Cisco Prime for IT Product Portfolio

Cisco Prime™ for IT is a strategy and portfolio of management products that empower IT departments to more effectively manage their networks and the services they deliver. The Cisco Prime for IT strategy is built on a service-centered foundation and a set of common operational attributes. It delivers an intuitive workflow-oriented user experience across Cisco® architectures, technologies, and networks. The Cisco Prime for IT portfolio of products simplifies network management, improves operations efficiency, reduces errors, and increases network predictability.

To learn more about Cisco Prime, please visit: <u>http://www.cisco.com/go/prime</u>.

Product Portfolio	Features	Benefits
Cisco Prime Infrastructure		
Image: contract of the second secon	Scalable, integrated solution for lifecycle management of wired and wireless networks	 Allows IT to move beyond box management to a user-focused approach
	 Streamlined workflows for effortless and quicker deployment, provisioning and troubleshooting of unified access devices 	 Facilitates effortless and quicker deployment, provisioning, and troubleshooting through streamlined workflows
	 Deep application and user visibility for optimal application delivery and user experience 	 Speeds up troubleshooting for the top reported customer pain point – network problems related to client devices
	 Simplified troubleshooting and remediation for applications, services and a better end-user experience using the user-360 view 	 Delivers visibility into users, devices, and security policy compliance across the entire wired and wireless access network
	 Expanded Cisco Application Visibility and Control (AVC) support for wired devices and wireless networks Complete visibility into endpoint connectivity regardless of device, 	Reduces operational costs through an intuitive user experience
		 Decreases operational overhead through automated regulatory compliance and auditing capabilities Supports flexible deployment options with physical or virtual appliance availability
	 network, or location Performance data collection and aggregation from multiple sources Multi-NAM Manager: Central discovery, configuration, reporting, and troubleshooting using multiple Network Analysis Modules (NAMs) at using paints in the patterning pathways. 	
<figure></figure>	 various points in the enterprise network Quickly optimize and troubleshoot network and application performance Gain consistent application performance visibility across the network Access critical network information to optimize network resources Quickly isolate and troubleshoot performance issues Built-in tools support granular traffic analysis, rich application performance metrics, comprehensive voice analytics, and one-click deep insightful packet captures 	 Makes it easy to understand how network traffic is performing and being used Enhances operational efficiency by supporting rapid problem resolutions Improves the delivery of business-critical applications Supports flexible deployment options with availability as service modules, self-contained appliances, or virtual service blades

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Product Portfolio	Features	Benefits
Cisco Prime Infrastructure		
	 Integrated and scalable Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP), and IP Address Management (IPAM) solution Fast: Able to assign more than 47,000 DHCP leases per second and significantly accelerate DNS queries Simple: Reduced complexity with intuitive IP address management Highly secure: DNSSEC support to help prevent cache poisoning and other common DNS vulnerabilities Cloud ready: Multitenant capabilities to enable cloud-based DHCP and DNS Low risk and reduced startup costs: Can be deployed in a virtualized environment 	 High-performance provisioning of IP addresses and activation of network devices and services Proven scalability with DHCP services for more than 50 million devices in a single customer deployment Reliability with DHCP safe failover, support for high-availability DNS, IPAM database replication for backup of IPAM data, and avalanche prevention to reduce downtime after network outages Centralized, automated management of IP address space and DHCP and DNS servers IPv6 support to help automate and manage the transition from IPv4 to IPv6 and allow dual-stack deployments on a single server including US Government IPv6 (USGv6) certification
Cisco Prime Collaboration		
	 Accelerated Cisco voice provisioning and real-time monitoring, troubleshooting, and long-term trending and analytics for Cisco voice and video Automated processes for initial Cisco Unified Communications deployments and "day-2" moves, additions, changes, and deletions Policy-based automation to align with enterprise rules, workflow, and delegation Single pane of glass for comprehensive monitoring and troubleshooting of Cisco Unified Communications and Cisco TelePresence® networks with dashboard summaries to view network status at a glance and quickly identify potential problems Event correlation that facilitates event notification reduction Proactive fault detection and rapid isolation using purpose-built diagnostic tools to simulate traffic and test circuits and endpoints Historical reporting of key performance indicators and trend analytics for capacity planning, resource optimization, and quality of service 	 Accelerates site rollouts and maintenance for Cisco Unified Communications services and helps eliminate provisioning errors for significant productivity improvements, lower operating expenses, and greater end-user satisfaction Promotes delegation of provisioning tasks to help desk personnel, freeing up IP communications personnel for more strategic activities and further lowering operating expenses Reduces downtime and helps ensure reliable service delivery Simplifies assurance management, providing a complete overview of problems affecting collaboration services, including Cisco video sessions in progress, as well as endpoints and service infrastructure devices Promotes a superior end user experience by expediting operator resolution of service quality issues before end user impact Promotes smarter technology investment decisions, cost savings through resource optimization, and network optimization – all through statistical analysis

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Product Portfolio	Features	Benefits
Data Center		
<figure></figure>	 Quickly optimize and troubleshoot network and application performance Gain consistent application performance visibility across the network Access critical network information to optimize network resources Quickly isolate and troubleshoot performance issues Built-in tools support granular traffic analysis, rich application performance metrics, comprehensive voice analytics, and one-click deep insightful packet captures 	 Makes it easy to understand how network traffic is performing and being used Enhances operational efficiency by supporting rapid problem resolutions Improves the delivery of business-critical applications Supports flexible deployment options with availability as service modules, self-contained appliances, or virtual service blades
(NAM) 5.1		
<complex-block></complex-block>	 A high-performance solution delivering NetFlow visibility within the network Purpose-built with flexible set-up and configuration NetFlow versions 5 and 9, and IP Flow Information Export (IPFIX) support Advanced filters for custom exports to multiple collectors Load-balancing and flow replication to increase design efficiency Predictable cost model 	 Accelerated problem resolution with visibility across multiple observation points Accurate network usage characterization for billing or chargeback Right-sized physical and virtual network resources Fortified network protection with full end-to-end flow visibility Improved switch performance by offloading the NetFlow generation function
Image: constrained and constra	 Optimizes the overall uptime and reliability of your data center infrastructure and helps improve business continuity Automates provisioning of data center LAN and storage area network (SAN) elements Proactively monitors the SAN and LAN, and detects performance degradation Helps secure the data center network Eases diagnosis and troubleshooting of data center outages Simplifies operational management of virtualized data centers 	 Faster problem resolution Intuitive domain views that provide a contextual dashboard of host, switch, and storage infrastructures Real-time and historical performance and capacity management for SANs and LANs Virtual-machine-aware path analytics and performance monitoring Easy-to-use provisioning of Cisco NX-OS features with preconfigured, customized templates Customized reports which can be scheduled at certain intervals

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