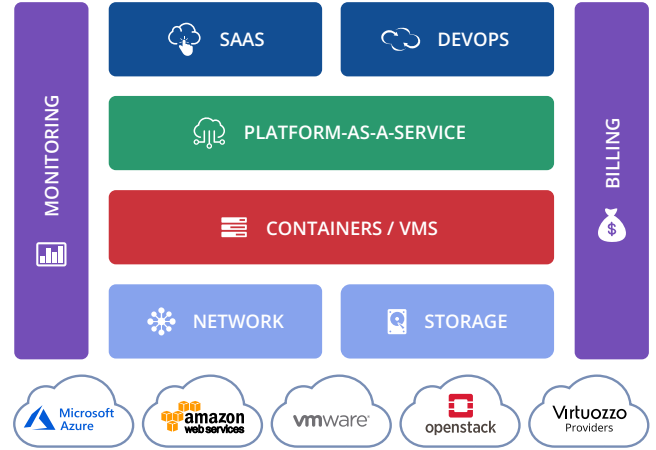# Virtuozzo

Virtuozzo Application Platform
Speed up development, reduce cost & complexity of infrastructure management, improve uptime & security

- Automates creation, scaling, clustering and security updates of cloud-native and traditional applications

- Available as public, private, hybrid and multi-cloud in more than 100 data centers

- Supports Java, PHP, Ruby, Node.js, Python, .NET, Go environments, as well as Docker and Kubernetes clusters

- Provides unique pay-per-use pricing, in addition to license-based and revenue-sharing models

MONITORING

SAAS	DEVOPS
PLATFORM-AS-A-SERVICE	
CONTAINERS / VMS	
NETWORK	STORAGE

BILLING

Microsoft Azure · amazon web services · vmware · openstack · Virtuozzo Providers

Save Time and Money

Rational Use of Developers Time	Cost Efficient Resource Usage	Multi-Cloud Availability and Interoperability
Automated DevOps processes and simplified infrastructure management	Automatic scaling, containers density and pay-as-you-use pricing model	Easy management via intuitive UI and no lock-in to vendor cloud services

Chosen by Service Providers and Developers Worldwide

IoT and Big Data
Education
Media and Entertainment
System Integrators
E-Commerce and Retailers
Finance and Banking
Digital Services
Web Development
SaaS and Software Development

30.4%
3.8%
3.1%
6.3%
7.6%
9.1%
11.4%
12.7%
13.8%

"*Virtuozzo Application Platform made it very easy for us to choose them. It is compliant with all big cloud infrastructure providers, integrates amazingly well with Java software and provides elegant solutions to manage environment provisioning, scaling, configuration and backups*"

jahia

"*With the launch of a new type of PaaS servers, Infomaniak confirms the power of its Public Cloud and establishes itself as a prime and comprehensive alternative to the web giants*"

infomaniak

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Virtuozzo

MULTI-CLOUD DEVOPS
Stop wasting time on deployment and maintenance complexity, avoid vendor lock-in, cut cloud expenses, increase high availability and performance

CONTAINERIZED HOSTING
Simplify management of IT infrastructure, modernize applications and innovate faster, increase cost efficiency and reduce time to market

SAAS ENABLEMENT
Outrun competitors with fast digital transformation, concentrate on business but not on servers management, open new product lines easily

XaaS
Anything-as-a-Service

- Platform-aaS
- WordPress-aaS
- Magento-aaS
- Application-aaS
- Database-aaS
- Kubernetes-aaS
- Container-aaS
- Infrastructure-aaS

Turnkey Application Platform
for Easy Cloud Management and DevOps Automation

PaaS
- Built-in tools for automating scaling, deployment and CI/CD
- Full application lifecycle management via UI, CLI & API
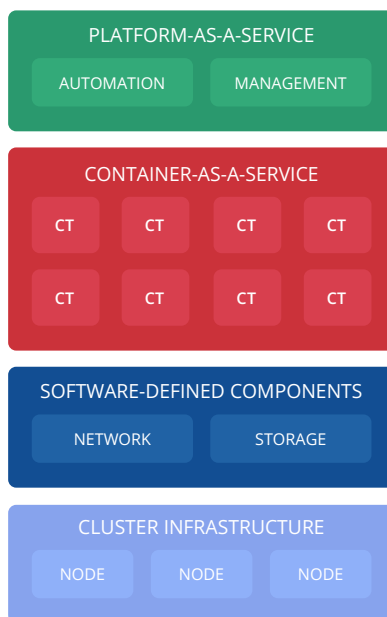- Certified software stack templates

CaaS
- Optimized Kubernetes clusters
- Enhanced Docker support
- Automatic scaling of containers
- Monitoring and management of containers

Infrastructure Diversity
- Installation on bare metal or IaaS from different cloud vendors
- Multi-cloud and multi-region deployment

Virtuozzo Application Platform

PLATFORM-AS-A-SERVICE	
AUTOMATION	MANAGEMENT

CONTAINER-AS-A-SERVICE			
CT	CT	CT	CT
CT	CT	CT	CT

SOFTWARE-DEFINED COMPONENTS	
NETWORK	STORAGE

CLUSTER INFRASTRUCTURE		
NODE	NODE	NODE

High Availability
- Zero downtime upgrades
- Session and data replication
- Disaster recovery and migration across regions & host nodes

Software-Defined Network
- Virtual private networking, virtual switching and routing srvices
- Built-in firewall and iptables routing management

Software-Defined Storage
- Supports block, file and object workloads
- Gateway for integration with backup products

AUTOMATION
- Automatic provisioning & scaling
- Automated software stack updates
- Zero code change deployment
- CI/CD automation
- Cloud Scripting

MANAGEMENT
- Unified management
- Intuitive UI for developers and admins
- Open API, CLI and SSH access
- Quotas and access control systems
- Advanced monitoring

COMPUTE
- System and application containers
- Docker and Kubernetes
- Live migration
- Intelligent placement
- High availability
- Integrated disaster recovery

MULTI-CLOUD
- Installation on bare metal or IaaS from different vendors
- Multi-region and multi-cloud deploy
- Cross-cloud/regions migration
- Infrastructure HA