

TeamID:PNT2022TMID39421

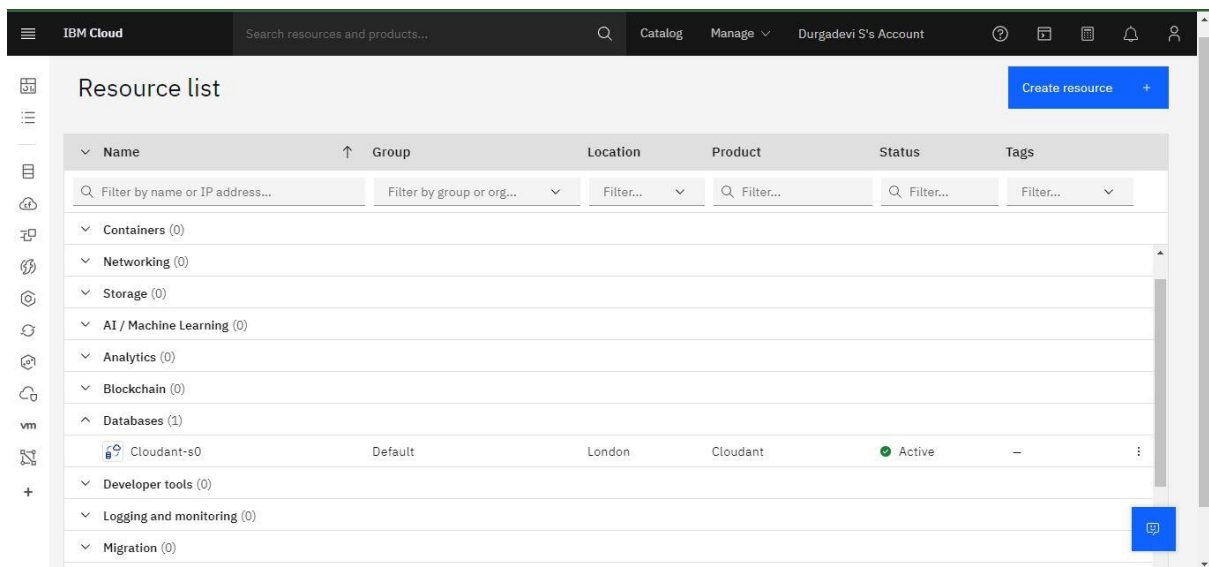
IBM CLOUDANT

Cloudant is an IBM software product, which is primarily delivered as a cloud-based service. Cloudant is a non-relational, distributed database service of the same name. Cloudant is based on the [Apache](#)-backed [CouchDB](#) project and the open source [BigCouch](#) project.

Cloudant's service provides integrated data management, search, and analytics engine designed for [web applications](#). Cloudant scales databases on the CouchDB framework and provides hosting, administrative tools, analytics and commercial support for CouchDB and BigCouch.^[1] Cloudant's distributed CouchDB service is used the same way as standalone CouchDB, with the added advantage of data being redundantly distributed over multiple machines.

Cloudant was acquired by [IBM](#) from the start-up company of the same name. The acquisition was announced on February 24, 2014,^[2] The acquisition was completed on March 4 of that year.^[3]

Step:1



Step:2

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with 'IBM Cloud', a search bar, and links for 'Catalog', 'Manage', and 'Durgadevi S's Account'. Below this, the 'Resource list' section shows 'Cloudant-s0' with a status of 'Active' and an 'Add tags' link. The 'Details' tab is selected, displaying deployment information. The left sidebar has 'Manage' selected, with sub-links for 'Service credentials', 'Plan', and 'Connections'. The main content area shows 'Deployment details' with fields for CRN, Location, External endpoint, and External endpoint (preferred). It also lists 'Authentication methods' as 'IBM Cloud IAM' and 'Cloudant credentials', with a 'Migrate to IAM Only' button. At the bottom, there's an 'Activity Tracker event types' section with a dropdown set to 'Management' and a 'Save' button.

IBM Cloud

Search resources and products...

Catalog Manage Durgadevi S's Account

Resource list / Cloudant-s0 Active Add tags

Details Actions...

Manage

Service credentials

Plan

Connections

Launch Dashboard

Deployment details

CRN crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/5a0dc24b5c294ca1a40ed69871d0eea0:61595fe4-5b31-430c-890f-9ac366292d9b::

Location London

External endpoint <https://9d823576-3c50-44fb-b7ae-f0c35300e2ee-bluemix.cloudant.com>

External endpoint (preferred) <https://9d823576-3c50-44fb-b7ae-f0c35300e2ee-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods IBM Cloud IAM and Cloudant credentials Migrate to IAM Only

Activity Tracker event types Management Save

Step:3

The screenshot shows the IBM Cloud console interface for 'Service credentials'. The navigation bar is the same as in Step 2. The left sidebar has 'Service credentials' selected. The main content area shows a heading 'Service credentials' with a sub-header 'You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. Learn more'. Below this is a search bar and a 'New credential' button. A table lists the credentials, with one entry 'Service credentials-1' selected. The details of this credential are shown in a code block, displaying a JSON object with fields like 'apikey', 'host', 'iam_apikey_description', 'iam_apikey_name', 'iam_role_crn', 'iam_serviceid_crn', 'password', 'port', 'url', and 'username'.

IBM Cloud

Search resources and products...

Catalog Manage Durgadevi S's Account

Manage

Service credentials

Plan

Connections

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials... New credential +

Key name	Date created
Service credentials-1	2022-11-17 2:40 PM

```
{  "apikey": "cQP9dfzXTvDjeB0TXE_n6A9wRsy2Fz5KSEuoj-8j0iug",  "host": "9d823576-3c50-44fb-b7ae-f0c35300e2ee-bluemix.cloudantnosqldb.appdomain.cloud",  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/5a0dc24b5c294ca1a40ed69871d0eea0:61595fe4-5b31-430c-890f-9ac366292d9b:resource-key:55d55e10-e29f-44bb-bfee-4529ca90da48",  "iam_apikey_name": "Service credentials-1",  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/5a0dc24b5c294ca1a40ed69871d0eea0::serviceid:ServiceId-d48c5c01-51ec-4460-ae35-f886ca35be6b",  "password": "020416efeb9198519fac293801425353",  "port": 443,  "url": "https://apikey-v2-2r4omy1h1xzteyuejtleajbtc2sj35ppr4p5dkcx61dc:020416efeb9198519fac293801425353@9d823576-3c50-44fb-b7ae-f0c35300e2ee-bluemix.cloudantnosqldb.appdomain.cloud",  "username": "apikey-v2-2r4omy1h1xzteyuejtleajbtc2sj35ppr4p5dkcx61dc"}
```