



APPENDIX **A**

Feature Licenses and Specifications

This appendix describes the feature licenses and specifications. This appendix includes the following sections:

- [Supported Platforms and Feature Licenses, page A-1](#)
- [VPN Specifications, page A-2](#)



Note

The ASA 5580 adaptive security appliance does not support security service modules (SSMs).

Supported Platforms and Feature Licenses

This software version supports the ASA 5580 adaptive security appliance; see the following table for the feature support for this model.



Note

Items that are in italics are separate, optional licenses that you can replace the base license. You can mix and match licenses, for example, the 10 security context license plus the Strong Encryption license; or the 500 Clientless SSL VPN license plus the GTP/GPRS license; or all four licenses together.

Table A-1 ASA 5580 Adaptive Security Appliance License Features

ASA 5580	Base License									
Users, concurrent	Unlimited									
Security Contexts	2									
	Optional licenses: <i>5 10 20 50</i>									
VPN Sessions ¹	5000 combined IPSec and Clientless SSL VPN									
Max. IPSec Sessions	5000									
Max. Clientless SSL VPN Sessions	2									
	Optional Licenses: <i>10 25 50 100 250 500 750 1000 2500 5000</i>									
VPN Load Balancing	Supported									
TLS Proxy for SIP and Skinny Inspection	Supported									
Failover	Active/Standby or Active/Active									

Table A-1 ASA 5580 Adaptive Security Appliance License Features (continued)

ASA 5580	Base License	
GTP/GPRS	None	<i>Optional license: Enabled</i>
Max. VLANs	Version 8.1(1): 100 Version 8.1(2) and later: 250	
Concurrent Firewall Conns ²	650 K	
Max. Physical Interfaces	Unlimited	
Encryption	Base (DES)	<i>Optional license: Strong (3DES/AES)</i>
Min. RAM	4 GB (default)	

1. Although the maximum IPSec and Clientless SSL VPN sessions add up to more than the maximum VPN sessions, the combined sessions should not exceed the VPN session limit. If you exceed the maximum VPN sessions, you can overload the adaptive security appliance, so be sure to size your network appropriately.
2. The concurrent firewall connections are based on a traffic mix of 80% TCP and 20% UDP, with 1 host and 1 dynamic translation for every 4 connections.

VPN Specifications

For VPN specifications, see the *Cisco ASA 5500 Series VPN Compatibility Reference*.