native access to on-premises archive data achieve consistent, balanced performance when using network load-balancing systems.

Loadbalancer Enterprise ADC is fully tested and validated with Scality S3-API for RING and ARTESCA object storage and has been the go-to ADC for Scality S3 RING deployments for many years. Loadbalancer Enterprise ADC products can be procured by HPE and resold to customers who need a load-balancing solution.

Loadbalancer.org is supported on these HPE systems:

- HPE ProLiant DL20 Gen11 Server
- HPE ProLiant DL360 Gen11 Server
- Virtual machines

Loadbalancer.org brings these benefits:

Ease of use—Loadbalancer.org’s solution is simple to deploy and manage with 24x7 support from presales, deployment, and ongoing maintenance and management.

Confidence—Loadbalancer.org’s solutions are prevalidated and standardized, with a proven track record on HPE hardware and a dedicated team of technical consultants on hand to integrate seamlessly into HPE Solutions with Scality.

Ready to add—Loadbalancer.org is a member of the HPE Technology Partner Program and can be added to complement any solution that uses S3 API access protocol for its direct-to-S3 enabled applications.

Together, Loadbalancer.org’s smart, flexible, and unbreakable load balancers, combined with HPE Solutions with Scality, offer a more agile storage solution without introducing additional complexity.



Balance your object storage performance

The powerful combination of HPE Solutions with Scality and Loadbalancer.org helps to ensure high performance and availability for S3-compatible object storage solutions. Loadbalancer Enterprise ADC gives confidence in enabling major benefits:

- Maintain high availability of the Scality storage cluster locally and across geo-distributed environments by providing detailed health checks and controlling network traffic flow at both DNS and TCP levels
- Help ensure high performance by monitoring the load on individual nodes and redirecting traffic
- Increase performance and reduce the cost of WAN traffic by using locality and performance-based DNS routing combined with granular connection-based load balancing
- Facilitate optimal utilization of storage clusters, avoiding hot-node problems by monitoring individual node performance and balancing the load appropriately
- Simplify deployment by using certified guides and deployment templates
- Maintain systems with minimal effort: Add, remove, or update nodes in the Scality cluster without downtime
- Simplify disaster recovery procedures with granulated control of data center traffic
- Purchase all solution components directly through HPE or HPE-certified partners with a single contract and purchase order

Learn more at

[HPE Solutions with Scality](#)

[HPE Technology Partner Program](#)

[Load balancing Scality systems](#)

[Loadbalancer.org partnership with HPE](#)

