

nGenius Packet Flow Systems Fabric Manager

Centralized Orchestration and Management of the Packet Flow Switch Fabric

- Single pane of glass for managing one or dozens of switches across the monitoring network.
- Orchestrate, manage, monitor, and troubleshoot the Packet Flow Systems (PFS) fabric.
- Intuitive, drag and drop, browser-based UI.

The nGenius® series packet flow switches enable pervasive network visibility, from small or remote sites, to large, core, or spine deployments in data centers and central offices. The nGenius Packet Flow Switch (PFS) Fabric Manager is a central management pane of glass that enables administrators to easily configure, deploy, and troubleshoot monitoring networks. It provides an intuitive, drag-and-drop configuration with powerful but simple-to-use workflows that cover the three major areas, or lifecycles, of a packet flow switch system: configuration, deployment, and monitoring.

Configuration

Administrators can easily configure physical hardware and elements, such as switches, blades, and ports. Reusable logical elements, like filters or load balance groups, can be configured for drag-and-drop deployment in graphical traffic maps, called topologies. Intelligent workflows allow administrators to create completely new filters, or new filters based on a previously configured filter, allowing for quick and easy changes to filters already in deployment.

Deployment

In the Deployment Lifecycle, administrators configure the graphical representation of topologies. Topologies represent flows of traffic, typically from tap, to the packet flow switch or switches, and out to monitoring tools. The nGenius PFS Fabric Manager provides control to administrators, allowing for configuration on a canvas that is non-intrusive to the underlying infrastructure until the administrator chooses for the configuration to be pushed to the switches. Pre-staging of changes can be made

ahead of a maintenance window, without disrupting the current configuration, or having to wait until the maintenance window arrives to make the changes. Versioned topologies enable snapshots of topologies at given points in time, providing backups to existing configuration, and giving administrators peace of mind.

Monitoring

In the Monitoring Lifecycle, administrators oversee the health of the current system, hardware or topologies, including ports and statistics. Easy-to-read graphs, called monitors, allow for at-a-glance status of ports or topologies or the switches overall.

Key Features & Benefits

- Centralized orchestration and management enables easy-to-use, powerful configuration, deployment, and monitoring of the visibility network.
- Visual traffic maps, or topologies, allow for drag-and-drop configuration and deployment of traffic flows, from tap to tool.
- Browser-based configuration enables administrators to begin using the system, or continually monitor the system, without the need for heavy clients/repeated client updates of software (no java client).
- Single UI, whether you manage one switch, or manage multiple switches at once. Single or central management provides administrator with the exact same user interface to interact with, allowing administrators to learn one set of workflows and apply them ubiquitously, without having to learn a second set of workflows when switching from single to central management.
- Powerful monitors allow at-a-glance oversight of the monitoring network, with drill-down options right from the monitors in the event that more investigation is needed.

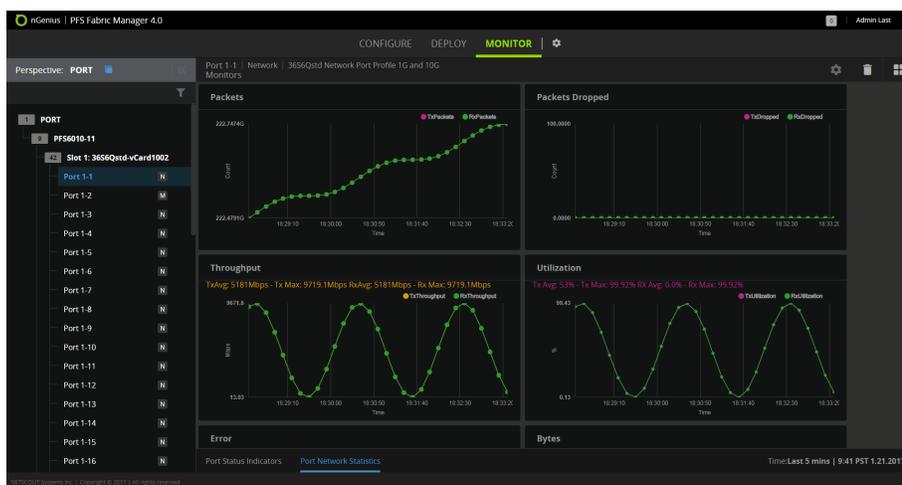


Figure 1: Monitors allow at-a-glance oversight of the monitoring network.





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