










CLOUD-NATIVE SDS COMPARISON

LINBIT LINSTOR vs. Competitors

Company & product	 LINBIT LINSTOR	 StorPool	 MayaData OpenEBS	 Rancher Longhorn	 CEPH Red Hat Ceph Storage	 SUSE SUSE Enterprise Storage	 GLUSTER 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	✓	?	✗	✗	✗	✗	✗	?	✗

Disclaimer: All data has been collected in July 2020. Although the data has been produced and processed from third party sources believed to be reliable, no warranty expressed or implied is made regarding accuracy, adequacy, completeness, legality, reliability or usefulness of any information.










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CLOUD-NATIVE SDS COMPARISON

LINBIT LINSTOR compared to other products in the field

Company & product	 LINBIT LINSTOR	 StorPool	 MayaData OpenEBS	 Rancher Longhorn	 CEPH Red Hat Ceph Storage	 SUSE SUSE Enterprise Storage	 GLUSTER 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	✓	✓	✓	✓	✗	✗	✗	✓	?

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