The bridge to possible

Benefits of Upgrading to Cisco 1000 Series Integrated Services Routers

Learn more at https://www.cisco.com/go/isr1000

Intent-based networking capabilities	Features	Cisco 1800 Series (EOL Oct 2016) and 1900 Series (EOS Oct 2017) Integrated Services Routers	Cisco 819 and 890 Integrated Services Routers	Cisco 1000 Series Integrated Services Routers	Benefits
Policy-based automation	Cisco DNA Center centralized management	✕	✕	✓	Simplifies network management, enables network deployment in minutes, and predicts problems before they happen
	Cisco® SD-WAN	✕	✕	✓	Cloud-delivered, secure, flexible, and rich services architecture that delivers the best user experience over any connection
	Pay-as-you-grow performance and services	✕	✕	✓	Ability to buy what you need today and upgrade anytime without a complete equipment upgrade
Analytics and assurance	Cisco DNA Assurance network monitoring	✕	✕	✓	Continuous verification, insights and visibility, and corrective actions
	Cisco Application Visibility and Control (AVC)	✕	✓	✓	Visibility into 1000+ applications for capacity planning and prioritization
	Cisco vAnalytics	✕	✕	✓	Enables future planning based on intelligent data and provides recommendations for predictable app performance
Connectivity and performance	Cisco ThousandEyes	✕	✕	✓	Extends visibility into the internet, cloud, and SaaS*
	Cisco IOS® XE open operating system	✕	✕	✓	Multicore processing for increased network services performance and availability
	Next-generation wireless*	✕	✕	✓	Faster, more optimized wireless access with 802.11ac and 801.11ax (Wi-Fi 6)
	Next-generation WAN	✕	✕	✓	Faster connectivity with 5G and next-generation DSL options, such as G.fast
	Power over Ethernet Plus (PoE+)	✕	✕	✓	Enhanced power over Gigabit Ethernet for reduced deployment times and energy costs

* Selected Cisco 1000 Series ISRs only.

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Security and compliance	Cisco vManage	✓	✓	✓	A highly visualized dashboard that provides centralized configuration, management, operation, and monitoring across the entire SD-WAN fabric
	Trustworthy systems	✕	✕	✓	Security foundation that also provides next-generation encryption and integrity verification
	Cisco Umbrella™ (OpenDNS)	✕	✕	✓	Protects against malware, botnets, phishing, and targeted online attacks using real-time threat intelligence
	Cisco Secure Network Analytics	✕	✓	✓	Branch network visibility and device-level incident response with packet capture and machine learning
	Encrypted Traffic Analytics	✕	✕	✓	Finds malicious activity in encrypted traffic without decryption

Cisco software subscription licenses for routing make it easy for IT to get started on their intent-based networking journey, with:

- Flexibility and investment protection
- License portability between on-premises and cloud management
- Access to ongoing routing innovations

Learn more about software subscription for routing at cisco.com/go/dnawan.