

ASA Licensing

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License Management

show version displays current licenses

Installing a license

Purchase license. Receive PAK. Go to cisco.com/go/license to generate license key. Apply license key to ASA with the **activation-key** command.

Reload required only when adding licenses for: Sec+, 3DES-AES, and downgrading permanent licenses

Pre 8.3 failover licensing – license required on each ASA, post 8.3, failover pair requires a single license

System Licenses

3DES-AES – \$0 cost - Adds extra encryption methods

Security Plus – Only for the 5505, 5510 and 5512x
Enables failover and more connections.

Security Contexts - Allows firewall to run multiple contexts. License is not additive. Only supports Active/Active. Does not support Remote Access VPN. ASA5500-SC-5,10,20=

User License (5505 only) Increases number of users, ships with 10, upgrade to 50 or unlimited ASA5505-SW-50=

VPN Licenses

AnyConnect Essentials and **Premium** cannot run concurrently. Each allows different VPN features. AnyConnect is also sometimes known as SSL VPN.

AnyConnect Premium (Or SSL VPN) license: L-ASA-SSL-10
License is not additive. Requires upgrade license to increase.

AnyConnect Essential License: L-ASA-AC-E-55XX

Feature	Essentials	Premium
AnyConnect Mobile	Yes	Yes
Advanced Endpoint Assessment	No	Yes
AnyConnect Premium Shared	No	Yes
AnyConnect for Cisco VPN Phone	No	Yes
Client-based SSL VPN	Yes	Yes
Browser-based (clientless) SSL VPN	No	Yes
IPsec VPN	Yes	Yes
VPN Load Balancing	Yes	Yes
Cisco Secure Desktop	No	Yes

*Features in yellow require both Premium and an additional license

Anyconnect for Cisco VPN Phone is for VOIP phones that have native VPN support. Requires call manager 8.0+ and IP phone firmware 9.x. L-ASA-AC-PH-55xx

Advanced Endpoint Assessment enhances host scan for SSLVPN or AnyConnect.

AnyConnect for Mobile enables mobile devices to connect using the AnyConnect client. (\$100-\$500) L-ASA-AC-M-55XX=

VPN Flex/Time Based SSL is enabled and disabled to allow for temp SSL VPN licensing. 60 days. ASA-VPN-FL-250

Premium Shared SSL license is used to share SSL VPN licenses between other ASAs. After participant uses up its own license, it can ask the shared license server for 50 more license. Requires server and participant license. Server: L-ASA-VPNS-500 Participant: L-ASA-VPNP-550XX

Modules

Software IPS Module in ASA 5500-X models
Enables intrusion prevention capabilities.
L-ASA55XX-IPS-SSP
Must also have IPS signature license (Smartnet) to receive signature updates.

CX Module = “next gen firewall”. SSD part number: ASA5500X-SSD120. Cannot run concurrent with IPS module. Activate license in PRSM only. Used for web security and application control.

PRSM – Prime Security Manager (deployed separately from the ASA). Used to managed the CX. Additional License required.

Additional Features

Botnet traffic filter - Req. 8.2+. Time based. Blocks known malicious IPs. L-ASA55XX-BOT-1Y

Cluster License - Group ASA into one logical cluster. Used for load balancing within a network. Also known as “N+1 failover”. L-ASA5585-CL-S10= (\$0 cost) Requires 9.0 5580/5585X, Future support for 5512x-5500x.

Less Common/Legacy Licenses

Intercompany Media Engine - Allows support to offload communications from PSTN to IP-based SIP trunks through the ASA. ASA-55XX-ME-K9

GTP/GPRS - Enhanced inspection and for ISPs that have 3G traffic. L-ASA-GTP=

UC Phone Proxy - Umbrella License for phone proxy. Used to security phones and other uc tools connecting from the outside. Legacy license. New call managers 8.0+ don't support it.