LINBIT SDS

CLOUD-NATIVE SDS COMPARISON
LINBIT LINSTOR vs. Competitors

Company & product	LINBIT © LINSTOR ®	StorPool ©	MayaData © OpenEBS	Rancher© Longhorn	Red Hat ® Ceph Storage	SUSE © Enterprise Storage	Red Hat ® Gluster Storage	Portworx © PX-Store	StorageOS ©
Pricing model	Sub	P.A.Y. grow	Sub	Sub	Sub	Sub	Sub	Sub	Sub
Multi-platform	✔	✔	only K8s	only K8s	✔	✔	✔	only K8s	only K8s
Open source	✔	✖	✔	✔	✔	✔	✔	✖	partly
Caching	✔	✔	✔	✖	✔	✔	✔	✔	✔
Data locality	✔	✔	?	✖	✖	✖	partly	✔	✔
Block storage	✔	✔	✔	✔	✔	✔	✔	✔	✔
File storage	✖	✖	✖	✖	✔	✔	✔	✖	✖
Object storage	✖	✖	✖	✖	✔	✔	✖	✖	✖
NVMe over Fabrics	✔	partly	✔	?	✔	✔	?	?	?
PMEM	✔	?	?	✖	✔	✔	✔	?	?
Separated control and data plane	✔	?	✖	✖	✖	✖	✖	?	✖

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LINBIT LINSTOR compared to other products in the field

Company & product	LINBIT © LINSTOR ®	StorPool ©	MayaData © OpenEBS	Rancher © Longhorn	Red Hat ® Ceph Storage	SUSE © Enterprise Storage	Red Hat ® Gluster Storage	Portworx © PX-Store	StorageOS ©
Data encryption	✔	partly	✔	✔	✔	✔	✔	✔	✔
Containerized storage for containers	✔	✔	✔	✔	✔	?	✔	✔	✔
Synchronous replication	✔	✔	✔	✔	✔	✔	✔	✔	✔
Snapshots and clones	✔	✔	✔	✗	✔	✔	✔	✔	✔
High availability	✔	✔	✔	✔	✔	✔	✔	✔	✔
Automated, non-disruptive upgrades	✔	✔	✗	✔	✗	✗	✔	✔	✔
Prometheus metrics for workload tuning	✔	✔	✔	✔	✔	✔	✔	✔	✔
Backup and restore	✔	✔	✔	✔	✔	✔	✔	✔	?
Aggregated volumes for storage pooling across hosts	✔	✔	✔	✔	✔	✔	✔	✔	✔
Support for hyperconverged and dedicated storage architectures	✔	✔	✔	✔	✔	✔	✔	✔	✔
Volume consistency groups	✔	✔	✔	✔	✗	✗	✗	✔	?

Contact us

INTERNATIONAL
+43-1-8178292-0
sales@linbit.com

USA
+1-503-573-1262
sales@linbit.com

CSEU2007201