

NUTANIX AND TURBONOMIC

Assure application performance at web-scale

Assure Application Performance as You Scale on Nutanix Xtreme Computing Platform (XCP)

Turbonomic assures application performance by continuously matching any workload demand to any infrastructure supply, including Nutanix XCP. Nutanix hyper-converged platform natively combines compute, storage and virtualization into a scalable turnkey solution, presenting the challenge of continuously assuring workloads get the compute, storage and network resources they demand while fully benefiting from XCP's unique approach to Information Lifecycle Management.

Leveraging Turbonomic's Application Performance Control, enterprises can assure performance as they scale on and migrate workloads to a Nutanix infrastructure. Whether currently leveraging VMware vSphere or Microsoft Hyper-V, you can confidently adopt and scale Nutanix Acropolis Hypervisor (AHV) with Turbonomic's Application Performance Control platform continuously assuring applications are optimally placed and configured for the best possible performance.



Key Benefits

Turbonomic integrates with Nutanix Acropolis to assure the best real-time sizing, placement and provisioning decisions for your Nutanix infrastructure.

- **Assure Application Performance as You Scale on Nutanix**
 - Continuously assure performance while maximizing workload densities
 - Dynamically localize n-tier application workloads to minimize latency
 - Control workload lifecycle while fully leveraging Nutanix's unique approach to Information Lifecycle Management
- **Mixed Workload Clustering**
 - Enable Invisible Infrastructure by automatically and continuously matching workload resource demand to Nutanix XCP supply – across configurations and liquidity pools
- **Reduce OpEx and Eliminate Hypervisor Licenses**
 - Maintain control while reducing the complexity of virtualization management
 - Adopt AHV and control heterogeneous hypervisors without sacrificing function
- **Plan for Future Growth**
 - Model What-If growth scenarios across heterogeneous x86 infrastructure and Nutanix XCP
 - Simulate workload migrations off legacy infrastructure onto Nutanix
- **Cloud Burst On-Demand from Nutanix to AWS or Microsoft Azure**
 - Maximize hybrid cloud strategy ROI with Turbonomic and Nutanix CloudConnect by identifying which workloads to burst and when, using public cloud resources only as-needed

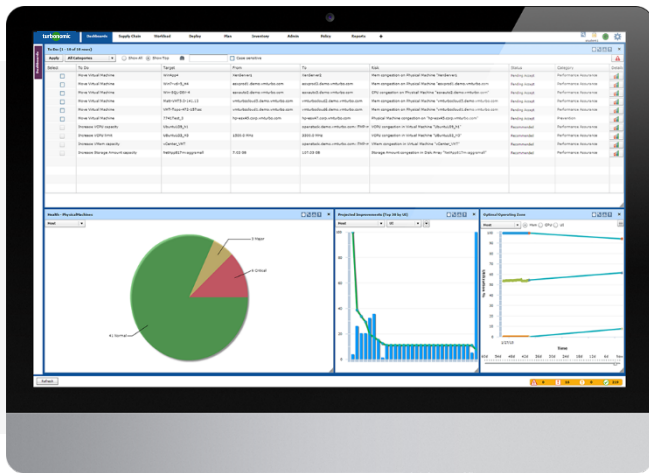
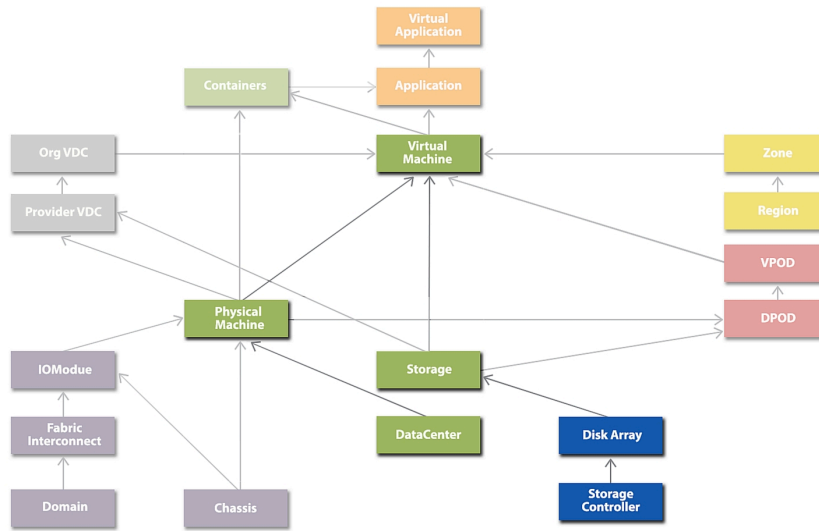
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Bring Control Further Into the Stack

Turbonomic's Common Data Model relates every entity in the data center as a provider or consumer of resources enabling real-time placement, sizing and provisioning decisions.

ENTITIES	PROVIDES	CONSUMES
Storage	Host resources for VMs to use: <ul style="list-style-type: none"> Storage amount IOPS Latency HotStorage 	Nutanix Storage Pool (Disk Array)
Nutanix Storage Pool (Disk Array)	Storage resources for datastores to use: <ul style="list-style-type: none"> Storage amount Storage provisioned IOPS Latency 	Storage controllers
Storage Controller	CPU resources to manage disk arrays	NA



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- For more information on Turbonomic, visit turbonomic.com
- For more information on Nutanix, visit www.nutanix.com