

CREATE A DATA BASE IN CLOUDANT DB

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Project name	Hazardous area monitoring for industrial power plants by IoT
Maximum marks	2 marks

Create a Cloudant DB

The screenshot shows the IBM Cloud Service Details page for a Cloudant database. The URL in the browser is <https://cloud.ibm.com/services/cloudantnosqldb/crm%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2Fa9a9486ed5114a8f97675c92191e40e9...>. The page title is "node-red-bjdn-2022--cloudant-1667633639917". The service is listed as "Active". The "Overview" tab is selected. Deployment details include CRN: crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/a9a9486ed5114a8f97675c92191e40e9:cbabffcf-f488-4f02-9049-647cbfb7eee3:, Location: London, External endpoint: <https://3453216d-0b71-40fe-a944-65106857df93-bluemix.cloudant.com>, and External endpoint (preferred): <https://3453216d-0b71-40fe-a944-65106857df93-bluemix.cloudantnosqldb.appdomain.cloud>. Authentication methods are listed as "IBM Cloud IAM" and "Cloudant credentials". A "Migrate to IAM Only" button is present. The bottom of the screen shows a Windows taskbar with icons for File Explorer, Edge, File Manager, Mail, and Google Chrome, along with system status indicators like battery level, signal strength, and date/time (22:46, 17-11-2022).

Screenshot of the Cloudant Dashboard showing the list of databases.

The dashboard has a header with tabs: WhatsApp, Service Details - IBM, Cloudant Dashboard, Node-RED : node-red, Node-RED Dashboard, IBM Watson IoT Platf, and a New Tab.

The main area shows a table titled "Your Databases" with columns: Name, Size, # of Docs, Partitioned, and Actions.

Name	Size	# of Docs	Partitioned	Actions
noderedgcjru20221105	26.1 KB	4	No	

A sidebar on the left contains icons for Home, Databases, Views, Functions, Triggers, Queries, Replicators, and Log Out.

At the bottom, there is a search bar and a system status bar showing 22:56, ENG, 17-11-2022, and a battery icon.

Screenshot of the Cloudant Dashboard showing the details of a specific database.

The header and sidebar are identical to the previous screenshot.

The main area shows the "All Documents" view for the database "noderedgcjru2022...".

The interface includes a sidebar with options: All Documents, Query, Permissions, Changes, Design Documents, and library.

The main panel displays a table with columns: id, key, and value.

id	key	value
_design/library	_design/library	[{"rev": "1-c93136490a0976308f8b3..."}]
nodered/credential	nodered/credential	[{"rev": "5-c8cbaa4adfd175d6078e2d..."}]
nodered/flow	nodered/flow	[{"rev": "27-bac6aa96c8eea6a4892f3..."}]
nodered/settings	nodered/settings	[{"rev": "11-225016f147c5abdb3847..."}]

A footer bar at the bottom contains a search bar and a system status bar showing 22:56, ENG, 17-11-2022, and a battery icon.

