



# APPENDIX **A**

## Obtaining a 3DES/AES License

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The Cisco ASA 5505 adaptive security appliance comes with a DES license that provides encryption. You can obtain a 3DES-AES license that provides encryption technology to enable specific features, such as secure remote management (SSH, ASDM, and so on), site-to-site VPN, and remote access VPN. You need an encryption license key to enable this license.

If you are a registered user of Cisco.com and would like to obtain a 3DES/AES encryption license, go to the following website:

<http://www.cisco.com/go/license>

If you are not a registered user of Cisco.com, go to the following website:

<https://tools.cisco.com/SWIFT/Licensing/RegistrationServlet>

Provide your name, e-mail address, and the serial number for the adaptive security appliance as it appears in the **show version** command output.



### Note

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You will receive the new activation key for your adaptive security appliance within two hours of requesting the license upgrade.

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For more information about activation key examples or software upgrades, see the *Cisco Security Appliance Command Line Configuration Guide*.

To use the activation key, perform the following steps:

	<b>Command</b>	<b>Purpose</b>
<b>Step 1</b>	hostname# <b>show version</b>	Shows the software release, hardware configuration, license key, and related uptime data.
<b>Step 2</b>	hostname# <b>configure terminal</b>	Enters global configuration mode.
<b>Step 3</b>	hostname(config)# <b>activation-key</b> <i>activation-5-tuple-key</i>	Updates the encryption activation key by replacing the <i>activation-4-tuple-key</i> variable with the activation key obtained with your new license. The <i>activation-5-tuple-key</i> variable is a five-element hexadecimal string with one space between each element. An example is 0xe02888da 0x4ba7bed6 0xf1c123ae 0xffd8624e. The “0x” is optional; all values are assumed to be hexadecimal.
<b>Step 4</b>	hostname(config)# <b>exit</b>	Exits global configuration mode.
<b>Step 5</b>	hostname# <b>copy running-config startup-config</b>	Saves the configuration.
<b>Step 6</b>	hostname# <b>reload</b>	Reboots the adaptive security appliance and reloads the configuration.