



## NAC—L2 IEEE 802.1x

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This feature extends NAC support to Layer 2 switches and wireless access points.

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### Finding Feature Information

Your software release may not support all the features documented in this module. For the latest caveats and feature information, see [Bug Search Tool](#) and the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the feature information table at the end of this module.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to [www.cisco.com/go/cfn](http://www.cisco.com/go/cfn). An account on Cisco.com is not required.

### Information About NAC—L2 IEEE 802.1x

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### Network Admission Control

Cisco IOS Release 12.4(15)T and later releases support NAC layer 2 (L2) IEEE 802.1x, which extends NAC support to Layer 2 switches and wireless access points. Network admission control (NAC) is a Cisco Systems sponsored initiative that uses the network infrastructure to enforce security policy compliance on all devices seeking to access network computing resources, thereby limiting damage from viruses and worms.

Using NAC, you can provide network access to endpoint devices such as PCs, PDAs, and servers that are verified to be fully compliant with an established security policy. NAC can also identify noncompliant devices and deny them access, place them in a quarantined area, or give them restricted access to computing resources.



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## Additional References for NAC—L2 IEEE 802.1x

The following sections provide references related to NAC—L2 IEEE 802.1x.

### Related Documents

| Related Topic                                                                                                                     | Document Title                                              |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Cisco IOS commands                                                                                                                | <a href="#">Cisco IOS Master Command List, All Releases</a> |
| Cisco IOS wireless LAN commands: complete command syntax, command mode, command history, defaults, usage guidelines, and examples | <a href="#">Cisco IOS Wireless LAN Command Reference</a>    |
| VLAN conceptual information                                                                                                       | <a href="#">Cisco IOS LAN Switching Configuration Guide</a> |

### Standards

| Standard                                                                                              | Title |
|-------------------------------------------------------------------------------------------------------|-------|
| No new or modified standards are supported, and support for existing standards has not been modified. | —     |

### MIBs

| MIB                                                                                         | MIBs Link                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No new or modified MIBs are supported, and support for existing MIBs has not been modified. | To locate and download MIBs for selected platforms, Cisco IOS releases, and feature sets, use Cisco MIB Locator found at the following URL:<br><a href="http://www.cisco.com/go/mibs">http://www.cisco.com/go/mibs</a> |

### RFCs

| RFC                                                                                         | Title |
|---------------------------------------------------------------------------------------------|-------|
| No new or modified RFCs are supported, and support for existing RFCs has not been modified. | —     |

## Technical Assistance

| Description                                                                                                                                                                                                                                                                                                                                                                           | Link                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| The Cisco Support and Documentation website provides online resources to download documentation, software, and tools. Use these resources to install and configure the software and to troubleshoot and resolve technical issues with Cisco products and technologies. Access to most tools on the Cisco Support and Documentation website requires a Cisco.com user ID and password. | <a href="http://www.cisco.com/cisco/web/support/index.html">http://www.cisco.com/cisco/web/support/index.html</a> |

## Feature Information for NAC—L2 IEEE 802.1x

The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to [www.cisco.com/go/cfn](http://www.cisco.com/go/cfn). An account on Cisco.com is not required.

**Table 1** Feature Information for NAC—L2 IEEE 802.1x

| Feature Name       | Releases  | Feature Information                                                                                                                                         |
|--------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NAC—L2 IEEE 802.1x | 12.4(15)T | This feature extends NAC support to Layer 2 switches and wireless access points.<br><br>There are no new or modified commands associated with this feature. |

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