

Quick Start Guide for Cisco Prime LAN Management Solution 4 EZ Deploy Templates

Purpose of This Quick Start Guide

This document provides step-by-step instructions for installing and configuring the Cisco Prime™ LAN Management Solution (LMS) EZ Deploy templates for Cisco® Catalyst® 2000 Series and Catalyst 3000 Series Switches. Prior to installing the templates, you should download, install, and configure an evaluation license for Cisco Prime LMS 4. A quick start for the Cisco Prime LMS 4 Evaluation License can be found at <http://www.cisco.com/go/ezdeploy>.

About Cisco Prime LMS 4 EZ Deploy Templates for Cisco Catalyst 2000 and 3000 Series Switches

The XML-formatted EZ Deploy templates provide a set of more commonly used basic and advanced Cisco IOS® Software configuration commands that a network administrator/operator can select to apply to one or more Cisco Catalyst 2000 and 3000 Series Switches residing in the network. The templates are based on Cisco best practices and are designed to make the deployment of Cisco devices easier and more errorproof, substantially reducing the time it takes to get the devices operational.

Prerequisites for the Deployment of Cisco Prime LMS 4 EZ Deploy Templates for Cisco Catalyst 2000 and 3000 Series Switches

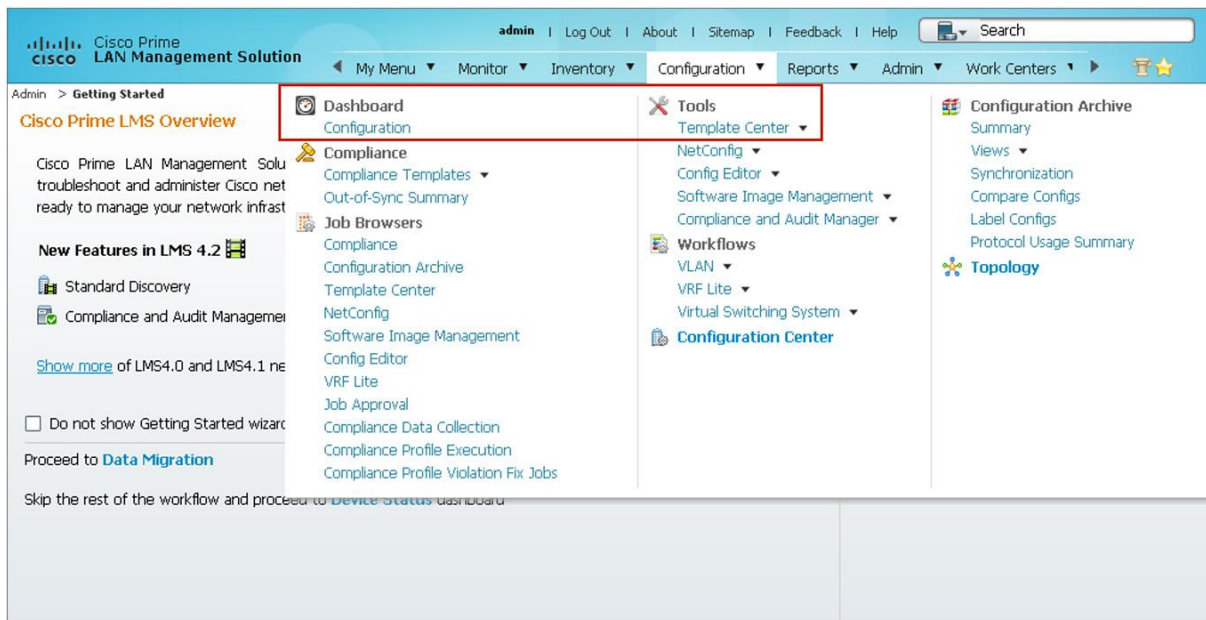
The following are the prerequisites for deploying the EZ Deploy Templates:

- A licensed evaluation copy of Cisco Prime LMS 4 is installed.
- Cisco Catalyst 2000 Series or Catalyst 3000 Series switches are running Cisco IOS Software 12.2(58)SE1 or a later version.
- Cisco Catalyst 2000 Series or Catalyst 3000 Series switches are managed by Cisco Prime LMS 4. For instructions on managing the devices, please see the Cisco Prime LMS 4 Quick Start Guide.

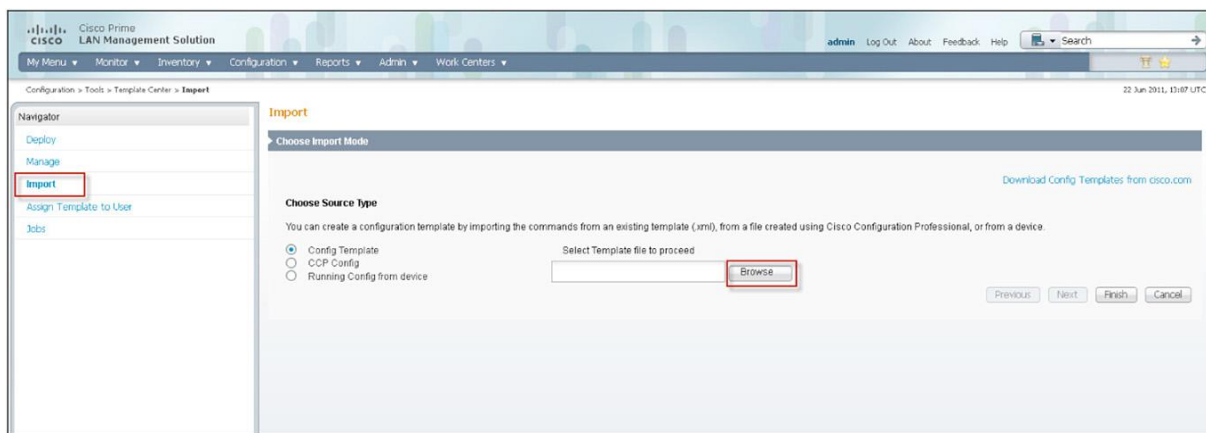
Getting Started with Catalyst 2000 and 3000 Series Configuration Templates

Following are the steps to deploy configuration templates on Catalyst 2000 and 3000 Series devices:

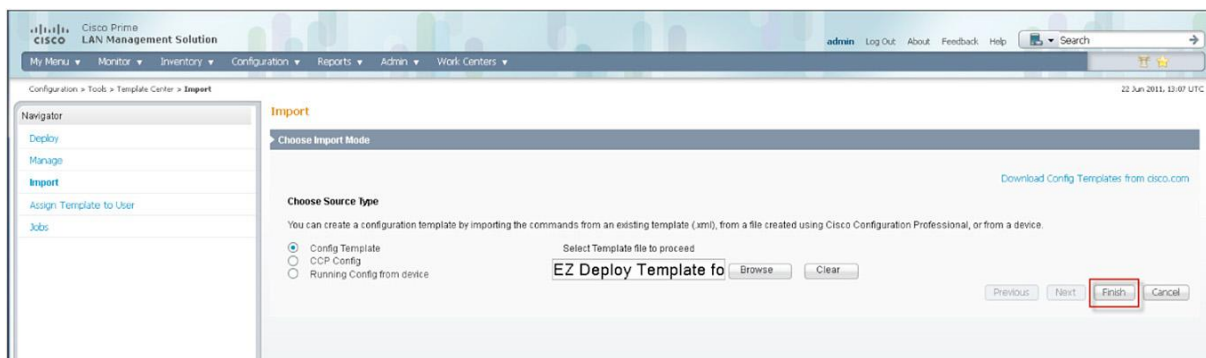
- Step 1. The first step is to download the configuration templates onto your client machine from [Cisco.com](http://www.cisco.com) and unzip the files.
 - a. Go to <http://www.cisco.com/go/ezdeploy>.
- Step 2. Import the configuration templates to your Cisco Prime LMS server.
 - a. Log in to Cisco Prime LMS with your LMS credentials.
 - b. Go to **Configuration→Tools→TemplateCenter**.



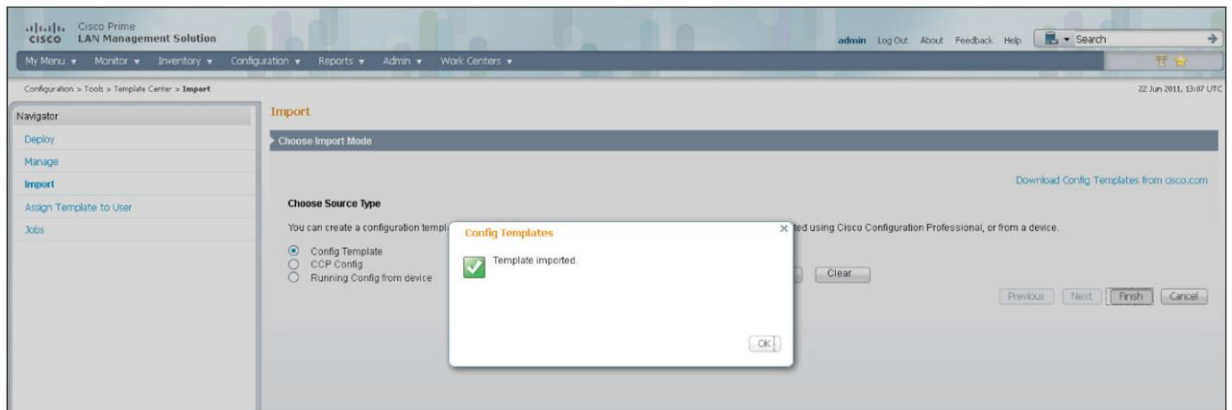
- c. Click **Import** and click **Browse**. (Note that the Browse button will open a file selector on the client machine. The templates must reside on the client.)



- d. Select the Catalyst 2000 or 3000 Series template that you just downloaded from <http://www.cisco.com/go/ezdeploy> and click **Finish**.

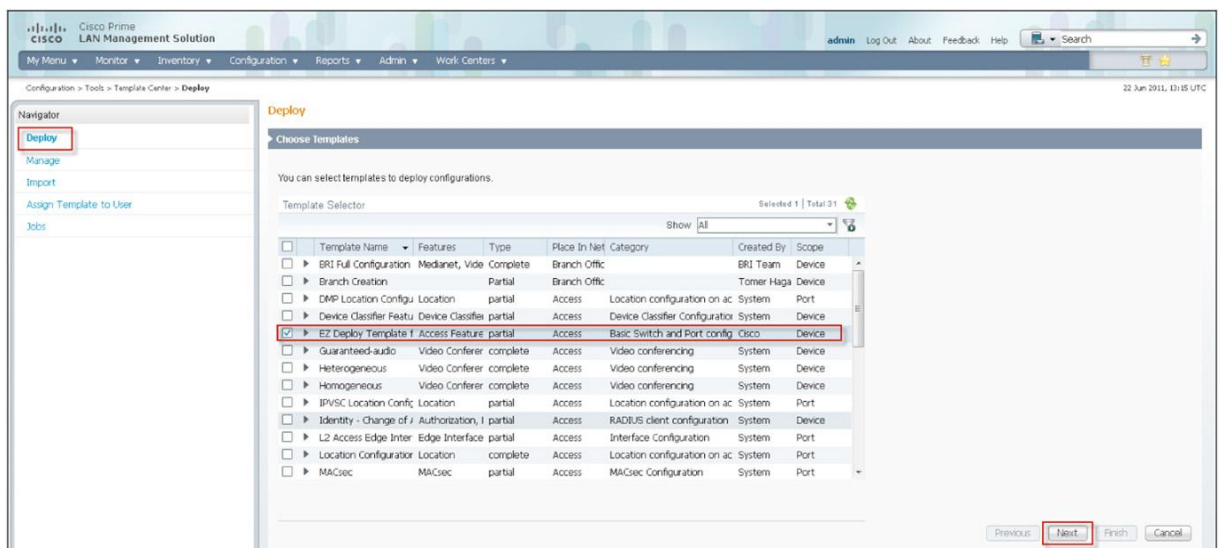


A pop-up window appears displaying the successful import of these templates.

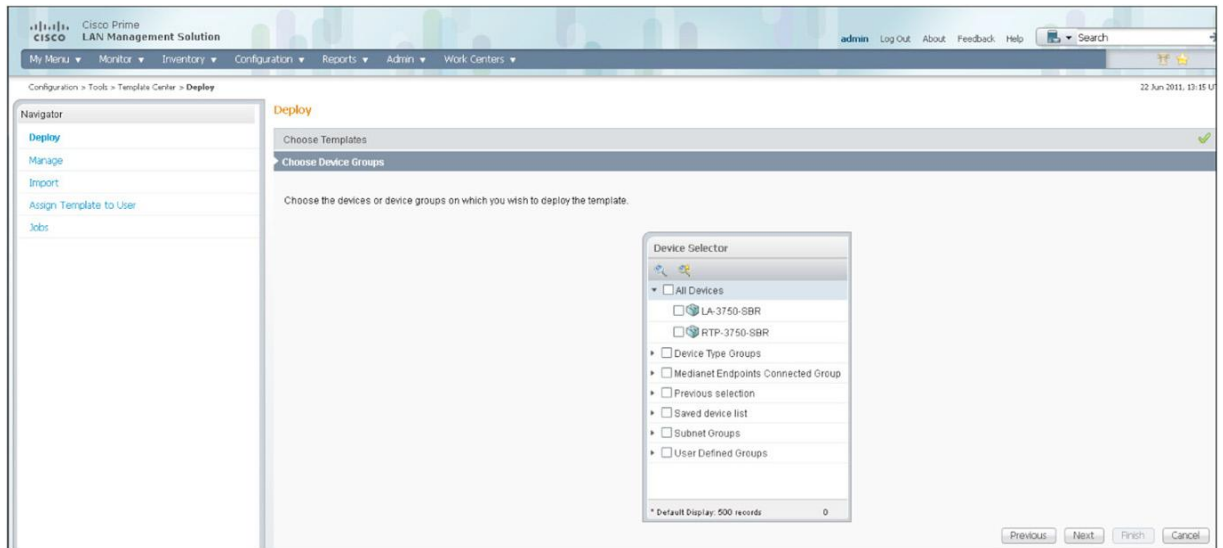


Step 3. Deploy these templates on your switches.

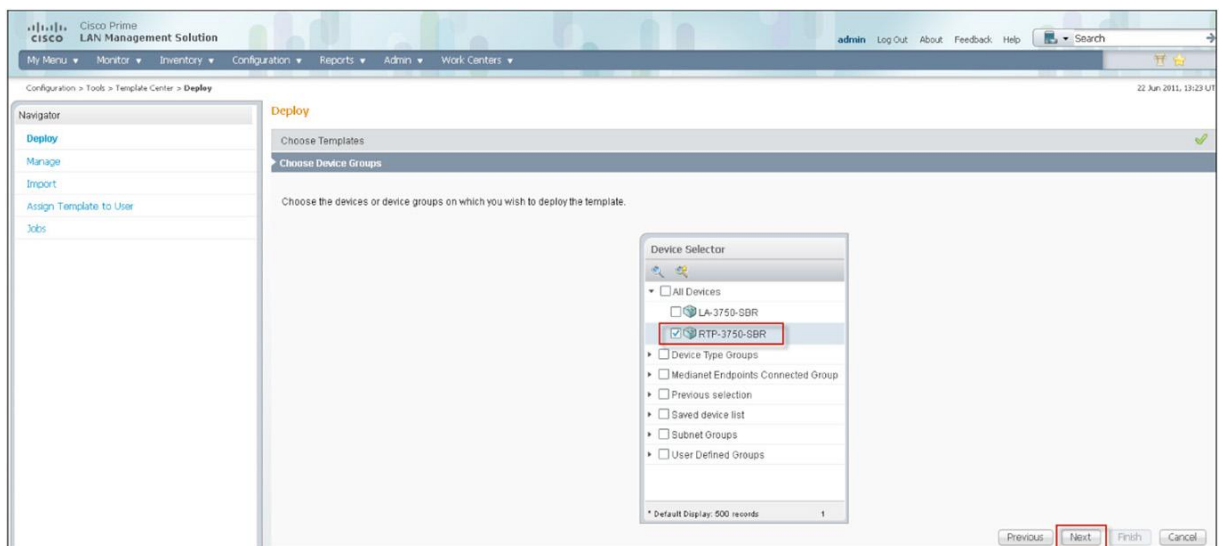
- a. Click **Deploy** and you will see the templates that you just imported on the right side. Using the check box, select the template that you would like to deploy (either for the Catalyst 2000 or 3000 Series) and click **Next**.



- b. A page appears displaying a list from which network administrators can choose the devices on which they wish to deploy this template.



- c. Using the device selector check boxes, select the device or devices to which to push this template, and click **Next**.



- d. A new page with a form appears that requires network administrators to provide input for the variables based on their network design. Templates also allow the flexibility of skipping a particular configuration if it is not needed for your network design.

My Menu Monitor Inventory Configuration Reports Admin Work Centers

Configuration > Tools > Template Center > Deploy

22 Jun 2011, 13:23 UTC

Deploy

Choose Templates ☒

Choose Device Groups ☒

Configure EZ Deploy Template for 3560 and 3750 Series Switches

Basic Switch Configuration for 3560 and 3750 Devices. For the features you selected for deploy, you must update the required fields in the Unique Device Level Parameters table that is part of this wizard.

Configure NTP Server

☐ Skip this Section

IP Address or Host Name of NTP Server * 1.1.1.1

Configure SNMP Community Strings

☐ Skip this Section

SNMP Server read-only Community String *****

SNMP Server read-write Community String *****

Configure Device Credentials

☒ Skip this Section

Enable Password Type [0- Unencrypted, 5- Encrypted] * 0

User Privilege Level 15

User Name

Password

Enable Secret Password *

VTY Password * *****

VTY Password Type [0- Unencrypted, 7- Hidden] * 0

Enable AAA and VTY Authentication

☐ Skip this Section

IP Address Type of TACACS+ Server * ipv4

Hostname or IP Address of TACACS+ Server * 2.2.2.2

TACACS+ Port * 49

TACACS+ Server Group Name * prime

VTY Password * *****

VTY Password Type [0- Unencrypted, 7- Hidden] * 0

TACACS+ Key * 123

TACACS+ Key Type [0- Unencrypted, 7- Hidden] * 0

Configure Authentication for HTTP Server Users

☒ Skip this Section

Authentication Source * local

Command-Authorization Enable Level * 15

Command-Authorization Authorization List

Exec-Authorization Authorization List

Login-Authorization Authorization List

HTTP Port [80 or 1024-65535] * 80

Configure Authentication for HTTPS Server Users

☐ Skip this Section

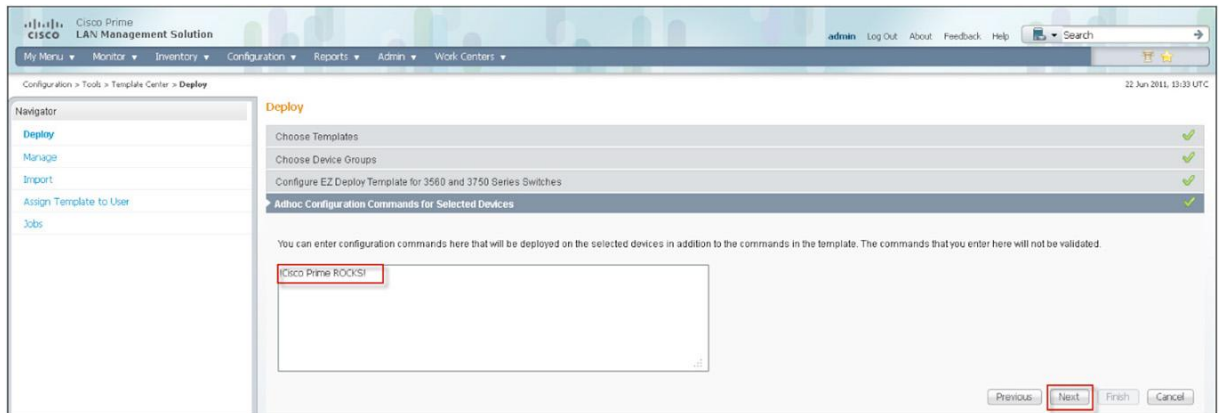
Authentication Source * local

Command-Authorization Enable Level * 15

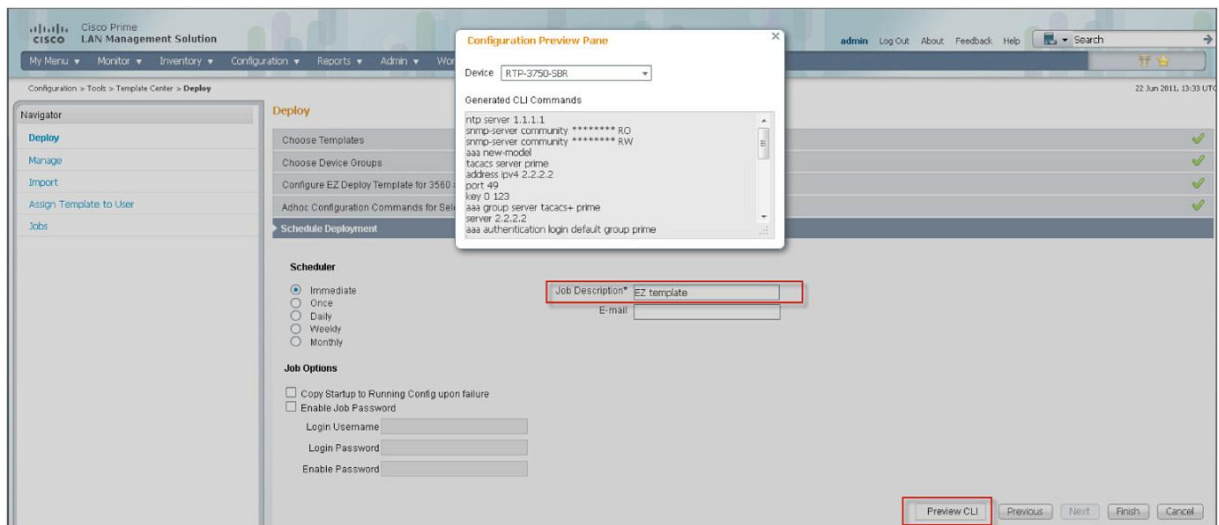
Size of the RSA Key Modulus * 4096

Command-Authorization Authorization List

- e. Click **Next**.
- f. Templates allow administrators to fill in any ad hoc commands that are not in the templates but may be required as part of the network design. Enter the commands and click **Next**.



- g. Now this template is ready to be deployed onto your Cisco device(s). But before pushing the template configuration, network administrators can view the command-line interface (CLI) commands by clicking the **Preview CLI** button.



- h. Click **Finish**, and a job is created for this task. Within a few seconds, these configurations will be pushed out onto your Cisco device(s) and the device(s) will be ready for service.

This completes the deployment of Cisco Catalyst 2000 and 3000 Series Switches using Cisco Prime LMS EZ Deploy templates.



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