Nlyte Connector for HPE OneView

Hewlett Packard Enterprise

OPTIMIZE YOUR HPE ONEVIEW INVESTMENT WITH REAL-TIME METRICS AND ANALYTICS

Let's face it, a data center environment is complex, becoming ever harder to manage if left unchecked.

To manage it effectively, your first order of importance is visibility.

Without visibility, you can't get insight. Without insight, you can't drive action.

With HPE OneView, you can automate the delivery and operations of IT services, transforming everyday management of server, storage and network resources in physical and virtual environments.

With Nlyte, you go even further. You can now connect the modeled world to the real-time world and harmonize server growth and optimization with data center constraints. Nlyte leaves no stone unturned in your data centers.

With Nlyte, you can now:

- **Visualize** changes in data center infrastructure demands in real-time for each asset, rack, location and organizational group, enabling detailed forecast reporting and chargeback

- **Automate** the location management of assets down to the blade slots within a chassis, greatly reducing the risk of human errors while raising data accuracy for capacity management

- **Optimize** the data center and its racks by increasing the number of devices within a rack or chassis, continually monitoring and recording temperature, power, CPU readings

The Nlyte Connector for HPE OneView allows users to capture all available HPE OneView metrics to help you stay on top of your game.

Specifically, you can now obtain

- Real-time Power in kW
- Real-time Temperature in Fahrenheit or Celsius
- Real-time CPU Utilization in percentage
- Real-time asset location
- Real-time blade positions within chassis

All data captured above will be displayed in overlay reports to support floor planner, cabinet and logical row view data visualization.

All data is also recorded within Nlyte Analytics for trending and reporting.

Our Nlyte Connector for HPE OneView provides the quickest and most user-friendly conduit for you to capitalize on your existing HPE investment with comprehensive real-time metrics.

Benefits:

- Leverage your existing ITSM/DCSM investment in HPE OneView
- Associate real-time usage and utilization data with specific client/tenant for accurate planning, allocation and billing
- Increase accuracy and better control of changes occurring on the data center floor
- Gain a federated view, one version of the truth for all power metrics
- Save money by avoiding buying costly intelligent PDU's or inlet power sensors
- Increase data center utilization by increasing rack density to maximize server count per rack in a fixed rack power envelop
- Lower risk of outages associated with load-induced dynamic energy performance
- Reduce time to conduct audits
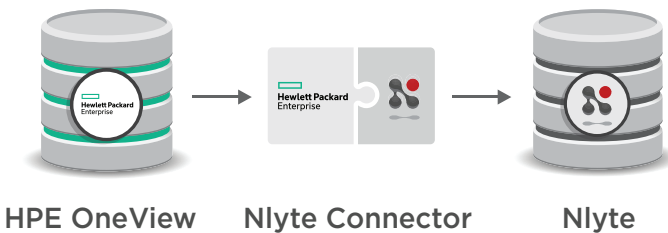- Enhance blade provisioning requirement for chassis optimization

Nlyte Connector for HPE OneView

Features:

- Real-time power and temperature data
- Plug-and-play integrations for power, sensors and any physical infrastructure components
- State-of-the-art data visualization
- Comprehensive and robust device-level energy data dashboard providing actionable information at the macro or micro levels
- "What-If" scenario simulations to guide higher level business decisions
- Robust workflow and policy management facilitating data center service management (DCSM) as critical component of larger ITSM solution
- Automatic daily report

How it works:

Nlyte Connector for HPE OneView is easy to deploy at any scale. Once installed, Nlyte data center service management will automatically monitor, record and report chassis utilization, power and thermal data for you from all supported IT equipment (e.g. servers, blade servers, PUDs and UPSs). The use of Nlyte Connector for HPE OneView eliminates the need for complex device-specific configuration, setup or customization.
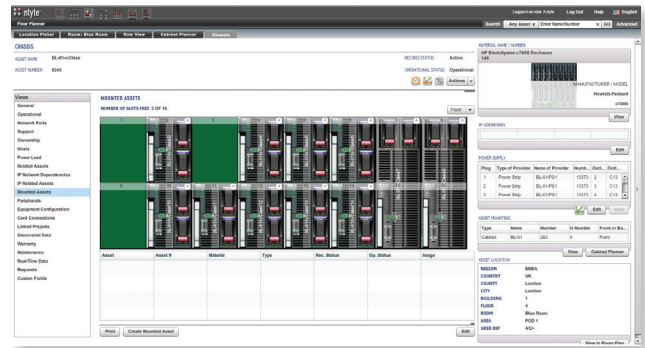

HPE OneView   Nlyte Connector   Nlyte

Nlyte integration with HPE OneView synchronizes and extracts real-time data from HPE Oneview enclosures and servers
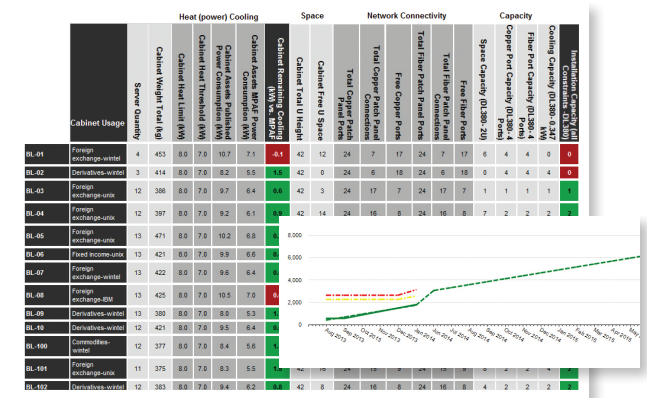
Let Nlyte and HPE do the heavy lifting for you and streamline your server monitoring and chassis optimization efforts.

Prerequisites for Nlyte Connector for HPE OneView:

- HPE OveView with REST API version 120 or higher
- Matching OneView Racks names to Nlyte counterparts
- Nlyte 7.9.247 or higher

Get automated chassis capacity management & visualization, essential for chassis optimization and provisioning management

In addition to capacity management, obtain forecast asset growth & power space usage

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FOR MORE INFORMATION

- Contact Us: **info@nlyte.com**
- Visit Us: **www.nlyte.com**

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About Nlyte

Founded in 2004, Nlyte Software is recognized as the industry leading data center infrastructure management (**DCIM**) solution provider. Nlyte's DCIM provides unmatched functionality that supports all data center processes across the entire "dock to decom" lifecycle. With a 98% customer retention rate, Nlyte's DCIM solution is used by many of the world's largest and most sophisticated data centers, as well as many small and medium sized organizations. Customers can quickly deploy the Nlyte DCIM solution and begin to immediately enjoy reduced costs and increased efficiency across all data center processes. For more information, visit **www.nlyte.com** or follow **@nlyte** on Twitter.