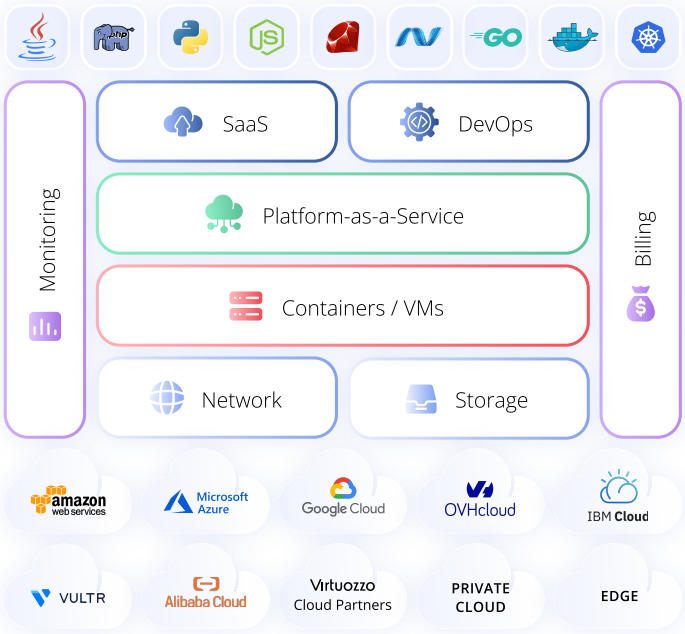
Virtuozzo
Application Management



Virtuozzo Application Management is a DevOps-friendly Platform-as-a-Service (PaaS) that simplifies the management of both cloud-native and traditional applications. Through automation and intuitive interfaces, it enables faster time-to-market across multi-cloud and hybrid cloud environments.

- Automated creation, scaling, clustering, and security updates
- White-labeled DevOps panels for both administrators and developers
- Built-in marketplace with pre-configured stacks for one-click deployment
- Kubernetes support with automated operations
- Flexible deployment: public, private, hybrid, or multi-cloud
- Infrastructure-agnostic: deploy on bare metal or any existing IaaS
- Already available across over 100 local data centers



> *"We wanted to build a platform that we could use to automate the DevOps philosophy with CI/CD, security, A/B testing, deployment and infrastructure, as a single service. With Virtuozzo Application Management and our expertise, we created the perfect solution."*



hidora
FLEX SWISS CLOUD

Matthieu ROBIN
CEO

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Platform as a Service: Sovereign, Flexible, Efficient

Virtuozzo PaaS empowers local service providers to offer Anything-as-a-Service. Our platform serves as the backbone — delivering automation, a rich marketplace with packaged templates, and built-in business tools to provision and manage services and customers with ease.





layershift

Damien Ransome
Co-Founder

"Before we provided just the basic LAMP stack via the Plesk control panel. That works fine for a single server, but if customers needed more, like a load balancer, it was quite a lot of effort for us to provision and maintain that service. Now we can do that for our customers really easily: it's just a few clicks."

Simplified Application Management

Provisioning & Scaling

- Fast and easy provisioning of containers, clusters, and environments
- Zero code changes for deploying traditional or cloud-native apps
- Automatic vertical and horizontal scaling with customizable load alerts
- Unified management via UI, SSH, CLI, and API

High Availability & DevOps Automation

- Built-in clustering for databases and application servers for failover protection
- Advanced load balancing with flexible traffic distribution methods
- CI/CD automation integrated out of the box
- Multi-cloud and multi-region interoperability

Cost Optimization

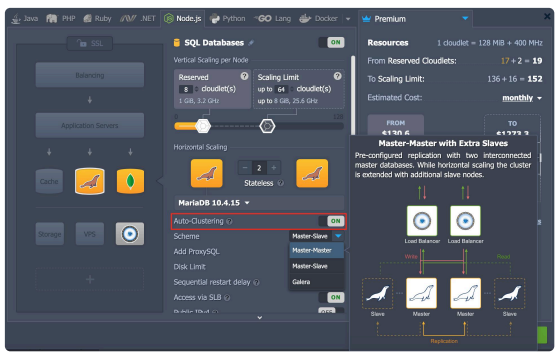
- Eliminate overprovisioning with efficient container-based virtualization
- Pay-as-you-use pricing to match actual resource consumption
- Run both containers and virtual machines in one unified platform
- Reduce infrastructure costs without compromising performance

Database Management Automation

Built-in clusterization of popu lar databases with possibility to activate the required replication mode without manual setup

- Supported replication modes: Primary-Primary, Primary-Secondary, Galera
- Load balancing with ProxySQL
- Scalability and auto-discovery
- Multi-region deployment and automated failover
- User-friendly GUI for cluster management

MariaDB Couchbase PostgreSQL mongoDB redis PERCONA MySQL



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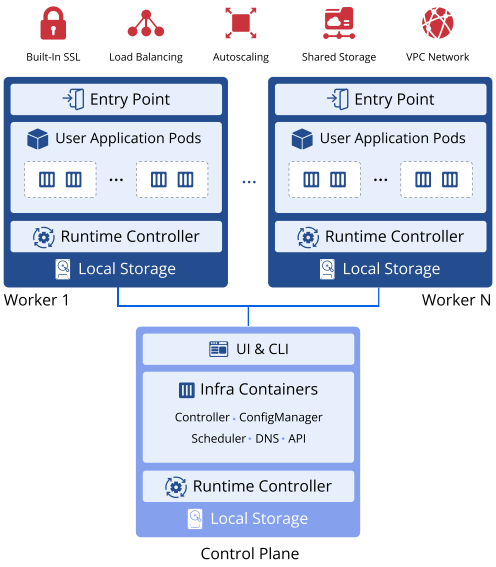
Kubernetes Management Automation



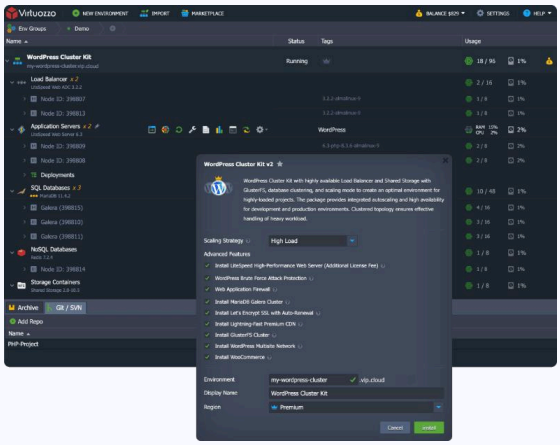
Virtuozzo Application Management includes built-in Kubernetes support delivered through a unique nested container architecture providing high density, efficiency, and powerful automation.

- Automated deployment, scaling, node discovery, and updates
- High resource efficiency through nested containers
- Pay-per-use pricing model for end users
- Integrated troubleshooting and monitoring tools
- Out-of-the-box load balancing and SSL
- Multi-cloud and on-prem cluster provisioning with no vendor lock-in
- Built-in GitLab CI/CD and storage
- High-availability (HA) control plane

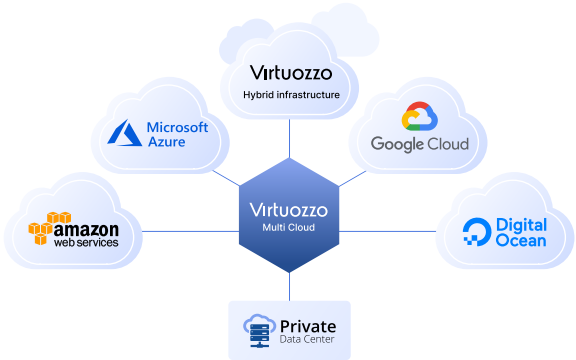
WordPress as a Service

Virtuozzo delivers a next-gen WordPress hosting solution with preconfigured environments, automated standalone and multi-region deployment, clustering, and auto-scaling. Designed to replace outdated shared hosting and overbuilt enterprise platforms, it offers a modern, cost-effective alternative that's easy to adopt and scale.

- One-click deployment with auto-scaling, clustering and multi-region setup
- Unified WordPress management via an intuitive UI
- Built-in monitoring, alerting, and metering
- Tailored for web agencies and end users
- Scalable, flexible, and more affordable than legacy cPanel/ Plesk or mega-host alternatives



Multi-Cloud and Multi-Region Application Management



Virtuozzo PaaS enables seamless application management across multi-cloud and multi-region environments through a unified platform. It supports private cloud deployments, as well as integration with major hyperscalers — offering full control, scalability, and compliance.

- Unified operations and management
- Geographic flexibility and resilience
- Compliance with data residency regulations
- Cost optimization through flexible deployments

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Proven by a global network of Service Providers

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SaveInCloud
Fabio Vieira
CEO

"This partnership helps us to offer progressive hosting services for LATAM DevOps, enabling low latency due to locally available data servers, proficient technical support and high level of performance. Now we provide the ultimate PaaS for local developers"

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