

# Eucalyptus Enterprise Edition 2.0

*Enterprise-ready private and hybrid cloud computing platform*

## Get a FREE Trial

To get a FREE trial of Eucalyptus Enterprise Edition 2.0, please visit:

[www.eucalyptus.com/products/eee](http://www.eucalyptus.com/products/eee)

## Contact Us

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## Key Benefits

- Seamlessly manage environments with multiple hypervisors (Xen, vSphere, KVM, ESX, ESXi) under one management console
- Enables cross-platform guest operating systems including Microsoft Windows and Linux
- Advanced storage integration (iSCSI, SAN, NAS) enables you to easily connect and manage your existing storage systems from within the Eucalyptus cloud
- Sophisticated user and group management allows precise control of resources within a private cloud
- Test, develop, and deploy on your on-premise Eucalyptus EE cloud and smoothly transition to a public cloud or vice-versa, without any modifications
- Quickly and easily build hybrid clouds with your VMware-based virtualization environment and other public clouds
- Enable state-of-the-art enterprise cloud features such as scalable storage integration, monitoring, and auditing with Eucalyptus Enterprise Edition
- Leverage the vibrant ecosystem built around Amazon AWS that deliver solutions that work seamlessly with Eucalyptus

## Eucalyptus at a Glance

Eucalyptus Enterprise Edition 2.0 (EE) is built on Eucalyptus – an open source software infrastructure for implementing a private cloud platform using an organization's own information technology (IT) infrastructure, without special-purpose hardware or reconfiguration. Eucalyptus turns data center resources such as machines, networks, and storage systems into a cloud that is controlled and customized by local IT. Eucalyptus supports the same application programming interfaces (APIs) as public clouds, and today Eucalyptus is fully compatible with the Amazon Web Services™ cloud service.

## Windows and Linux Guest Support

Run both Microsoft Windows™ and Linux machine images on your cloud. Building on Eucalyptus' superior open-source support for Linux guest operating systems, the Eucalyptus EE adds robust and full-featured support for Windows guest images.

## Hypervisor Management

Manage mixed hypervisor environments by using Eucalyptus EE's VMware integration. Expose your existing vSphere™, ESX™ and ESXi™ virtualization technologies as part of your Amazon-compatible Eucalyptus cloud. Now data centers are able to run Xen, KVM, VMware ESX and ESXi hypervisors within the same Eucalyptus cloud that transforms your underlying virtualized environments into a private cloud with a one-stop management console.

## Direct SAN Integration

Increase IO performance of your entire cloud by using the SAN Adapter in Eucalyptus EE. This component provides functionality to connect a Eucalyptus cloud directly to a high-performance Storage Area Network (SAN). The SAN Adapter gives your cloud greater IO performance for both the Storage Controller block volumes and Walrus put/get storage operations.

## User and Group Management

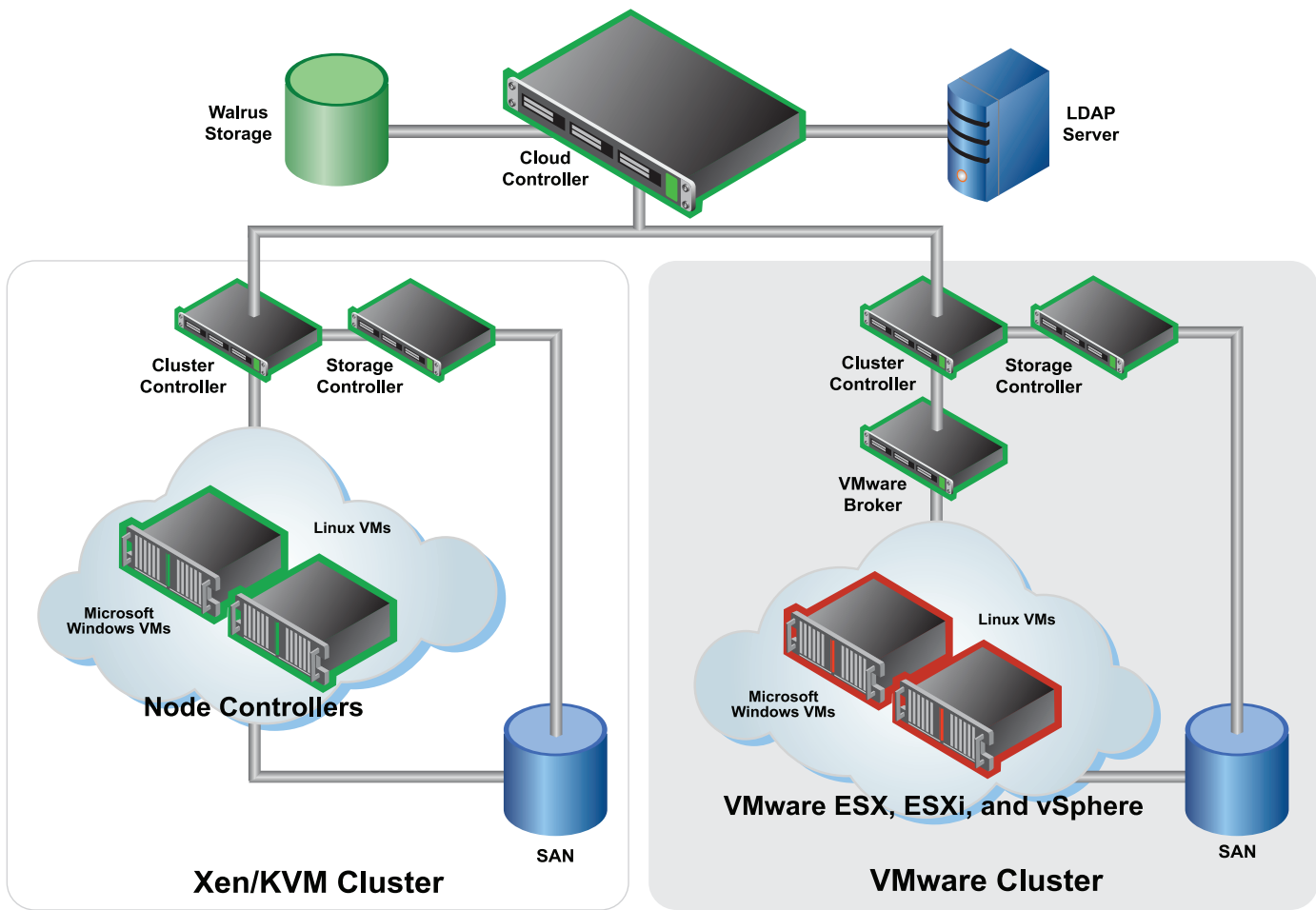
Control access to your cloud by using Eucalyptus EE's robust and comprehensive user and group management. Assign fine-grained cloud capabilities to users and groups. Enterprises and service providers can use these features to provide secure and capable self-service access to compute, storage, and networking resources.

## Accounting and Quota Management

Define and allocate resource quotas for your users and groups with Eucalyptus EE's quota management features. Control resource allocation across clusters, defined by users and groups.

Analyze your cloud usage patterns by using Eucalyptus EE's resource accounting. Compute and storage usage data is available in various formats for visualization, reporting, and analysis by business systems for both enterprises and service providers, and integration with chargeback and billing platforms.





**EUCALYPTUS FEATURE COMPARISON**

	OPEN SOURCE	ENTERPRISE EDITION
Amazon AWS Interface Compatibility	■	■
Flexible Clustering and Availability Zones	■	■
Network Management, Security Groups, Traffic Isolation	■	■
Cloud Semantics and Self-Service Capability	■	■
Bucket-Based Storage Abstraction (S3-Compatible)	■	■
Block-Based Storage Abstraction (EBS-Compatible)	■	■
Xen and KVM Hypervisor Support	■	■
VMware Hypervisor Support		■
Virtual-to-Virtual Image Conversion for VMware		■
Microsoft Windows Guest Support		■
Direct SAN Integration		■
Quota Management and Accounting		■
User Group and Role-Based Access Management		■
Scalable MySQL Database Backend		■

**About Eucalyptus Systems**

Eucalyptus Systems develops enterprise-grade technology solutions built on the open source Eucalyptus software for private and hybrid cloud computing. Originally developed as part of an academic research project, Eucalyptus technology is quickly becoming the standard for on-premise cloud computing, delivering the cost efficiencies and scalability of cloud architecture with the security and control of deploying on an organization's own IT infrastructure. Eucalyptus Systems' mission is to support the open source Eucalyptus platform and to deliver private and hybrid cloud computing solutions for large-scale enterprise deployments.

