

## Cisco Configuration Engine Version 3.0

Cisco® Configuration Engine is a highly scalable software application running on Linux based platforms and can be used by Cisco customers to manage customer premises equipment (CPE) devices, including Cisco routers and switches. Cisco Configuration Engine requires minimal configuration and can be deployed without any changes to the customer's operation or business processes. Cisco Configuration Engine is ready to deploy and is accessible through a Web-based GUI or Web applications such as Extensible Markup Language (XML) and Simple Object Access Protocol (SOAP).

Service providers and large enterprise customers are faced with similar challenges in deploying and managing large volumes of network devices. Cisco Configuration Engine supports a highly scalable, available, distributed, and fault-tolerant architecture that helps customers to customize core components to meet the operational requirements in a service-oriented network.

**Table 1.** Cisco Configuration Engine Features

Feature	Description
<b>General</b>	<ul style="list-style-type: none"> <li>• Data Repository supports an embedded or external database.</li> <li>• Web GUI</li> <li>• Image and file distribution services.</li> <li>• Velocity Template Engine</li> <li>• Web Services APIs</li> <li>• Bulk Upload</li> <li>• Device cloning</li> </ul>
<b>Velocity Template Engine</b>	<ul style="list-style-type: none"> <li>• User customization based on user's device-configuration and service-activation requirements</li> <li>• Support for Java, Perl, Expect, and other scripting tools</li> <li>• Dynamic configuration possible through interaction with the device</li> <li>• Workflow control to help customer to perform multiple tasks</li> <li>• Ability for users to develop and plug in scripts to validate device attributes entered by network operations center (NOC) personnel</li> </ul>
<b>Configuration and Image Services</b>	<ul style="list-style-type: none"> <li>• Pager or e-mail notification after successful completion or failure of configuration updates, image distribution, and activation</li> <li>• Concept of batch size to enable customer to update thousands of devices but limit the number of simultaneous updates</li> <li>• State information to monitor and update outcome of service request</li> <li>• Policy-based image distribution and activation to validate device resource before upgrading software images</li> </ul>
<b>Web Services</b>	<ul style="list-style-type: none"> <li>• Secure HTTPS and SSL communication between customer application and Cisco Configuration Engine</li> <li>• Flexible and easy integration, reducing the cost of implementation</li> <li>• XML/SOAP Web Service Description Language (WSDL) available for administrative, configuration, and image services</li> <li>• Standard-based and not dependent on the OS</li> </ul>
<b>New Features</b>	<ul style="list-style-type: none"> <li>• Solaris 10 and RHAT 4.0 support</li> <li>• Increased scale to 30000 managed devices on a single server</li> <li>• Certification on latest Sun hardware</li> <li>• Cisco Validated Designs for:               <ul style="list-style-type: none"> <li>◦ Zero Touch Deployments</li> <li>◦ High availability</li> <li>◦ Scalability with multiple Configuration Engine servers</li> </ul> </li> </ul>

## Upgrade Paths

Customers currently using the Cisco Configuration Engine 2.0 are encouraged to upgrade to the Cisco Configuration Engine 3.0. Customers using the Cisco 2115 or Cisco 2116 Intelligence Engine will not be able to run the 3.0 software and are encouraged to upgrade to the Cisco Configuration Engine 2.0 prior to upgrading to 3.0.

## Availability

Customers interested in purchasing or upgrading to the new Cisco Configuration Engine 3.0 may place orders beginning Nov 26, 2008 through normal sales channels. Cisco Configuration Engine contains encryption technologies controlled by the U.S. government, and users who want to download software will be prompted to apply for permission to access the encrypted files.

## Ordering Information

Table 2 lists ordering information for the Cisco Configuration Engine 3.0. Important: Cisco Configuration Engine includes strong encryption technology that is restricted for some types of U.S. exports.

To place an order, contact your Cisco sales representative. For more information, go to:

<http://www.cisco.com/en/US/products/sw/netmgtsw/ps4617/index.html>.

**Table 2.** Ordering Information for Cisco Configuration Engine 3.0

Product Name	Part Number
Configuration Engine 3.0 Media Kit	CE-3.0-KIT-K9
Configuration Engine 3.0 RTU for 100 Devices	CE-3.0-RTU-100
Configuration Engine 3.0 RTU for 1000 Devices	CE-3.0-RTU-1000
Configuration Engine 3.0 RTU for 10000 Devices	CE-3.0-RTU-10000
Configuration Engine 3.0 Developers Kit	CE-3.0-SDK
Configuration Engine 2.0-3.0 Media Kit Upgrade	CE-3.0-KIT-U-K9
Configuration Engine 2.0-3.0 RTU Upgrade for 1000 Devices	CE-3.0-RTU-10000U
Configuration Engine 2.0-3.0 RTU Upgrade for 10000 Devices	CE-3.0-RTU-10000U
Configuration Engine 2.0-3.0 Developers Kit Upgrade	CE-3.0-SDK-U

## For More Information

For more information about the Cisco Configuration Engine visit

<http://www.cisco.com/en/US/products/sw/netmgtsw/ps4617/index.html> or contact your local account representative or [ask-ce@cisco.com](mailto:ask-ce@cisco.com).



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