SARDINA



FishOS Feature Comparison

FishOS Cloud Platform for: Public Clouds | Private Clouds | Hosted/Managed Private Clouds

OpenStack | Kubernetes | Ceph

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FishOS Feature Comparison

Criteria/Feature	FishOS	Standard OpenStack	VMware	Proxmox	OpenNebula	Nutanix	OpenShift
Cost	**Low**	Medium	High	**Low**	Medium	Medium	High
Total Cost of Ownership (TCO)	**Low**	Medium	High	**Low**	High	Medium	High
Ease of Deployment	**Easy**	Complex	Moderate	**Easy**	**Easy**	**Easy**	Complex
Vendor Lock-in	**No**	**No**	Strong	**No**	Partial	Strong	Strong
Scalability	**High**	**High**	**High**	Moderate	Moderate	High	Moderate
Hardware Requirements	**Flexible**	Moderate	Strict	**Flexible**	**Flexible**	Strict	Strict
Operational Complexity	**Low**	High	Moderate	**Low**	**Low**	**Low**	High
Full Tenant Isolation	**Yes**	**Yes**	**Yes**	No	Partial	**Yes**	Partial
GPU passthrough & vGPU	**Yes**	**Yes**	**Yes**	**Yes**	Passthrough Only	**Yes**	**Yes**
Integrated Storage (Block, Object, File)	**Yes**	Add-on	Add-on	Partial	No	Partial	Add-on

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API-First Architecture	**Yes**	**Yes**	**Yes**	No	**Yes**	**Yes**	**Yes**
Infrastructure as a Code	**Yes**	**Yes**	**Yes**	No	**Yes**	**Yes**	**Yes**
Network Capability	**Rich**	**Rich**	**Rich**	Basic	Basic	Moderate	**Rich**
Storage Flexibility	**Rich**	**Rich**	**Rich**	Moderate	Moderate	Moderate	Moderate
Multi-hypervisor Support	**Yes**	**Yes**	No	No	**Yes**	**Yes**	No
Multi-zone Management	**Yes**	**Yes**	**Yes**	No	No	**Yes**	**Partial**
Resource Scheduler	**Yes**	**Yes**	**Yes**	**Yes**	No	**Yes**	No
Distributed Switch	**Yes**	**Yes**	**Yes**	No	No	No	**Yes**
Live Migration	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
Cross Cluster Live-Migration	**Yes**	**Yes**	**Yes**	No	No	**Yes**	No
Cross DC Live-Migration	**Yes**	**Yes**	**Yes**	No	No	No	No
Integrated SIEM	**Yes**	No	No	No	No	No	No

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Storage Live-Migration	Yes	Yes	Yes	Yes	No	No	No
High Availability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Self-Service	Yes	Yes	Yes	No	Yes	Yes	Yes
Disaster Recovery	Yes	Partial	Add-on	Partial	3rd Party	Add-on	3rd Party
Site Recovery	Yes	No	Add-on	No	No	No	No
SDN Integration	Yes	Yes	Yes	Partial	No	Yes	Yes
SDS Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi-Cloud	Yes	Yes	Yes	No	Yes	No	Yes
Hybrid Cloud	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Capacity Analytics	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Life Cycle Management	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Firewall	Yes	Yes	Add-on	No	Yes	Yes	Yes
Integrated Edge Router & Firewall	Yes	No	No	No	No	No	No

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Load Balancer	**Yes**	**Yes**	Add-on	No	**Yes**	**Yes**	**Yes**
Usage Metering & Billing	**Yes**	No	Partial	3rd Party	3rd Party	Partial	No
Object Storage Integration	**Yes**	**Yes**	No	No	No	**Yes**	**Yes**
Edge Zone Capabilities	**Yes**	**Yes**	No	No	Partial	No	Partial
VNF Orchestration	**Yes**	**Yes**	No	No	Partial	No	**Yes**
Auto Scaling & Elasticity	**Yes**	**Yes**	**Yes**	No	**Yes**	**Yes**	**Yes**
Identity & Access Management	**Yes**	**Yes**	**Yes**	No	**Yes**	**Yes**	**Yes**
Strong Network Segregation	**Yes**	**Yes**	**Yes**	**Yes**	No	**Yes**	No
Micro-Segmentation	**Yes**	**Yes**	**Yes (NSX)**	No	No	**Yes**	No
Container as a Service (CaaS)	**Yes**	**Yes**	**Yes**	No	**Yes**	**Yes**	**Yes**
System-wide Backup	**Yes**	No	Add-on	No	No	No	No
Backup as a Service	**Yes**	No	Add-on	**Yes**	No	No	No

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Hyper-Efficient, Scalable, Reliable, Optimized Cloud



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