Installation script

Table of Contents

[Introduction 2](#_Toc103259848)

[Prerequisites: 2](#_Toc103259849)

[Steps: 3](#_Toc103259850)

[License Details: 5](#_Toc103259851)

# Introduction

In this document we will cover how to use standalone installation script to do end to end installation.

Major components of Collibra data quality are:

* OWL-WEB
* OWL-Agent
* OWL-Metastore (Postgres DB)
* SPARK

Using this script user can install required component/s on specific server/s as per their architecture requirements. Following combinations can we achieved using this script.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Options** | **Postgres** | **Owl web** | **Owl agent** | **Spark** |
| 1 | Server1 | Server1 | Server1 | Server1 |
| 2 | Server1/Cloud SQL | Server2 | Server2 | Server2 |
| 3 | Server1/Cloud SQL | Server2 | Server3 | Server3 |
| 4 | Server1/Cloud SQL | Server2 | Edge Node | Cluster |

## Prerequisites:

* Installation script
* Get the installer download link
* Read & Write permission on Postgres Data folder

## Steps:

1. Download the installation script on Server

curl -o cdq\_install.sh <https://owl-packages.s3.amazonaws.com/MP/cdq_install.sh>

1. Get the Installer download link from Collibra team
2. Run the following command on server

Set execute permission to download script.

**chmod +x** **cdq\_install.sh**

To start the installation.

**./cdq\_install.sh “<Installer Download Link>”**

**Note:**

* **If “<Installer Download Link>” is not provided or incorrect as first parameter, it will download the build from “**<https://owl-packages.s3.amazonaws.com/MP/owl-2022.05-G-SPARK301-package-full.tar.gz>”

1. Prompt for Installer download location
2. Prompt for Installation location (OWL\_BASE)
3. Prompt for “Want to download installer or not”
   * “y” to download, check installer is good or not, and extract installer
   * “n” to use existing one on “Installer download location”, check installer is good or not, and extract.
4. Prompt for Postgres installation. If you want to install “y” else “n”
   * If user input is “y”, it will prompt you to provide postgres username and password
   * If user input is “n”, it will prompt you “Do you want to configure postgres DB for Web/Agent/Spark”?
     1. Input “y” and provide “postgres DB URL”, postgres username and password
5. Prompt for OWL-WEB to get install or not. Provide “y” to install on this server
6. Prompt for OWL-Agent to get install or not. Provide “y” to install on this server
7. Prompt for SPARK to get install or not. Provide “y” to install on this server
8. Checks following on server
   * “yum” is available or not. If not, it will stop the installation
   * Port # 8080, 7077, 9000 & 5432 are available or not. If not available, it stop the installation
9. If server has no java configured, at java installation & configuration, provide “y”.
10. If step 4d option is “y”, it will prompt for postgres data folder location. Press “enter” if you are fine with default location
11. Once the installation script is completed, check processes details on server.

ps -ef | grep -i spark

ps -ef | grep -i RunAgent

ps -ef | grep -i owl-webapp

ps -ef | grep -i postgres

1. If all the processes are up and running, open the browser and try

http://<server\_name/ip>:9000

Note: Default credentials admin/admin123

## License Details:

CDQ will get installed with default license with limited time validity. Get your license key from Collibra and run the following command to set CDQ with new license.

Steps:

* Go to <CDQ\_HOME>/owl/bin folder
* Execute the following command

./owlmanage.sh setlic=<your license key>