



Timsoh

V-Ocean

Secure Server Virtualization Platform



Problems and limitations of modern virtualization solutions



- VMware requires significant investment in software, support, and upgrades
- Changes in licensing policy (especially after acquisition by Broadcom) make it harder to predict costs
- New pricing approaches increase costs for enterprises with high-performance CPUs
- VMware solutions (vSphere, vSAN, NSX, etc.) are deeply integrated, making it difficult to switch to alternatives
- VMware-certified hardware is required to get the best performance and support
- Broadcom may focus on large enterprises, affecting SMB customers



V-Ocean

on-premise virtualization
platform



- Out-of-the-box launch and enterprise functionality
- Based on oVirt and [KVM \(Kernel-based Virtual Machine\)](#), a leading stable open-source hypervisor that can support large scale enterprise workloads
- Member of strong open-source community
- Offers a web-based UI with the functionality similar to that of vCenter
- Development began in 2018, with 10+ releases by today
- Perpetual license per host (2 CPU with unlimited cores)

V-Ocean benefits



Performance

Since it is a type 1 hypervisor, it has near-native hardware access and needs fewer lines of code, which requires less overhead than other virtualization solutions

Ease of Integration

Easily integrates with a wide range of systems and can be tailored to your specific environment and needs

Compatibility

Supports multiple storage and networking solutions (NFS, iSCSI, GlusterFS, FC, etc.), as well as cross-platform interoperability and built-in VMware Migration Tool

Cost-Effectiveness

Single edition with all enterprise features, including Hypervisor, Management, SDN, SDS, Kubernetes Service Management, Disaster Recovery and replication, and v2v converter

Scalability

Supports large-scale virtualization environments with up to 3,500 Hosts and 21,000 VMs

Security

Strong information security of each release, ensured by penetration testing

Support

Enterprise-level support (24/7) and knowledge base

Public Roadmap

Flexibility to adapt and add new features upon customers' request

Competition



	V-Ocean Standard	V-Ocean Advanced	VMware vSphere Enterprise Plus	VMware vSphere Foundation
Licensing Model	Perpetual and Subscription			Subscription
License Metric	Per host (2 sockets with unlimited cores)			Per Core
SDS	+	+	-	+
SDN	+	+	-	+
Kubernetes Service Management	+	+	-	+
Disaster Recovery and replication	-	+	-	-
v2v Converter	+	+	+	+
Host and Storage DRS	+	+	+	+
HA failover Cluster	+	+	+	+
VMs and Storage Live Migration	+	+	+	+
Identity Federation	+	+	+	+
NVIDIA GRID Virtual GPU	+	+	+	+
Update Manager	+	+	+	+

Licensing model



Server perpetual license
(2 Sockets with
unlimited Cores)
for V-Ocean

V-Ocean Engine
(aka vCenter)
is provided for free

+

9/5 basic support for 1 year

24/7 production support
for 1 year

Subscription (V-Ocean + Engine + Technical support)

Services
Cluster deployment, VM
migration, and personnel
training – on demand

Technical Support



Severity	Response time Extended support 24/7	Response time Basic support 9/5
● Emergency Severity 1	≤ 30 min	≤ 30 min
● High priority Severity 2	≤ 45 min	≤ 45 min
● Medium priority Severity 3	≤ 2 hours	≤ 2 hours
● Low priority Severity 4	≤ 4 hours	≤ 4 hours



Timsoh

Accelerate your business
by each and every
computing effort!



Aleksandr Akishin

Commercial Director

aakishin@timsoh.uz