

EYE 2012/ENMA 9.0 Features and Benefits

Strategic Benefits:

- Future Proof Technology (FPT)**
 Adapting to change in the network or network technology to allow “coverage” and eliminate management blind spots
- Operational Efficiency (OE)**
 Reducing the cost and/or effort required for network management, but keep or increasing amount of work accomplished
 Getting done more with less
- Business Focus (BF)**
 Allowing better understanding of how the network is supporting the business, applications and initiatives

Feature	Benefits	FPT	OE	BF
Discovery, inventory and topology mapping of embedded virtual switches	<ul style="list-style-type: none"> Enables faster troubleshooting by revealing the internal connectivity relationships between physical (access switches) and virtual (hypervisors, virtual switches, VMs) entities 		X	
	<ul style="list-style-type: none"> Documents the current virtual topology for hypervisors, VMs and VNICs and their connectivity to physical access switches 		X	X
	<ul style="list-style-type: none"> Gain an understanding of how the configuration of virtual port groups (VPGs) may impact bandwidth and applications across the entire infrastructure 		X	X
	<ul style="list-style-type: none"> Ensures that proper inventory and configuration oversight is maintained for NOC operators who do not always have direct access to virtualization management software 		X	X
	<ul style="list-style-type: none"> Improves correlation of fault, performance and netflow data from Cisco Nexus 1000v with its connectivity and configuration in virtualized infrastructure 	X	X	X

Feature	Benefits	FPT	OE	BF
Link Layer Discovery Protocol (LLDP)	<ul style="list-style-type: none"> Provides users with a more complete network topology understanding. LLDP protocol, frequently used in multi-vendor networks, allows EYE discover layer two connectivity between network devices that support this standard, regardless of their manufacturer. 		X	
Nortel Discovery Protocol (SONMP)	<ul style="list-style-type: none"> Provides Nortel users with a more complete network topology understanding. SONMP allows EYE discover layer two connectivity between Nortel devices that implement this protocol. 		X	
Centralized License Management	<ul style="list-style-type: none"> Less time and energy spent with management of licensing for multiple servers and locations 		X	
	<ul style="list-style-type: none"> Accelerated deployment in multi-server environments 		X	
	<ul style="list-style-type: none"> Faster and easier reallocation of device/object licenses 		X	
	<ul style="list-style-type: none"> Continuity of monitoring operations - Server reboot not required 		X	
	<ul style="list-style-type: none"> Simple up- or downsizing of existing licenses 		X	
Monitoring Enhancements – variable polling	<ul style="list-style-type: none"> Provides operators with more accurate information about reachability and performance of both devices and their ports 		X	
	<ul style="list-style-type: none"> Delivers quicker alerts about issues before they turn into major impacts 		X	
	<ul style="list-style-type: none"> Increases visibility into peak utilization on individual ports for long term reporting 		X	
Data Visualization Multi-source Charting	<ul style="list-style-type: none"> Provides visualization and correlation of relevant performance data from different sources in a single pane of glass to accelerate troubleshooting 		X	
	<ul style="list-style-type: none"> Allows observation of multiple data sources as a single coherent system via a new data aggregation capability (i.e. aggregated traffic rate for multiple WAN ports) 		X	X

Feature	Benefits	FPT	OE	BF
Data Timeline Access	<ul style="list-style-type: none"> Simplifies the control and selection of current or historical data timeframes using a convenient slider 		X	
Current Chart	<ul style="list-style-type: none"> Allows seamless movement between the current chart and the rest of the UI and back without any data gaps 		X	
	<ul style="list-style-type: none"> Allow for gradual build-up of a chart from multiple data sources by leaving the chart and returning to it later 		X	
Charting of Any Data Source	<ul style="list-style-type: none"> Exposes large amounts of data for charting for increased visibility 	X	X	X
Peak Values Charting	<ul style="list-style-type: none"> Helps NOC operators understand historical trends with visualization of both mean and peak values in selected time intervals for long or mid-term history. 		X	
Always-on link to the current chart	<ul style="list-style-type: none"> A URL link to current graph definition allows quick sharing of charts among peers, bookmarking and allows precise configuration of charts for custom dashboards. 		X	
Integrated Flow Analyzer (IFA) – New Device Support	<ul style="list-style-type: none"> Cisco Nexus switch family including Cisco Nexus 1000v are supported sources for flow data 	X	X	X
	<ul style="list-style-type: none"> Enables incoming and outgoing flow based traffic analysis from the start of the virtual infrastructure through to each VM 	X	X	X
	<ul style="list-style-type: none"> Enables visibility into traffic flows within a virtual switch to understand where applications or users could be impacting bandwidth utilization 	X	X	X
	<ul style="list-style-type: none"> Ability to now correlate virtual flow data with flow data from the physical environment 	X	X	X
Detection of Module Adds/Changes/Deletions	<ul style="list-style-type: none"> Operators can be alerted about any hardware sub-component change as soon as it occurs 		X	X
Browser Support	<ul style="list-style-type: none"> Extends support to the latest versions of FireFox 7 and IE 9 and compatibility with FF3 and IE8 is maintained 	X	X	