

Cisco Prime Network Registrar 8.2

The following list of frequently asked questions is meant to help quickly address some of the commonly asked questions regarding Cisco Prime™ Network Registrar Release 8.2. For more information on the product refer to the data sheets.

Q. What is Cisco Prime?

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 Network Registrar?

A. Cisco Prime Network Registrar provides integrated, scalable, 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 and their respective services - all supporting both IPv4 and IPv6:

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

Q. Who should deploy Cisco Prime Network Registrar?

A. Cisco Prime Network Registrar is designed for service providers, cable multiple system operators (MSOs), and enterprises that need a reliable and scalable DDI solution. The IPAM component targets any organization managing more than 5000 IP addresses.

Q. Where and when can I obtain part number information for Cisco Prime Network Registrar 8.2?

A. Part numbers are available in the Ordering Guide for Cisco Prime Network Registrar Version 8.2 on Cisco.com.

Q. Where can I find information on upgrading from Cisco Network Registrar 7.2 to Cisco Prime Network Registrar 8.x?

A. Upgrade information is available in the Ordering Guide for Cisco Prime Network Registrar Version 8.2 on Cisco.com.

Q. What licensing method does Cisco Prime Network Registrar utilize?

A. Cisco Prime Network Registrar consists of four integrated components that can be ordered/purchased individually or as part of one of two suites. The first suite, Cisco Prime Network Registrar DD, includes DHCP and DNS. The second suite, Cisco Prime Network Registrar DDI, includes DHCP, DNS, and IPAM. The Cisco Prime Network Registrar DNS caching server is only available as an individual component and not currently offered in a suite.

Cisco Prime Network Registrar is licensed based on the number of IP nodes being supported (for DHCP and/or IPAM) and/or 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 must order additional licenses to cover the remaining IP nodes/RRs. Similarly, when upgrading to Cisco Prime Network Registrar, users can upgrade the base license and then add additional licenses as necessary.

For the two suites, the license count applies to each service; for example, for the Cisco Prime Network Registrar DD base license, the license covers 1000 IP nodes for DHCP **and** 1000 RRs for DNS.

For additional licensing information, please reference the Ordering Guide for Cisco Prime Network Registrar Version 8.2 on Cisco.com.

Q. What are the new features introduced in Cisco Prime Network Registrar 8.2?

A. New features include the following:

- Support for DHCPv6 failover
- Implementation support for and management of DNS views. DNS views allow presentation of alternate resource record sets (different “views” of the same data) based on the source or destination of the query and whether the query is recursive or not.
- Support for domain redirection and NXDOMAIN redirection using the DNS caching server to redirect clients away from known “risky” websites and assist users when they query an invalid domain name
- Support for DNS E.164 Number Mapping (ENUM) configuration
- Global search capability for any full or partial IP address or any DNS name

For a more complete listing of capabilities, refer to the Cisco Prime Network Registrar Technical Data Sheet.

Q. On what platforms is Cisco Prime Network Registrar supported?

A. Platform support for Cisco Prime Network Registrar 8.2 DHCP, DNS, and the DNS caching server currently includes Windows Server 2008, Solaris 10 (SPARC), Red Hat Enterprise Linux 5.0, and Red Hat Enterprise Linux 6.0 and CentOS Enterprise Linux 6.4. Platform support for Cisco Prime Network Registrar 8.1 IPAM currently includes Windows Server 8.0 (32-bit or 64-bit English versions), Solaris 10 (SPARC) and Red Hat Enterprise Linux 5.x (64 bit). Cisco Prime Network Registrar is also certified to run on Solaris 10 LDOM, 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 Network Registrar be deployed as a virtual appliance?

A. Yes, Cisco Prime Network Registrar can be deployed as a preconfigured virtual appliance, simplifying installation, lowering deployment risks, and reducing startup costs. An Open Virtualization Format (OVF) image is available on the Cisco Prime Network Registrar 8.0 download site. To download software, visit the [Cisco Software Center](#).

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- Q.** Does Cisco Prime Network Registrar 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 Network Registrar, go to <http://www.cisco.com/go/networkregistrar>, contact your local account representative, or send an email to ask-networkregistrar@cisco.com.



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