

# Cloud Pak for Data

Custom URL Route & Common URL for routing

**Lakshmana Ekambaram**

IBM Cloud Pak for Data

[ekambara@us.ibm.com](mailto:ekambara@us.ibm.com)

# Custom URL for “Cloud Pak for Data” Route

## 1. Get the default Cloud Pak for Data Route URL

oc get routes -n < cpd namespace >

```
[root@kcanalytica-lb-1 ~]# oc get routes
```

NAME	HOST/PORT	PATH	SERVICES	PORT	TERMINATION	WILDCARD
healthdb	healthdb-zen.apps.kcanalytica-lb-1.fyre.ibm.com		db2wh-1589336652865-db2u-engn-svc	legacy-server		None
zen-cpd	zen-cpd-zen.apps.kcanalytica-lb-1.fyre.ibm.com		ibm-nginx-svc	ibm-nginx-https-port	passthrough	None

## 2. Create custom URL/host name for Cloud Pak for Data

( example: [aigovernance.ibmcloudpack.com](https://aigovernance.ibmcloudpack.com) )

Create DNS **CNAME** Record for the custom host name with target value set to default route host

### Edit Existing Records

Click the row to edit the record. All changes are saved on row update.

All		Items per page: 100		1-26 of 26 Records		1 of 1 pages		<	1	>	↺	⚙
Host/Service	Resource Type ▼	TTL	Value/Target									
@	NS	86400 (1 Day)	ns1.softlayer.com.									
@	NS	86400 (1 Day)	ns2.softlayer.com.									
aigovernance	CNAME	900 (15 Min)	zen-cpd-zen.apps.kcanalytica-lb-1.fyre.ibm.com									

# Custom URL for “Cloud Pak for Data” Route

## 3. Verify the DNS changes are updated

```
dig <custom <hostname>
```

```
dig aigovernance.ibmcloudpack.com
```

*It takes about 5 minutes for DNS entries getting updated and able to ping.*

```
[root@kcanalytica-lb-1 ~]# dig aigovernance.ibmcloudpack.com
; <<>> DiG 9.11.4-P2-RedHat-9.11.4-16.P2.el7_8.2 <<>> aigovernance.ibmcloudpack.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 34090
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;aigovernance.ibmcloudpack.com. IN      A

;; ANSWER SECTION:
aigovernance.ibmcloudpack.com. 40 IN      CNAME  zen-cpd-zen.apps.kcanalytica-lb-1.fyre.ibm.com.
zen-cpd-zen.apps.kcanalytica-lb-1.fyre.ibm.com. 300 IN CNAME kcanalytica-lb-1.fyre.ibm.com.
kcanalytica-lb-1.fyre.ibm.com. 300 IN      A      9.30.146.49

;; Query time: 231 msec
;; SERVER: 9.30.146.49#53(9.30.146.49)
;; WHEN: Sun Aug 23 21:33:57 PDT 2020
;; MSG SIZE  rcvd: 177
```

## 4. Create new route for custom URL

```
oc create route passthrough --service=ibm-nginx-svc --hostname=<hostname>
```

```
oc create route passthrough --service=ibm-nginx-svc --hostname=aigovernance.ibmcloudpack.com
```

```
[root@kcanalytica-lb-1 ~]# oc get routes
```

NAME	HOST/PORT	PATH	SERVICES	PORT	TERMINATION	WILDCARD
healthdb	healthdb-zen.apps.kcanalytica-lb-1.fyre.ibm.com		db2wh-1589336652865-db2u-engn-svc	legacy-server		None
ibm-nginx-svc	aigovernance.ibmcloudpack.com		ibm-nginx-svc	ibm-nginx-https-port	passthrough	None
zen-cpd	zen-cpd-zen.apps.kcanalytica-lb-1.fyre.ibm.com		ibm-nginx-svc	ibm-nginx-https-port	passthrough	None

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## 5. Validate the new URL

<https://aigovernance.ibmcloudpack.com>

The screenshot shows the IBM Cloud Pak for Data dashboard. The browser address bar displays the URL <https://aigovernance.ibmcloudpack.com/zen/#/homepage>. The dashboard has a dark theme with a blue and purple background. The main heading is "Welcome, admin!" followed by the instruction "Use the following links to get up and running." Below this, there are three columns of links: "Create a service instance", "Set up an LDAP server", "Manage users", "Create an analytics project", "Explore the services catalog", "Enable email notifications", "Create catalogs", "Explore business terms", and "Explore policies". On the left side, there is a sidebar with "Quick navigation" and "Resources" sections. The "Overview" section on the right contains three tables: "Recent projects", "Requests", and "Notifications".

Recent projects	
Learn-watson	Jul 27, 2020 09:49 AM
StarterKit	Jun 25, 2020 10:29 AM
Customer Churn	Jun 03, 2020 08:20 PM
ai-governance	May 31, 2020 01:04 AM
MLOps	May 30, 2020

Requests	
Data requests	0
Completed publish to catalog requests	0
Pending publish to catalog requests	1

Notifications	
PT	Project import complete - StarterKit was imported successfully. <a href="#">View import summary.</a> Jun 25, 2020 10:29 AM
WD	Discovery process has failed for connection <a href="#">CardioHealth</a> to project <a href="#">ai-governance</a> May 30, 2020 11:23 PM
WD	Discovery process has started for connection <a href="#">CardioHealth</a> to project <a href="#">ai-governance</a>