

# Cloud Pak for Data 2.5

## Watson Knowledge Catalog service patch 3.0.0.4

### Installation Instructions

19-March-2020

#### Contents

1. Overview
2. Bill of Materials
3. Installing the patches
4. Post-installation steps

#### Overview

This service patch contains fixes for Watson Knowledge Catalog.

These instructions assume that you have the following products already installed in your Red Hat OpenShift cluster:

- IBM® Cloud Pak for Data. For more information, see [Installing Cloud Pak for Data on a Red Hat OpenShift cluster](#).

- Watson Knowledge Catalog. For more information, see [Installing the Watson Knowledge Catalog service](#).

**Required Roles:** To install the patch, you must be a **Cluster Administrator**.

# Watson Knowledge Catalog Patch 4 Bill of Materials

The Watson Knowledge Catalog Patch 4 is comprised of 2 different patches. Apply both patches.

- cpd-2.5.0.0-ccs-patch-4 - Common Core Services (CCS)
- wkc-patch-3.0.0.4 - Watson Knowledge Catalog (WKC)

Install the CCS Patch first, then the WKC patch and then perform the post installation steps.

## Installing the Common Core Services (CCS) patch

To install the Common Core Services patch 3.0.0.4, complete the following steps:

1. The patch files are publicly available in the IBM Cloud Pak [GitHub repository](https://raw.githubusercontent.com/IBM/cloud-pak/master/repo/cpd). Make sure that the repo.yaml file that defines your registries and file servers contains reference to this URL:  
<https://raw.githubusercontent.com/IBM/cloud-pak/master/repo/cpd>
2. Change to the directory for the Cloud Pak for Data command-line interface.
3. If you have the internet connection on the cluster, use the non air-gapped mode to install the patch. Run the following command:

```
./cpd-linux patch
--namespace zen
--repo repo.yaml
--assembly wkc
--patch-name cpd-2.5.0.0-ccs-patch-4
--transfer-image-to=${REGISTRY}:${PORT}/${RUN_NAMESPACE}
--ask-push-registry-credentials
Push registry credentials
Username: ocadmin
Password: oc whoami -t
```

- a. Example command:

```
./cpd-linux patch --repo repo.yaml --assembly wkc --namespace zen --patch-name
cpd-2.5.0.0-ccs-patch-4 --transfer-image-to=docker-registry.default.svc:5000/zen --
ask-push-registry-credentials --target-registry-username=$(oc whoami) --target-
registry-password=$(oc whoami -t)
```

4. If you don't have the internet connection on the cluster, use the air-gapped mode.
  - a. Run the following command to download the required files to your local machine.

```
./cpd-linux patch
--repo repo.yaml
```

```
--assembly wkc

--version 3.0.333

--patch-name cpd-2.5.0.0-ccs-patch-4

--action download
```

b. Run the following command to install the patch:

- i. 

```
./cpd-linux patch
--namespace Project
--load-from Image_directory_location
--assembly wkc
--patch-name cpd-2.5.0.0-ccs-patch-4
--transfer-image-to=Registry_location
--ask-push-registry-credentials --action push
```

ii.

Replace the following values:

- *Project*: The project (namespace) where the IBM Cloud Pak for Data control plane is installed.
- *Image\_Directory\_location*: The location of the cpd-Operating\_System- workspace directory.
- *Registry\_location*: The location to store the images in the registry server. For more information, see [Setting up your registry server](#).

## Installing the WKC patch

To install the Watson Knowledge Catalog service patch 3.0.0.4, complete the following steps:

1. The patch files are publicly available in the IBM Cloud Pak [GitHub repository](https://raw.githubusercontent.com/IBM/cloud-pak/master/repo/cpd). Make sure that the repo.yaml file that defines your registries and file servers contains reference to this URL:  
<https://raw.githubusercontent.com/IBM/cloud-pak/master/repo/cpd>
2. Change to the directory for the Cloud Pak for Data command-line interface.
3. If you have the internet connection on the cluster, use the non air-gapped mode to install the patch. Run the following command:

```
./cpd-linux patch
--namespace zen
--repo repo.yaml
--assembly wkc
--patch-name wkc-patch-3.0.0.4
--transfer-image-to=${REGISTRY}:${PORT}/${RUN_NAMESPACE}
--ask-push-registry-credentials
Push registry credentials
Username: ocadmin
Password: oc whoami -t
```

Example command:

```
./cpd-linux patch --repo repo.yaml --assembly wkc --namespace zen --patch-name
wkc-patch-3.0.0.4 --transfer-image-to=docker-registry.default.svc:5000/zen --
ask-push-registry-credentials --target-registry-username=$(oc whoami) --target-
registry-password=$(oc whoami -t)
```

4. If you don't have the internet connection on the cluster, use the air-gapped mode.
  - a) Run the following command to download the required files to your local machine.

```
./cpd-linux patch
--repo repo.yaml
--assembly wkc
--version 3.0.333
--patch-name wkc-patch-3.0.0.4
--action download
```

- b) Run the following command to install the patch:

```
./cpd-linux patch
--namespace Project
--load-from Image_directory_location
--assembly wkc
--patch-name wkc-patch-3.0.0.4
--transfer-image-to=Registry_location
--ask-push-registry-credentials --action push
```

Replace the following values:

- *Project*: The project (namespace) where the IBM Cloud Pak for Data control plane is installed.
- *Image\_Directory\_location*: The location of the cpd-Operating\_System- workspace directory.
- *Registry\_location*: The location to store the images in the registry server. For more information, see [Setting up your registry server](#).

## Post-installation steps

After you install the patch, complete the following post-installation steps

- [Configure gremlin-console service \(Required\)](#)
- [Configure wkc-glossary-service \(Required\)](#)

### Note:

There are 3 sections below where a text segment should be copied from the file “**wkc-patch-3.0.0.4-code.txt**” which can be found in the same folder as this PDF file.

### Configure gremlin-console service (Required)

1. Log in to your Red Hat OpenShift cluster as a project administrator:

```
oc login OpenShift_URL:port
```

2. Run the command

```
oc set env deploy/gremlin-console -c gremlin-console JAVA_OPTIONS="-Djava.util.prefs.systemRoot=/tmp/.java -Djava.util.prefs.userRoot=/tmp/.java/.userPrefs -Duser.home=/tmp"
```

### Configure wkc-glossary-service (Required)

1. Log in to your Red Hat OpenShift cluster as a project administrator:

```
oc login OpenShift_URL:port
```

2. Open the service YAML file by running the following command:

```
oc edit deployment wkc-glossary-service
```

3. If not present in the file, add (copy/paste) the lines from the section “Configure wkc-glossary-service” in the wkc-patch-3.0.0.4-code.txt file, starting with – name
4. Save the changes and quit by using the :wq command. The pods are restarted automatically, and changes are applied.



