

## Cisco Prime IP Express

**Q.** What is Cisco Prime?

**A.** 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 evolved programmable networks, mobility, video, cloud, and managed services.

**Q.** What is Cisco Prime IP Express?

**A.** Cisco Prime IP Express provides integrated, reliable Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP), and IP Address Management (IPAM) (DDI) services for both IPv4 and IPv6.

The solution includes the following integrated components - all supporting both IPv4 and IPv6:

- DNS services for IP address translation and service delivery
- A DNS caching server that supports forwarding, DNS recursion, and DNS Security Extensions (DNSSEC) to prevent cache poisoning and other attacks
- DHCP services for device network access
- A powerful, comprehensive IPAM system to automate and manage all IP address requirements

**Q.** An integrated bring-your-own-device (BYOD) captive portal server is included with the DHCP and DNS components. What is the BYOD captive portal?

**A.** The BYOD captive portal allows employees to use their own mobile devices for business communications in a managed way. When a user attempts to connect a BYOD device to a Cisco Prime IP Express DHCP network for the first time, he or she will be automatically redirected to the BYOD registration web portal. Here, the user must register the device by logging in with existing Microsoft Active Directory (AD) credentials.

**Q.** Does Cisco Prime IP Express support multiple AD groups?

**A.** Yes, Cisco Prime IP Express administrators may be assigned to one or more AD administrator groups.

**Q.** Who should deploy Cisco Prime IP Express?

**A.** Cisco Prime IP Express is designed for enterprises that need a reliable, secure DDI solution for centralized management. Organizations managing more than 5000 IP addresses would benefit from using the IPAM component.

**Q.** Where and when can I obtain part number information for Cisco Prime IP Express 8.2?

**A.** Part numbers for full and upgrade product IDs (PIDs) are available in the Ordering Guide for Cisco IP Express Version 8.2 on Cisco.com.

- 
- Q.** What licensing method does Cisco Prime IP Express utilize?
- A.** Cisco Prime IP Express consists of four integrated components that can be ordered/purchased individually or as part of one of two suites. The first suite, Cisco Prime IP Express DD, includes DHCP and DNS. The second suite, Cisco Prime IP Express DDI, includes DHCP, DNS, and IPAM. A DNS caching server is included in the base license of the DNS service and the DD and DDI bundles. Additional DNS caching server licenses can be purchased as needed.

Cisco Prime IP Express is licensed based on the number of IP nodes being supported (for DHCP and IPAM) and zone resource records (RRs) (for DNS). Users must first order a base license, which includes the software media kit and a license for 1000 IP nodes/RRs. If the network has more than 1000 IP nodes/RRs, users can order additional licenses to cover the remaining IP nodes/RRs.

For the two suites, the license count applies to each service; for example, for the Cisco Prime IP Express DD base license, the license covers 1000 IP nodes for DHCP and 1000 RRs for DNS. For additional licensing information, please refer to the Ordering Guide for Cisco Prime IP Express Version 8.2 on Cisco.com.

- Q.** Can Cisco® Network Registrar or Cisco Prime Network Registrar customers upgrade to Cisco Prime IP Express?
- A.** Customers using Cisco Network Registrar 7.0 or later can upgrade to Cisco Prime IP Express 8.2. To do so, customers must upgrade their base license and any additional IP node count licenses as necessary.
- Q.** On what platforms is Cisco Prime IP Express supported?
- A.** Platform support for Cisco Prime IP Express 8.2 DHCP, DNS, and the DNS caching server currently includes Windows Server 2008, Red Hat Enterprise Linux 5.0, Red Hat Enterprise Linux 6.x, and CentOS Enterprise Linux 6. x.

Platform support for the IPAM component includes Windows Server 2008 (32-bit or 64-bit English versions), and Red Hat Enterprise Linux 5.x (64 bit).

Cisco Prime IP Express is also certified to run on VMware ESX 5.x (for Red Hat Enterprise Server 5 and Windows Server 2008 R2), and Cisco Unified Computing System™ (Cisco UCS®).

- Q.** Can Cisco Prime IP Express be deployed as a virtual appliance?
- A.** Yes, Cisco Prime IP Express can be deployed as a preconfigured virtual appliance, simplifying installation, lowering deployment risks, and reducing startup costs. An Open Virtualization Format (OVF) image will be available on the Cisco Prime IP Express download site. To download software, visit the [Cisco Software Center](#).
- Q.** Does Cisco Prime IP Express require Software Application Support (SAS)?
- A.** The purchase of an annual Cisco SAS maintenance contract is highly recommended to help ensure Cisco Technical Assistance Center (TAC) support and access to the Software Center on Cisco.com for patches and bug fixes. The Cisco SAS maintenance contract also entitles you to free minor upgrades and maintenance releases.
- Q.** Where can more information be obtained?
- A.** For more information about Cisco Prime IP Express, go to <http://www.cisco.com/go/prime-ipexpress>, contact your local account representative, or send an email to [prime-ipexpress@cisco.com](mailto:prime-ipexpress@cisco.com).



---

**Americas Headquarters**  
Cisco Systems, Inc.  
San Jose, CA

**Asia Pacific Headquarters**  
Cisco Systems (USA) Pte. Ltd.  
Singapore

**Europe Headquarters**  
Cisco Systems International BV Amsterdam,  
The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices).

 Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: [www.cisco.com/go/trademarks](http://www.cisco.com/go/trademarks). Third party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)