



# Supported Devices and Software Versions for Cisco Security Manager 3.0.1

---

**Revised: September 25, 2007**

These sections list the devices, the operating system versions you can use on the devices, and the network scalability limitations of Cisco Security Manager 3.0.1:

- [Supported Devices](#)
- [Supported Software](#)
- [Scalability](#)

# Supported Devices

The following table lists the devices you can manage in Cisco Security Manager 3.0.1.


**Note**

For information on the devices supported by Resource Manager Essentials (RME), please see the Supported Device Table for RME 4.0 at this URL:

[http://www.cisco.com/en/US/products/sw/cscowork/ps2073/products\\_device\\_support\\_tables\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2073/products_device_support_tables_list.html).

**Table 1** Cisco Security Manager 3.0.1 Supported Devices

Series	Devices Supported
<b>Routers, Switches</b>	
Cisco SOHO 70 Series Router	<ul style="list-style-type: none"> <li>• 71</li> <li>• 76</li> <li>• 77 ADSL</li> <li>• 77 H ADSL</li> <li>• 78</li> </ul>
Cisco SOHO 90 Series Secure Broadband Routers	<ul style="list-style-type: none"> <li>• 91</li> <li>• 96</li> <li>• 97</li> </ul>
Cisco 800 Series Routers	<ul style="list-style-type: none"> <li>• 801</li> <li>• 803</li> <li>• 805</li> <li>• 811</li> <li>• 813</li> <li>• 828</li> <li>• 831</li> <li>• 836</li> <li>• 837</li> <li>• 851</li> <li>• 857</li> <li>• 871</li> <li>• 876</li> <li>• 877</li> <li>• 878</li> </ul>

**Table 1** Cisco Security Manager 3.0.1 Supported Devices (continued)

Series	Devices Supported
Cisco 1600 Series Routers	<ul style="list-style-type: none"> <li>• 1601</li> <li>• 1602</li> <li>• 1603</li> <li>• 1604</li> <li>• 1605</li> </ul>
Cisco 1700 Series Modular Access Routers	<ul style="list-style-type: none"> <li>• 1701</li> <li>• 1710</li> <li>• 1711</li> <li>• 1712</li> <li>• 1720</li> <li>• 1721</li> <li>• 1750</li> <li>• 1751</li> <li>• 1760</li> </ul>
Cisco 1800 Series Routers	<ul style="list-style-type: none"> <li>• 1801</li> <li>• 1802</li> <li>• 1803</li> <li>• 1811</li> <li>• 1812</li> <li>• 1841</li> </ul>
Cisco 2600 Series Multiservice Platforms	<ul style="list-style-type: none"> <li>• 2610</li> <li>• 2611</li> <li>• 2612</li> <li>• 2613</li> <li>• 2620</li> <li>• 2621</li> <li>• 2650</li> <li>• 2651</li> <li>• 2691</li> </ul>
Cisco 2800 Series Integrated Services Routers	<ul style="list-style-type: none"> <li>• 2801</li> <li>• 2811</li> <li>• 2821</li> <li>• 2851</li> </ul>

**Table 1** Cisco Security Manager 3.0.1 Supported Devices (continued)

Series	Devices Supported
Cisco 3600 Series Multiservice Platforms	<ul style="list-style-type: none"> <li>• 3620</li> <li>• 3631</li> <li>• 3640</li> <li>• 3660</li> <li>• 3661</li> <li>• 3662</li> </ul>
Cisco 3700 Series Multiservice Access Routers	<ul style="list-style-type: none"> <li>• 3725</li> <li>• 3745</li> </ul>
Cisco 3800 Series Integrated Services Routers	<ul style="list-style-type: none"> <li>• 3825</li> <li>• 3845</li> </ul>
Cisco 7100 Series VPN Routers	<ul style="list-style-type: none"> <li>• 7120</li> <li>• 7140</li> <li>• 7160</li> </ul>
Cisco 7200 Series Routers	<ul style="list-style-type: none"> <li>• 7202</li> <li>• 7204</li> <li>• 7204VXR</li> <li>• 7206</li> <li>• 7206VXR</li> </ul>
Cisco 7300 Series Routers	<ul style="list-style-type: none"> <li>• 7301</li> <li>• 7304</li> </ul>
Cisco 7500 Series Routers	<ul style="list-style-type: none"> <li>• 7505</li> <li>• 7506</li> <li>• 7507</li> <li>• 7513</li> <li>• 7576</li> </ul>
Cisco 7600 Series Routers	<ul style="list-style-type: none"> <li>• 7603</li> <li>• 7604</li> <li>• 7606</li> <li>• 7609 (CISCO 7609 and OSR-7609)</li> <li>• 7613</li> </ul>

**Table 1** Cisco Security Manager 3.0.1 Supported Devices (continued)

Series	Devices Supported
Cisco Catalyst 6500 Series Switches	<ul style="list-style-type: none"> <li>• 6503</li> <li>• 6506</li> <li>• 6509</li> <li>• 6509-NEB</li> <li>• 6509-NEB-A</li> <li>• 6513</li> </ul>
IPSec VPN Services Module (VPNSM) for Cisco Catalyst 6500 Switches and Cisco 7600 Series Routers	—
IPSec VPN Scalable Port Adapter (VPN SPA) for Cisco Catalyst 6500 Switches and Cisco 7600 Series Routers	—
<b>Adaptive Security Appliances and Firewalls</b>	
Cisco PIX 500 Series Firewalls	<ul style="list-style-type: none"> <li>• 501</li> <li>• 506</li> <li>• 506E</li> <li>• 515</li> <li>• 515E</li> <li>• 520</li> <li>• 525</li> <li>• 535</li> </ul>
Cisco ASA-5500 Series Adaptive Security Appliance	<ul style="list-style-type: none"> <li>• 5510 with AIP-SSM-10</li> <li>• 5520 with AIP-SSM-10/20</li> <li>• 5540 with AIP-SSM-20</li> <li>• 5550 with AIP-SSM-20</li> </ul>
Cisco Catalyst 6500 Series Firewall Services Module	—
<b>IPS Sensors</b>	
Cisco IPS 4200 Series Sensors	<ul style="list-style-type: none"> <li>• 4210</li> <li>• 4215</li> <li>• 4220</li> <li>• 4230</li> <li>• 4235</li> <li>• 4240</li> <li>• 4250</li> <li>• 4250XL</li> <li>• 4255</li> <li>• 4260</li> </ul>
Cisco AIP-SSM-10 Security Service Module	—

**Table 1** Cisco Security Manager 3.0.1 Supported Devices (continued)

Series	Devices Supported
Cisco AIP-SSM-20 Security Service Module	—
Cisco IDS Access Router Network Module	—
Cisco Catalyst 6500 Series Intrusion Detection System (IDSM-2) Services Module	—
Routers running IOS IPS feature	<ul style="list-style-type: none"> <li>• 87x</li> <li>• 18xx</li> <li>• 265xXM</li> <li>• 2691</li> <li>• 28xx</li> <li>• 37xx</li> <li>• 38xx</li> <li>• 72xx</li> <li>• 7301</li> </ul>

## Supported Software

Security Manager 3.0.1 supports the following software on devices that it manages:

- Cisco routers and switches have these software restrictions:
  - Cisco IOS Software Release 12.3, 12.3T, 12.4, and 12.4T.
  - For the Catalyst 6500/7600, you can also use Cisco IOS Software Release 12.0, 12.1, 12.2, and these versions at the specified point release and later: 12.1(13)E, 12.1(17B)SXA, 12.2(14)SX, 12.2(14)SY, 12.2(17d)SXB, 12.2(18)SXE4, 12.2(18)SXD, and 12.2(18)SXF2.



**Note** You cannot use the Catalyst Operating System on a device managed by Security Manager 3.0.1.

- To configure and manage VPNs on Catalyst 6500/7600 devices, the earliest software release is Cisco IOS Software Release 12.2(17b)SXA.
- To manage a router in IPS Manager, the router must run an IPS-enabled version of Cisco IOS Software. The earliest supported Cisco IOS Software release is 12.3(8)T. The IPS version of the software must be 2.0(1), 2.1(1), or 2.2(1).
- Cisco PIX 500 Series Firewalls—PIX Firewall Software Release 6.3, 7.0, and 7.1.
- Cisco ASA-5500 Series Adaptive Security Appliances—Adaptive Security Appliance Software Release 7.0 and 7.1.
- Cisco Catalyst 6500 Series Firewall Services Module—Firewall Services Module Software Release 2.2, 2.3, and 3.1.
- IPS sensors and modules—IDS Software 4.0, 4.1, or IPS Software 5.0, 5.1, and IOS IPS feature in 12.3(14)T4, 12.4M, 12.4(2)T, 12.4(4)T, and 12.4(11)T2 release.

**Note**

---

IPS signature updates are supported only on IPS Software 5.1(5)E1 and later.

---

# Scalability

Cisco Security Manager 3.0.1 manages the scalability of networks as described in the following table:

**Table 2** *Cisco Security Manager Scalability*

Feature	Capability
Number of devices (Firewall and VPN)	Supports up to 5000 devices. <b>Note</b> Each security context is considered to be a separate device.
Total number of Access Control Entries (ACEs)	1.6 million.
Total number of ACEs for each firewall rule table	50,000.
Number of policy objects	5000.
Number of simultaneous users	<ul style="list-style-type: none"> <li>• 20 users with read-only privileges.</li> <li>• 10 users with read-write privileges.</li> </ul>
VPN restrictions	<ul style="list-style-type: none"> <li>• We recommend that you limit deployments to 1000 devices at one time.</li> <li>• A full mesh topology should have at most 400 devices assigned.</li> </ul>