

Cisco Prime Network



What Is the Value of Cisco Prime Network?

Cisco Prime™ Network provides cost-effective device operation, administration and network fault management for today's complex and evolved programmable networks (EPNs). It is a single solution to support both the traditional physical network components, as well as compute infrastructure, and the virtual elements found in data centers. Automated configuration and change management combined with advanced troubleshooting and diagnostics greatly help service providers enable proactive service assurance. Additionally, the flexible and extensible architecture is designed to support the multivendor environment, helping to lower operational costs.

What Problems Does It Help Solve?

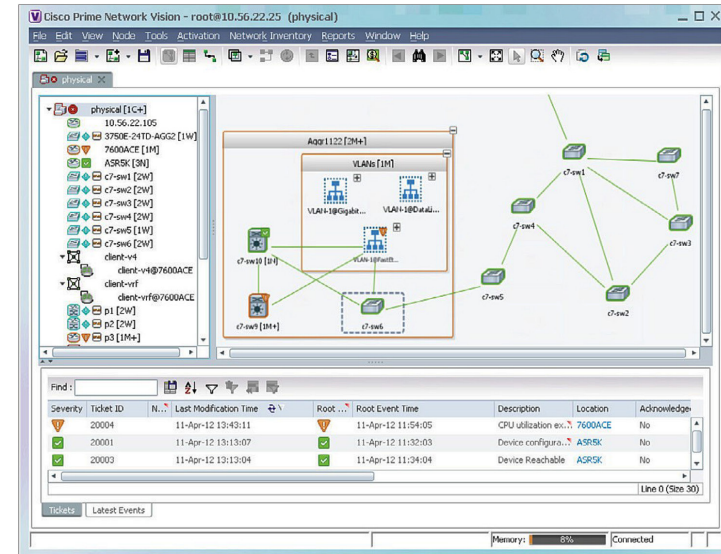
With the accelerated pace of virtualization and the convergence of physical and virtual infrastructure, service providers are under increasing pressure to realign their operational processes to build a more profitable operational model. However, today's disjointed management systems make it difficult to achieve the cost effectiveness while simultaneously meeting the requirements to deliver data, voice, video, mobile, and cloud services. Cisco Prime Network is a comprehensive and feature-rich management solution that helps drive operational efficiencies to address these challenges.

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- Comprehensive, graphical views of the entire network from topology down to the device level with centralized inventory, status, and fault information (refer to Figure 1)
- GUI-based device component configuration with more than 200 prebuilt and downloadable configuration plug-ins
- Automated discovery, device configuration, and change management with up-to-date displays of network events, states, and configuration changes
- Topology-guided troubleshooting, automatic root-cause identification, and alarm reduction through de-duplication
- Optimization for multilayer, multitechnology, and multivendor networks, supporting major device types and configurations
- Support for standards-based northbound interfaces (NBIs) for third-party operations support system (OSS) applications

Cisco Prime Network is available as a standalone product or as a preintegrated component of the [Cisco Prime Carrier Management](#) suite.

Figure 1. Cisco Prime Network Topology View



What Are the Benefits of Cisco Prime Network?

- Increased operational scale and efficiency through simplified and automated network discovery, configuration, and change management
- Proactive service assurance in combination with [Cisco Prime Performance Manager](#). Highly effective postevent fault management and trend information help providers avoid future service disruptions.
- Lower costs through preintegration with the other components of the Cisco Prime Carrier Management suite and through standards-based NBIs to third-party OSSs

Why Cisco?

The Cisco Prime portfolio of IT and service provider management offerings empowers organizations to more effectively manage their networks and the services they deliver. Built on a service-centered foundation, Cisco Prime supports integrated lifecycle management through an intuitive workflow-oriented user experience, providing A-to-Z management for EPNs, mobility, video, cloud, and managed services.

For more information about Cisco Prime Network, contact your local account representatives or visit the overview at www.cisco.com/go/primenetwork.