

Vertiv Power Insight Integration with Nutanix

Organizations use Vertiv™ Power Insight to oversee the power solutions that support their distributed infrastructure. This unique web-based software provides a single interface to monitor up to 100 Vertiv™ uninterruptible power supplies (UPSs) and rack power distribution units (rPDUs) and controlled shutdowns of critical computing resources.

Vertiv Power Insight now provides seamless integration with the Nutanix hybrid multicloud platform, which enables organizations to run apps and data anywhere – from on-premises datacenters to the edge and in the cloud. IT teams gain centralized visibility into the entire infrastructure, streamlined management capabilities, and the opportunity to use insights to optimize their organization's power infrastructure.

As an out-of-the-box solution, Vertiv Power Insight enables teams to get right to work, connecting and controlling devices. Users can preconfigure Vertiv Power Insight and the Nutanix plugin to trigger actions based on Vertiv™ UPS conditions and alarms, using resource information already in the system. By doing so, IT teams can architect the power continuity of physical and virtual servers on-premises, at the edge and in the cloud.

Markets We Address

Making the right physical infrastructure choice is even more important at the edge given that many deployments are in locations where additional support and protection is required. Navigating edge infrastructure is also made more complicated with the broad and varied definitions of edge.

- According to a recent survey by STL Partners, 49% of enterprises in specific industries are actively exploring edge computing and it is estimated that the total number of edge sites will grow by 226% from 2019 to 2025.
- Coordinating the many elements of edge computing (software, hardware, infrastructure, etc.) is challenging and requires an ecosystem of partners to support the 66% of enterprises that prefer to have an entire edge solution coming from a single lead vendor.

Vertiv has developed an innovative framework for categorizing edge infrastructure into specific models to help organizations make practical decisions around deploying physical infrastructure and compute at the edge. The term “infrastructure” is used instead of datacenter as not every edge deployment can be described as a datacenter form-factor and aligns to many Nutanix use cases.

Key Solution Benefits

- Improve their visibility into power resources supporting mission-critical applications
- Work more efficiently with fewer logins and centralized management capabilities
- Use centralized visibility and data to optimize the performance of power resources
- Ensure the high availability of physical and virtual servers through the Nutanix AHV hypervisor
- Monitor and support up to 100 Vertiv™ UPS and rPDU solutions from a single console
- Execute controlled shutdowns of compute when a critical event occurs
- Automatically execute simple or complex shutdown processes
- Reduce mean time to recovery (MTTR), by migrating computing workloads to healthy hosts

Nutanix Ready Validation

Vertiv PowerInsight Plugin is validated on Nutanix AOS Version 6.5

About Vertiv

Vertiv brings together hardware, software, analytics and ongoing services to enable its customers' vital applications to run continuously, perform optimally and grow with their business needs. Vertiv solves the most important challenges facing today's datacenters, communication networks, and commercial and industrial facilities with a portfolio of power, cooling, and IT infrastructure solutions and services that extends from the cloud to the edge of the network.

About Nutanix

Nutanix is a global leader in cloud software, offering organizations a single platform for running apps and data across clouds. With Nutanix, companies can reduce complexity and simplify operations, freeing them to focus on their business outcomes. Building on its legacy as the pioneer of hyperconverged infrastructure, Nutanix is trusted by companies worldwide to power hybrid multicloud environments consistently, simply and cost-effectively. Learn more at www.nutanix.com or follow us on social media [@nutanix](https://twitter.com/nutanix).

Resources and Getting Started

[Data Sheet: Vertiv™ Power Insight for Nutanix](#)

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