

Loadbalancer.org optimizes S3 networks for HPE Solutions with Scality

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

Key benefits

- **High availability** — Ensure 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 multi-site resilience** — Streamline disaster recovery procedures with granular control over data center traffic.
- **Unified procurement** — All solution components are available for purchase through HPE or certified partners, simplifying procurement with one contract and purchase order.

Loadbalancer.org is supported on these HPE systems:

- HPE ProLiant DL320 Gen11
- HPE ProLiant DL360 Gen11
- Virtual machines

Loadbalancer.org provides 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 application delivery controller (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.

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

Loadbalancer.org brings these benefits:

Ease of use — Loadbalancer is simple to deploy and manage with 24/7 support from presales, deployment, and ongoing maintenance and management.

Confidence— Loadbalancer’s solutions are pre-validated 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 is a member in 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.

Learn more at

[HPE Solutions with Scality](#)

[HPE Technology Partner Program](#)

[Load balancing Scality systems](#)

[Loadbalancer.org partnership with HPE](#)

Balance your object storage performance

The powerful combination of HPE Solutions with Scality and Loadbalancer 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 the hot-node problem 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.

Explore HPE GreenLake 

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