Compare Nutanix Software Editions

Nutanix Virtual Computing Platform is available in different software-based editions so that you can easily select the right capabilities to meet your infrastructure needs. For maximum flexibility, all software editions are available across the entire line of Nutanix appliances.

	STARTER	PRO	ULTIMATE
Core Data Services			
Cluster Size	12	Unlimited	Unlimited
vSphere & Hyper-V Support	•	•	•
Heterogeneous Clusters	•	•	•
MapReduce Tiering	•	•	•
Inline Compression	•	•	•
Inline Performance Deduplication	•	•	•
MapReduce Compression		•	•
MapReduce Deduplication		•	•
KVM Support		•	•
Resilience			
Data Path Redundancy	•	•	•
Tunable Redundancy Factor	2	2 or 3	2 or 3
Availability Domains		•	•
Data Protection			
VMCaliber Snapshots	•	•	•
VMCaliber Clones	•	•	•
Single Site DR (1-to-1)	•	•	•
Online Cluster Grow/Shrink	•	•	•
Time Stream		•	•
SRA Integration		•	•
VSS Integration		•	•
Multiple Site DR (1-to-many, many-to-many)			•
Common Access Card			•
Cluster Shield			•
Management & Analytics			
Prism Element	•	•	•
Pulse	•	•	•
Cluster Health	•	•	•
One-click Upgrades	•	•	•
Prism Central		•	•
Rest APIs		•	•

Pro and Ultimate Software Editions

The Nutanix Virtual Computing Platform delivers the power and simplicity of web-scale infrastructure as a turnkey solution to enterprise customers. Get the most out of the Nutanix solution with the rich software capabilities in the Pro and Ultimate editions.

Why Go *PRO*

The Pro edition offers rich data services and resilience and management features for enterprises running multiple applications on a Nutanix cluster or with large-scale single workload deployments.

Why Go *ULTIMATE*

The Ultimate edition is for enterprise customers looking to unleash the full potential of Nutanix to tackle infrastructure challenges. This edition is ideal for multi-site deployments and for advanced security requirements.

MapReduce Compression:
Post-process Compression `PRO`

Use the powerful Snappy compression algorithm to increase the effective storage capacity of your cluster up to 4X. Nutanix compresses data at the sub-block level for increased efficiency and greater simplicity. With MapReduce Compression, you can compress the data post-process, or post-ingest, to eliminate any performance impact on the write path. MapReduce Compression is highly distributed and automatically runs on all nodes in the cluster.

MapReduce Deduplication:
Global Post-process Deduplication `PRO`

Leverage powerful post-process deduplication capability to significantly boost the effective capacity of your Nutanix cluster. MapReduce Deduplication is highly distributed and automatically runs on all nodes in the cluster. As nodes are added, the deduplication functionality also linearly scales out, effectively minimizing deduplication overhead.

Tunable Redundancy:
Software-defined Data Resilience `PRO`

A suite of configurable resilience features allows customers to configure different degrees of availability for applications in the same cluster. Businesses typically demand different levels of resilience for enterprise applications. With tunable redundancy, you can now host applications with a range of resilience requirements on a single Nutanix cluster.

Availability Domains:
Bullet-proof Protection from Hardware Failures `PRO`

Get robust protection from even catastrophic hardware failures with availability domains. This feature allows Nutanix clusters to survive the failure of entire physical appliances without loss to data or service. By combining powerful data redundancy with intelligent data placement, the system automatically ensures that both data and data access will always be available.

Time Stream:
Unlimited Snapshots at VM Granularity `PRO`

Create unlimited point-in-time snapshots on your primary cluster, getting production-level data protection without sacrificing performance. Nutanix uses a redirect-on-write algorithm for faster, more efficient snapshots. Nutanix VMCaliber snapshots are at VM granularity for more fine-grained data protection with lower operational complexity.

Prism Central:
Multi-cluster Management `PRO`

Manage Nutanix clusters around the world centrally from a single pane of glass with Prism Central. The rich interface gives administrators a bird's eye view of resources across multiple clusters, and lets them zoom in to manage individual clusters as required.

Multi-site Disaster Recovery `ULTIMATE`

Set up advanced replication and disaster recovery topologies for data protection using integrated DR functionality in Nutanix. Customers can set up one-to-many and many-to-many replication schedules between Nutanix clusters across the world. All data sent over the WAN is automatically deduplicated enabling efficient remote backup and restore.

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