

# Cloud Edition for Lustre Software

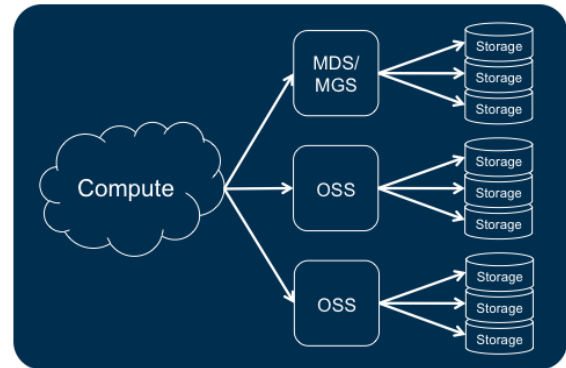
High Performance Parallel storage for Virtualized Cloud-Based Infrastructure

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## What is Cloud Edition for Lustre?

Cloud Edition for Lustre (CE) is a software-defined storage cluster that runs on scalable cloud infrastructures. Cloud Edition provides a high performance parallel filesystem using virtualized resources. The full package includes CentOS, Lustre, Ganglia, and Lustre Monitoring Tool (LMT).

Cloud Edition is intended to be used as the working filesystem for a HPC or other IO intensive workloads. It is not intended to be used as long term storage or as an alternative to cloud storage options such as S3. We recommend that S3 or "cold-storage" be used for long term data storage, and Cloud Edition be used whenever a high-performance shared filesystem is required.



### Cloud Edition on Amazon Web Services

Amazon Web Services is a collection of remote computing services that make up Amazon's cloud computing infrastructure. Cloud Edition uses Amazon Machine Images (AMI) and Elastic Compute Storage (EC2) to provide a parallel and highly scalable storage cluster on AWS.

When combined with HPC and Technical computing applications running on AWS, Cloud Edition can improve storage performance and increase scalability by eliminating storage bottlenecks.

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### Cloud Edition on Microsoft Azure

Azure is Microsoft's cloud computing platform, a growing collection of integrated services—analytics, computing, database, mobile, networking, storage, and web—for moving faster, achieving more, and saving money.

Cloud Edition combines with HPC and Technical computing applications running on Azure to improve storage performance and increase scalability by eliminating storage bottlenecks.

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### Cloud Edition on Google Cloud Platform

Google Cloud Platform is a collection of computing resources consist of virtual machines (VMs), storage, databases, networking, Infrastructure as Service (SaaS), Platform as a Service (PaaS), and Software as a Service (SaaS).

Cloud Edition on Google Cloud Platform combines with HPC and Technical computing applications to improve user experience, storage performance and increase scalability by eliminating storage bottlenecks.

[\[Click Here for More Information\]](#)

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## Support Details

Cloud Edition for Lustre software is supported by the Lustre experts at Whamcloud. Product support includes the latest software updates, patches, and fixes to ensure a stable, flexible, and robust storage environment that leverages the benefits of cloud-based infrastructure.

To create a new support ticket, please setup an account in our JIRA ticketing system and file your ticket in the AWSP project: <https://jira.whamcloud.com/secure/Dashboard.jspa> and our support team will resolve your issue promptly. Please provide your Amazon ID and a description of the issue when filing a ticket.

For other questions please contact us at [info@whamcloud.com](mailto:info@whamcloud.com)

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