

ZENworks Mobile Management 3.2.x

Configuring Novell Push Notification Service for iOS Devices

Novell.

You can use Novell Push Notification Service (NPNS) to send group notifications from the ZENworks Mobile Management dashboard to iOS devices. Notifications are sent from your system to NPNS, which in turn sends them to Apple Push Notification Service (APNS), which then delivers them to the iOS devices.

Complete the tasks in the following sections to configure NPNS for your ZENworks Mobile Management system:

- ◆ [Section 1, “Generating an NPNS Certificate and Private Key,” on page 1](#)
- ◆ [Section 2, “Uploading the NPNS Certificate and Private Key to the ZENworks Mobile Management System,” on page 3](#)
- ◆ [Section 3, “Sending Group Notifications,” on page 3](#)
- ◆ [Section 4, “Legal Notices,” on page 3](#)

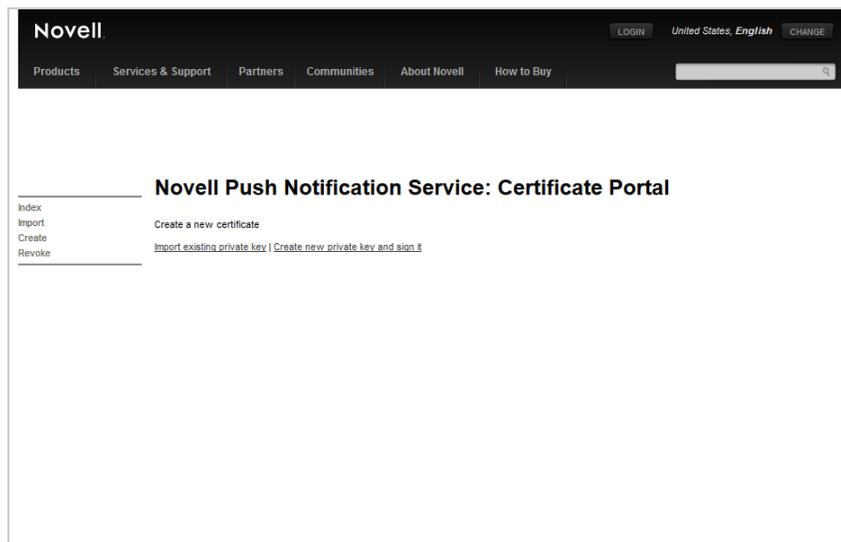
IMPORTANT: NPNS currently does not work with custom enterprise apps created with the ZENworks Mobile Management iOS Enterprise App Toolkit.

1 Generating an NPNS Certificate and Private Key

In order for your ZENworks Mobile Management Server to communicate with Novell Push Notification Service, you must generate a signed NPNS certificate and private key that can then be imported into your ZENworks Mobile Management system.

- 1 In a web browser, go to the Novell Push Notification Service Certificate Portal:

<https://www.novell.com/npns>



- 2 In the left navigation list, click *Create* to display the Create Certificate screen

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Create Certificate

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User Data

Country Name (2 letter code)

State or Province Name (full name)

Locality Name (eg. city)

Organization Name (eg. company)

Organizational Unit Name (eg. section)

Common Name (e.g. server FQDN or YOUR name)

Email Address

*Required

Generate

- 3 Provide the information required for the certificate, then click *Generate*.

Note: Leave the Organizational Unit Name field set to *Novell*.

After you generate the certificate, you will receive an email from *admin@npns.novell.com* containing two certificates. You will only need to use the *npnsSigned.crt* file.

In addition, the certificate's private key is displayed on the Create Certificate screen.

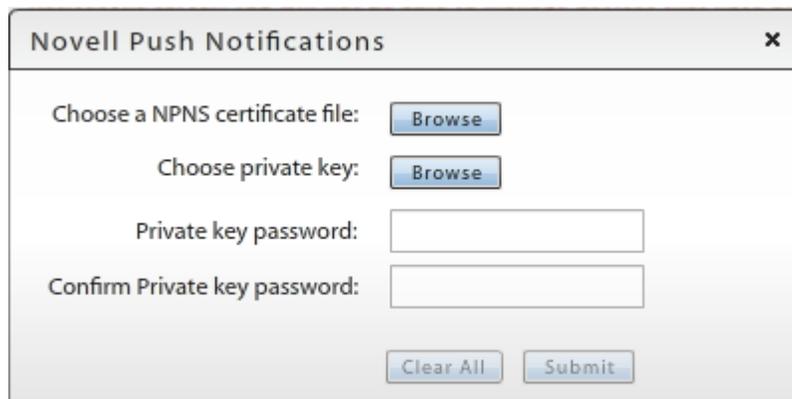
- 4 Copy and paste the private key from the Create Certificate screen into a text editor and save the file.
- or

Click the *Download it here!* to save the private key to an *npnsPrivateKey.txt* file.

- 5 Copy the *npnsSigned.crt* and private key file to the machine on which you run the ZENworks Mobile Management dashboard.
- 6 Continue with the next section, [Uploading the NPNS Certificate and Private Key to the ZENworks Mobile Management System](#).

2 Uploading the NPNS Certificate and Private Key to the ZENworks Mobile Management System

- 1 In the ZENworks Mobile Management dashboard, click *System > Organization*.
- 2 In the *iOS Management* section, click the NPNS Certificate *Upload* button to display the Novell Push Notifications dialog box.



The image shows a dialog box titled "Novell Push Notifications" with a close button (X) in the top right corner. The dialog contains the following fields and buttons:

- "Choose a NPNS certificate file:" with a "Browse" button.
- "Choose private key:" with a "Browse" button.
- "Private key password:" with an empty text input field.
- "Confirm Private key password:" with an empty text input field.
- "Clear All" and "Submit" buttons at the bottom.

- 3 For the NPNS certificate, click the *Browse* button and select the `npnsSigned.crt` file.
- 4 For the private key, click the *Browse* button and select the private key file.
- 5 Provide a password for the private key.
- 6 Click *Submit* to upload the certificate and key.

3 Sending Group Notifications

After configuring your ZENworks Mobile Management system with the NPNS certificate and private key, you can use *Group Notifications* to send messages to individual devices or groups of devices.

For instructions, see *Group Notifications* in the [Managing Users, Resources, and Applications](#) guide.

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