

NLYTE CONNECTOR

Nlyte Virtualization Connector
for Citrix



SOLUTION BRIEF

SIMPLIFY THE MANAGEMENT OF PHYSICAL AND VIRTUALIZED RESOURCES

Virtualization is driving increased server utilization in today's data centers. While compute capacity is managed, rack power and cooling capacities often go unchecked, risking unnecessary shutdowns. The already complex task of data center management becomes even more challenging with the addition of virtualization. Fortunately, Nlyte offers a solution: the Virtualization Connector for Citrix.

The Nlyte Virtualization Connector integrates with the Citrix XenServer hypervisor to streamline management and reduce risks. By leveraging the Nlyte API web services interface, users can dynamically manage their IT infrastructure like never before. The connector enables automatic discovery and monitoring of virtual machines within the hypervisor, providing a unified view of all physical and virtual servers and machines. It also automatically updates Nlyte with any application relationship changes occurring in the hypervisor.

This continuous background automation enhances visibility and value for business groups and support teams, ensuring that any changes affecting applications are promptly addressed. With direct integration between Nlyte and Citrix XenServer, you gain comprehensive visibility across both physical and virtual resources, simplifying management and mitigating risks.

KEY BENEFITS

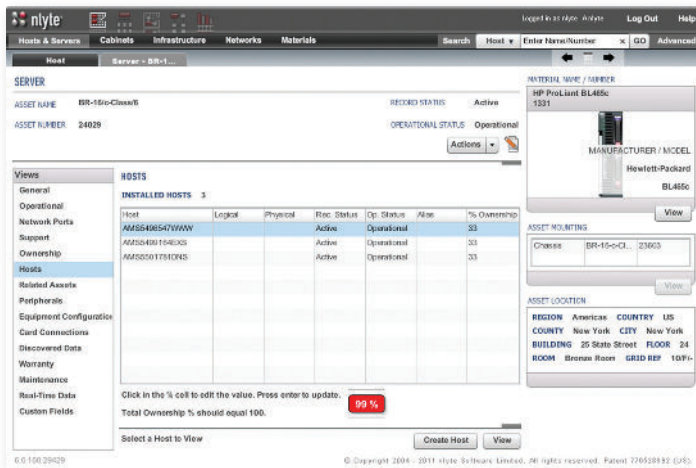
- **Simplified Management and Cost Reduction:** Automatically and continuously migrate changes, reducing the complexity and cost of managing a virtualized data center.
- **Enhanced Control and Optimization:** Manage physical and virtual resources seamlessly without needing multiple management systems or manual, time-consuming processes.
- **Effective Outage Management:** Identify Guests and Hosts during outages and ensure affected applications have contingency plans in place.
- **Risk Mitigation During Changes:** Display higher-level instances that may be impacted by hardware changes to minimize risks during moves, additions, and decommissions.
- **Reduced MTTR:** Quickly determine the rack location of the physical server hosting the virtual machine and its host, significantly reducing mean time to repair (MTTR).

FEATURES

- **Increased Unified View:** Gain a single, comprehensive view across all physical and virtual servers and machines, including racks, rows, and pods.
- **Automated Discovery and Monitoring:** Automatically discover and monitor virtual machines, with hypervisor monitoring to identify and update a range of virtual machine events in Nlyte continuously.
- **Real-time Application Relationship Updates:** Receive up-to-date information on application relationship changes in the hypervisor, automatically reflected in Nlyte.
- **Insightful Dashboards and Reports:** Access dashboards and reports detailing the relationships between physical and virtual resources and the business groups within your organization.
- **Cluster and Host Connectivity:** Connect clusters and hosts for each configured data center seamlessly.
- **Easy Deployment:** Deploy across the entire enterprise effortlessly with the off-the-shelf, optional connector.

PREREQUISITES

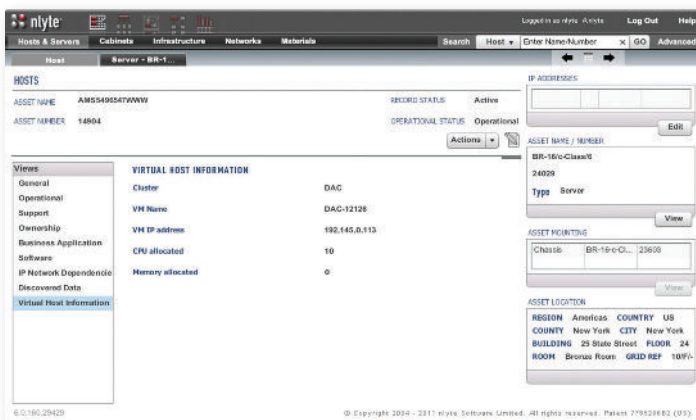
- Nlyte 14.1.100 or higher.



Virtual Machines updated to a server asset

Visibility between the physical Host and all Guest operating instances in real-time:

- Nlyte host records created for each VM
- Multiple VM hosts on a physical server asset
- Updated automatically by the hypervisor
- Identify VM to physical location



Virtual Machines – Nlyte Host Records

Nlyte treats Virtual Machines much in the same way as Physical machines with operating parameters and asset details:


- Host record created / updated by the hypervisor
- Host record linked to organizational units
- Host record mapped to server and power



About Nlyte Software

Nlyte Software helps teams manage their hybrid infrastructure throughout their entire organization from desktops, networks, and servers to IoT devices – across facilities, data centers, collocation, edge, and the cloud. Using Nlyte’s monitoring, management, inventory, workflow, and analytics capabilities, organizations can automate their hybrid infrastructure to reduce costs, improve uptime, and help comply with regulatory and organizational policies

Nlyte Software is a part of Carrier Global Corporation.



When you're ready to
optimize your critical
infrastructure,
We're ready to help.



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