

Apigee™

Apigee Edge On-Premises Deployment Kit



v4.14.04.00

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Developer Channel Services Upgrade Guide

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Overview

Apigee Developer Channel Services is a template portal for content and community management. It is based on the open source Drupal (www.drupal.org) project. The default setup allows creating and managing API documentation, forums, and blogs. A built-in test console allows testing of APIs in real time from within the portal.

Apart from content management, Developer Channel Services has various features for community management such as manual/automatic user registration and moderating user comments. Role-Based Access Control (RBAC) model controls the access to features on the Developer Channel Services. For example, you can enable controls to allow registered user to create forum posts, use test consoles, and so on.

Requirements

Following are the hardware and software requirements for upgrade.

Table 3: Requirements

Hardware	Requirement
Operating system	<ul style="list-style-type: none">CentOS version 6.54 (64-bit)Licensed copy of Red Hat Enterprise Linux (RHEL) version 6.5 (64-bit). Red Hat requires a license to download and install all required RPMs.Other operating systems might work but are not supported
RAM	1 GB
Hard disk	10 GB
Network interface	No active internet connection.

Upgrade procedure

This documents provides the upgrade process for Apigee Developer Channel Services on-premise installations.

Note: This procedure requires that you have installed Drush. For more information on installing Drush, see the "*Developer Channel Services Installation and Configuration Guide*".

Upgrade assumptions

The upgrade process assumes:

- That the Developer Portal was installed at `/var/www/html`.
- The home page layout was not altered. If you altered the home page, then you must reapply your alterations after the upgrade.

Supported upgrade versions

This upgrade procedure is supported for the following versions of the portal:

- pantheon-4.24.216
- pantheon-4.24.246
- pantheon-14.02.x
- pantheon-14.03.x

To determine your portal version, open the following URL in a browser:

<http://yourportal.com/buildInfo>

Note: If nothing is displayed or a version other than one listed above is displayed, then you cannot use this upgrade process. For information on upgrading from any other portal version, contact Apigee Support at <http://apigee.com/about/support/portal>.

Upgrading Apigee Developer Channel Services to a new release

1. Backup of your Drupal MySQL instance. For more information, see <http://www.thegeekstuff.com/2008/09/backup-and-restore-mysql-database-using-mysqldump/>
2. Make a backup of your entire Drupal web root directory. The default install location is `/var/www/html`, but you might have changed it at install time.
3. Download the latest release of your current Apigee Developer Channel Services bundle.

Go to <http://community.apigee.com/content/apigee-customer-support> and select **Login to your Support Portal** to request the Developer Channel Services upgrade .tar file

Note: If you do not have an account on the Support Portal, select **Login to your Support Portal** and then on the sign in page select **In a hurry? Raise a support ticket here**.

4. Extract the contents of the Developer Channel Services .tar file by using the command:

```
> tar -xvf <tar file>
```

The tar command creates a new directory, named DevloperServices_4.x.y, where x.y corresponds to the version number.

5. CD to the DevloperServices_4.x.y directory. That directory contains a .tar file named html_update_4.x.y.tar.
6. Extract the contents of the html_update_4.x.y.tar file by using the command:

```
> tar -xvf <tar file>
```

The tar command creates a new directory, named html_update_4.x.y, containing the upgrade files.

7. Set your Drupal site to maintenance mode. For more information, see <http://www.ostraining.com/blog/drupal/how-to-put-drupal-7-in-maintenance-mode/>
8. Determine the owner of all files and directories under your original Drupal instance at /var/www/html:

```
> ls -l /var/www/html/
```

The owner is typically "apache".

9. Remove the following six directories and PHP files from your original Drupal instance at /var/www/html:

```
> rm -rf themes scripts profiles modules misc includes *.php
```

Important: Do not remove the /sites directory. This step assumes that you placed all custom modules, custom themes, additional contrib modules, and additional libraries in the /sites directory.

10. Copy all the directories and files from the extracted html_update_4.x.y directory into your original Apigee Developer Channel Services instance:

```
> cp -rp html_update_4.14.04/* /var/www/html/
```

If prompted, accept any file overwrites.

11. Reset directory and file ownership to the original owner, as determined above. The owner is typically "apache":

```
> chown -R apache:apache /var/www/html/
```

12. Execute the following Drush commands under the Drupal webroot directory,

`/var/www/html:`

a. Update database:

- i. From command line execute: `drush updb`
- ii. Or, from browser go to <http://hostname/update.php> where *hostname* is the host name of your portal.

b. Rebuild registry:

- i. From command line execute: `drush rr`
- ii. If the Drush command 'rr' could no be found, see https://drupal.org/project/registry_rebuild

c. Flush all Drupal caches:

- i. From command line execute: `drush cc all`
- ii. Or from browser go to <http://hostname/admin/config/development/peformance> to flush all caches where *hostname* is the host name of your portal.

13. Ping your developer portal from a browser and test. If all looks good take your site out of maintenance mode. For more information, see <http://www.ostraining.com/blog/drupal/how-to-put-drupal-7-in-maintenance-mode/>

14. If the following Drupal modules are disabled, enable them by selecting **Modules** in the Drupal administration menu:

- devconnect_context
- devconnect_views
- devconnect_blog_content_types
- devconnect_blog

15. Flush all Drupal caches:

- a. Select **Configuration > Development Performance** in the Drupal administration menu.
- b. Select **Clear all caches**.

Contact us

For the most up-to-date information and to report bugs, please refer to the on-premises Developer Channel Services website.

<https://devsrvs.info/>

You can also contact Apigee Customer Support at:

<http://community.apigee.com/content/apigee-customer-support>

If the installer exits prematurely because of an error, it will give you a log file. Please submit this log file with any bugs you report.

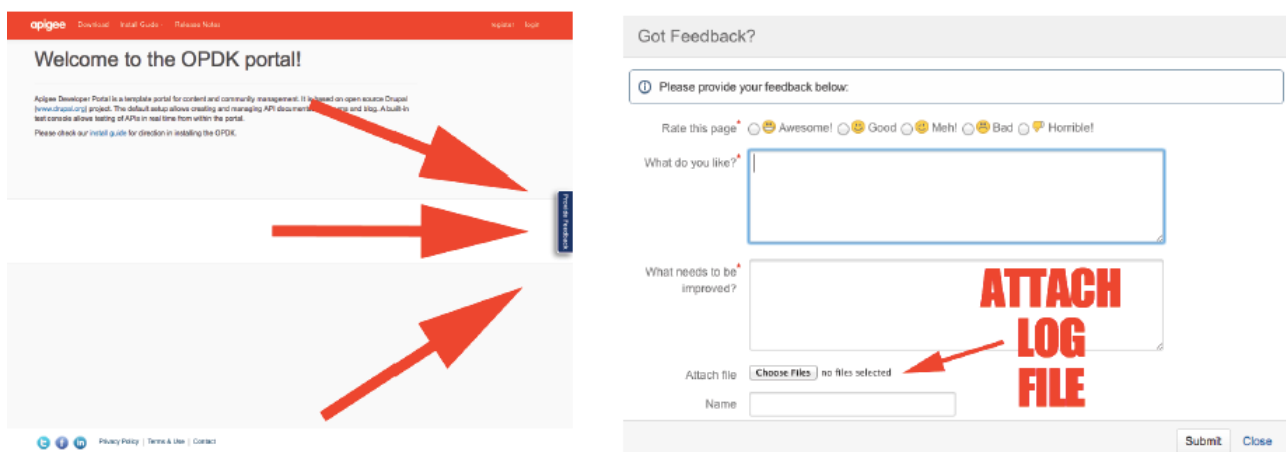


Figure 1: Attaching a log file to a feedback report



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