ABOUT ZEROSTACK

ZeroStack delivers a public cloud experience with private cloud control through software that automates cloud infrastructure, applications, and operations. This solution is fully integrated with public clouds to offer seamless migration between clouds.

USE CASES

Accelerate Application Deployment
10x faster automated deployment, even for complex applications

Get Big Data Answers Faster
Focus on Insights and Analytics, not infrastructure management

Replace VMware with AWS-Like Experience
Enable cloud-native application development with container frameworks & CI/CD tools

Service and Revenue Engine for MSPs
Your profitable answer to public cloud

DATA SHEET

ZeroStack’s Intelligent Cloud Platform
ZeroStack’s cloud software converts a cluster of servers into a web-managed private cloud. This on-premises cloud provides self-service consumption, monitoring, and an integrated learning engine for performance and efficiency insight. ZeroStack enables multitenant, multi-cloud, and containerized environments with a future-ready architecture.

Bare Metal to Cloud
ZeroStack’s software creates a highly reliable web-scale cluster that pools all resources while adding a layer of service monitoring. The Operating System (OS), KVM hypervisor & cloud services are all included. All of this is self-healing and doesn’t require cloud experts to build it.

Hardware Choice
Dell, Cisco UCS, HPE, Lenovo, SuperMicro -- bring your own hardware (BYOH)

Software Defined Networking
Per-application firewalling, micro segmentation, LBaaS & DNSaaS

Multi Tenancy
Project isolation from noisy neighbors while sharing physical network, compute, & storage resources

Resilient Architecture
Self-healing distributed control plane delivering high availability & scale-out design

Software Defined Storage
Local storage, shared storage, SSDs & hard disks. Support for external storage

Web Managed
Web management provides self-service consumption with integrated monitoring and dashboards for better decision-making.

Self Service Consumption
Centralized administration, configuration & management, self-service consumption, resource quotas, approval workflow

Automated Upgrades
Automated iOS style patching & upgrades

Proactive Remediation
IT burden is offloaded by intelligent software, 24x7 x 365 monitoring & predictive analytics

Telemetry
Big data backend for events, stats & health monitoring. Real time and batch analytics

Hardware Choice
Software Defined Networking
Multi Tenancy
Software Defined Storage
Web Managed
Self Service Consumption
Automated Upgrades
Proactive Remediation
Telemetry
Key Features

Enterprise Features
Centralized administration, configuration & management, self-service consumption, resource quotas, approval workflow

Multi Cloud
ESX to KVM, with Public Cloud and VMware (vSphere/vCenter) integration

App Store
Single-click deployment from over 20 predefined templates. Upload your own templates and customize for specific needs

Integrated Backup
Enterprise-level data protection features

Open APIs
RESTful / OpenStack APIs, SDKs in popular languages like Python & Java. No lockin

Multi-Site Management
Single pane of glass across multiple regions. Deploy workloads across regions & configure new regions from one console

Integrated AppStore
Over 20 blueprints empower users with one-click application deployments. IT can rapidly automate and repeat the entire workflow from build to test to deploy.

IT Teams Can:
• Retain control over templates
• Ensure compliance

Developers Can:
• Use self-service to provision resource on demand

Many Types of Applications Are Available

CI/CD tools such as Jenkins
Big data applications such as Hadoop & Spark
SQL and NoSQL databases
Monitoring and data analysis tools such as ELK
Application servers such as Apache and NGINX

Hardware Choice

Hyper-Converged Hardware

Bring Your Own Hardware (BYOH)
Customers can easily deploy ZeroStack on supported models of pre-existing hardware and convert it into a self-service cloud in under 30 minutes.

Partner Delivered Hyper-converged Hardware
Customers can utilize validated models of Lenovo, Dell, HPE, Cisco UCS and SuperMicro hardware from their preferred VAR or Managed Services Provider (MSP). For specific details contact us or a ZeroStack channel partner.

External Storage Support
External Storage Support Customers can also utilize external storage arrays from most storage vendors including EMC (VMAX, VNX), NetApp, Nimble Storage, Nexenta, Pure Storage, SolidFire and others.