Cloud Pak for Data 2.5

Watson Knowledge Catalog service patch 3.0.0.6

Installation Instructions

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Contents

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 6 Bill of Materials

The Watson Knowledge Catalog Patch 6 is comprised of 2 different patches. Apply both patches.

- cpd-2.5.0.0-ccs-patch-6 - Common Core Services (CCS)
- wkc-patch-3.0.0.6 - 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 3.0.0.6, complete the following steps:

1. The patch files are publicly available in the IBM Cloud Pak GitHub repository. 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-6
  --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-6 --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-6

--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-6`
        `--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 3.0.0.6, complete the following steps:

1. The patch files are publicly available in the IBM Cloud Pak GitHub repository. 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-3.0.0.6
  --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-3.0.0.6 --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-3.0.0.6
 --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-3.0.0.6
--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

- Configure the `iis-services` service:

  a. Get the name of your `iis-services` pod by running this command:

  ```
  oc get pods | grep -i iis
  ```

  b. Run the following command to set a property for the `iis-services` service, replacing *iis-services-pod-name* with the pod name you found in the previous step:

  ```
  oc exec iis-services-pod-name \
  -- /opt/IBM/InformationServer/ASBServer/bin/iisAdmin.sh -s -k \
  com.ibm.iis.ug.microservice.indexing.isEnable -value true
  ```

  c. Delete the `iis-services` pod.