

XOS is built for enterprise private cloud and help customers to transfer from traditional IT infrastructures to the unified and lightweight cloud. It combines server virtualization, storage management, network service, self-service portal, user and cluster management to provide an open and agile solution to build private cloud.

## XOS Features

### Faster Deployment

A service-oriented platform which can be deployed elastically and rapidly to meet the business growth. Meanwhile, it allows dynamic management on IT resources according to service.

### Lightweight IT

A lightweight IT infrastructure using converged architecture reduces TCO and complexity.

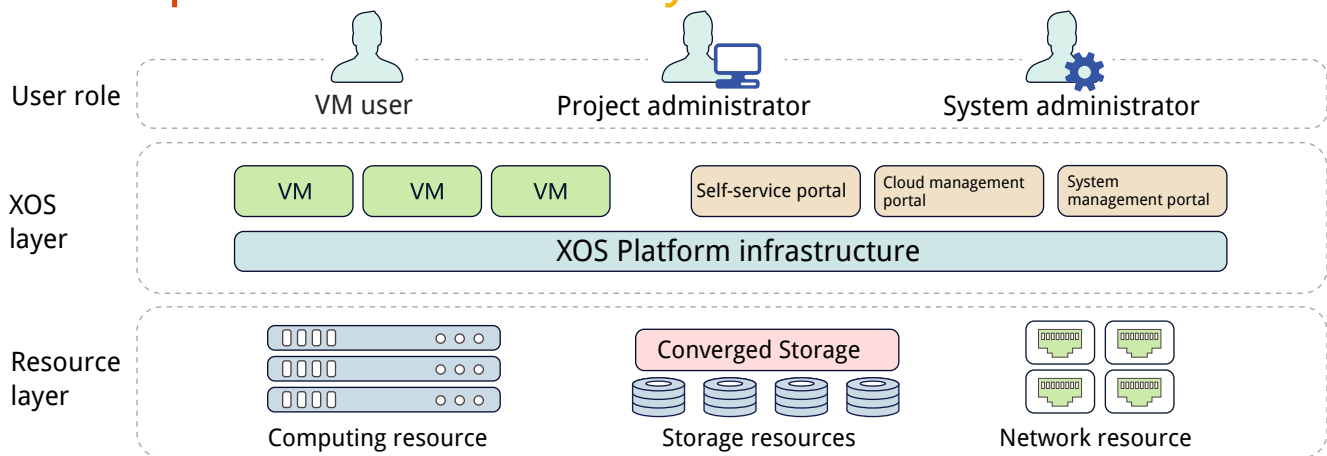
### Business Continuity

A protection mechanism combines data protection and service availability. It allows live migration for virtual machines which benefits customers in terms of greater service availability and ease of maintenance.

### On-demand Scaling

A scaling-out approach that elastically expands by putting additional devices to achieve desired capability in terms of computing, networking and storage to meet fast-changing business.

## Cloud platform software system



XOS Cloud platform overall structure

## XOS Components:

### User roles

#### VM User

Deploy the application on the designated virtual machine allocated by XOS cloud

#### Project Admin

It allows tenant management and provides separate account for different department or project in order to isolate the network and VM security.

#### System Admin

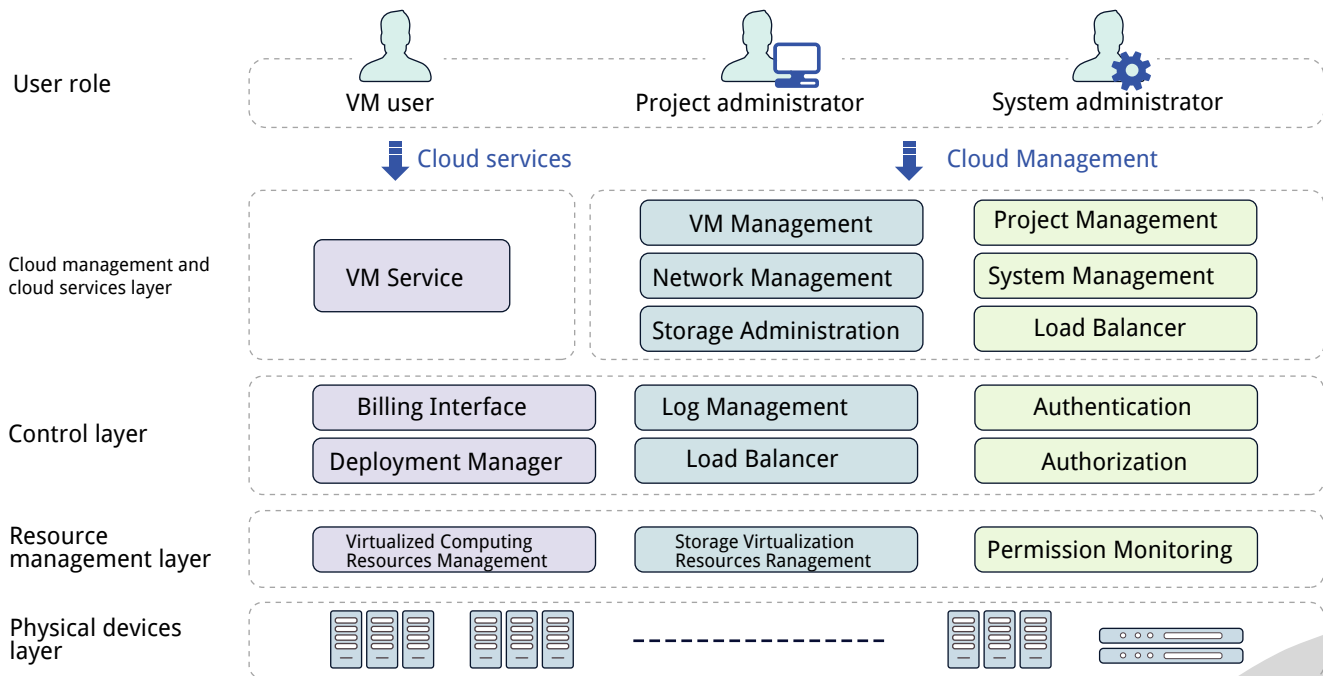
Cloud system admin

## XOS Layer

The platform of cloud management and service which includes cloud resource management, cloud service support

## Resource layer

The underlying resources: compute, storage (EVM) and networking

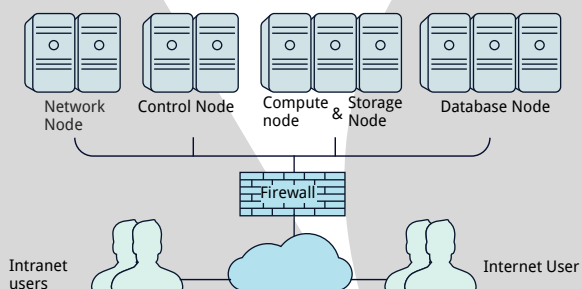


XOS Cloud Structure

## How XOS works

1. Scale-out approach ensures no bottlenecks and enhances the capability of computing, network and storage by adding new devices
2. Control node supported by HA technology, network node and compute node can be scaled-out smoothly  
Adopting hyper-converged technology to abstract compute, network and storage resource from the
3. distrusted physical devices
4. Supports bare metal installation and one-click deployment
5. Supports the SSL for the management network to ensure the security requirement
6. Built for X86 commodity server

## Cloud platform solutions



## Why XOS

- One-click deployment: simplified workflows with rich automation
- Elastic expansion: on-demand scale out
- High performance: enterprise-grade SSD provides great performance and reliability
- Simplicity: monitoring and operation tools provides ease of maintenance
- Open: provides rich API for customized development