

## Create Node Red service

Team ID	PNT2022TMID30606
Project Name	Smart waste management system for metropolitan cities

Step 1: Login into IBM CLOUD account

Step2: In catalog, search for node red application

The screenshot displays the IBM Cloud Catalog interface. At the top, a dark navigation bar includes the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Valarmathi S's Account). Below the navigation bar, the main content area features a large isometric illustration of a city with various IoT and cloud-related icons. On the left, a 'Catalog' section contains a search bar with the text 'Node-Red app'. To the right of the search bar, a list of categories is visible, including Recommended products (6), Compute (30), Containers (9), Networking (29), Storage (19), AI / Machine Learning (17), Analytics (10), Blockchain (1), Databases (28), Developer tools (25), and Logging and monitoring (3). The main product grid shows three items: Analytics Engine (By IBM), AnonTech ViziVault Platform (By Anon Technology, Inc.), and API Connect (By IBM). Each item includes a brief description and a list of features or capabilities.

**Category** ^ Viewing 206 products

Alphabetically

**Analytics Engine**  
By IBM

Submit your Apache Spark applications as needed and customize the Spark runtimes to satisfy the requirements of your application.

Lite • Free • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported

**AnonTech ViziVault Platform**  
By Anon Technology, Inc.

Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using ViziVault

Lite • Free • HIPAA Enabled • IAM-enabled • Third party supported

**API Connect**  
By IBM

An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises and on the cloud.

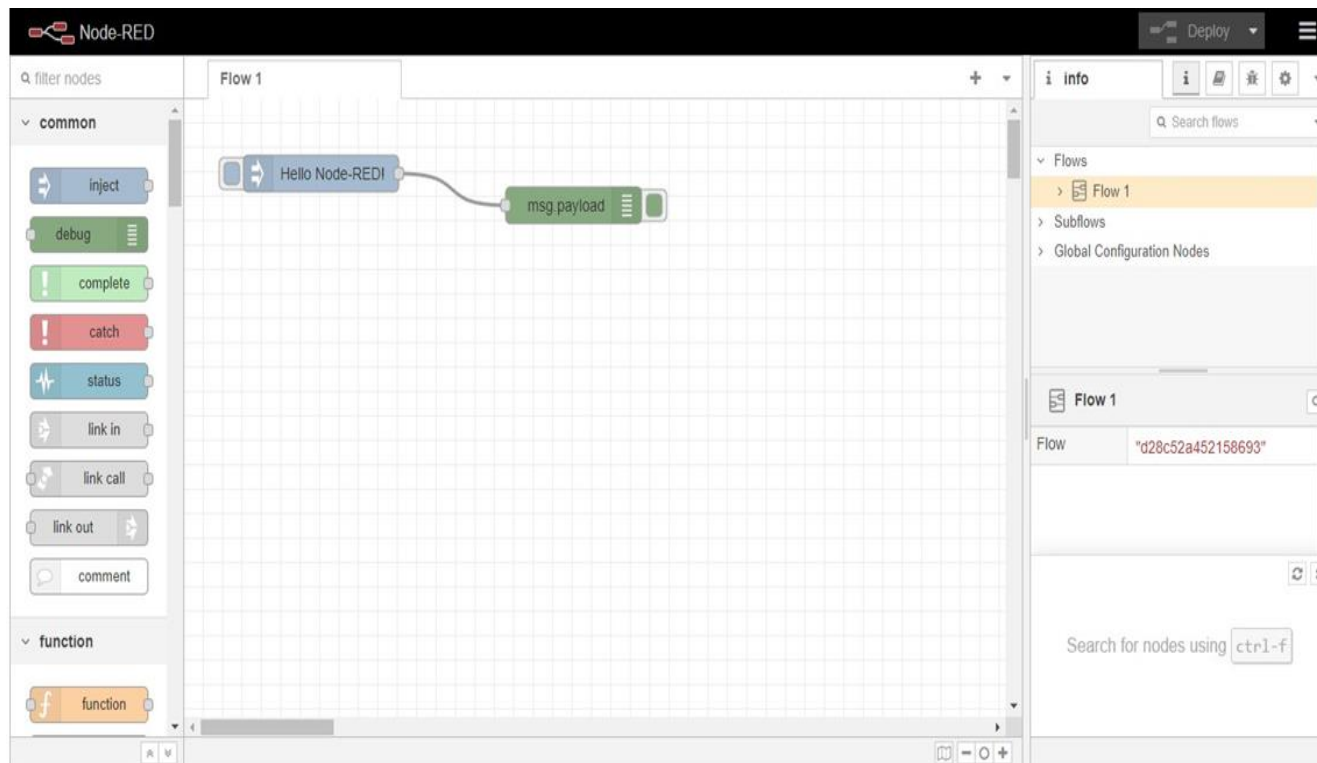
Lite • Free • EU Supported • IAM-enabled • IBM supported

Step 3: Enter the project details and click on create

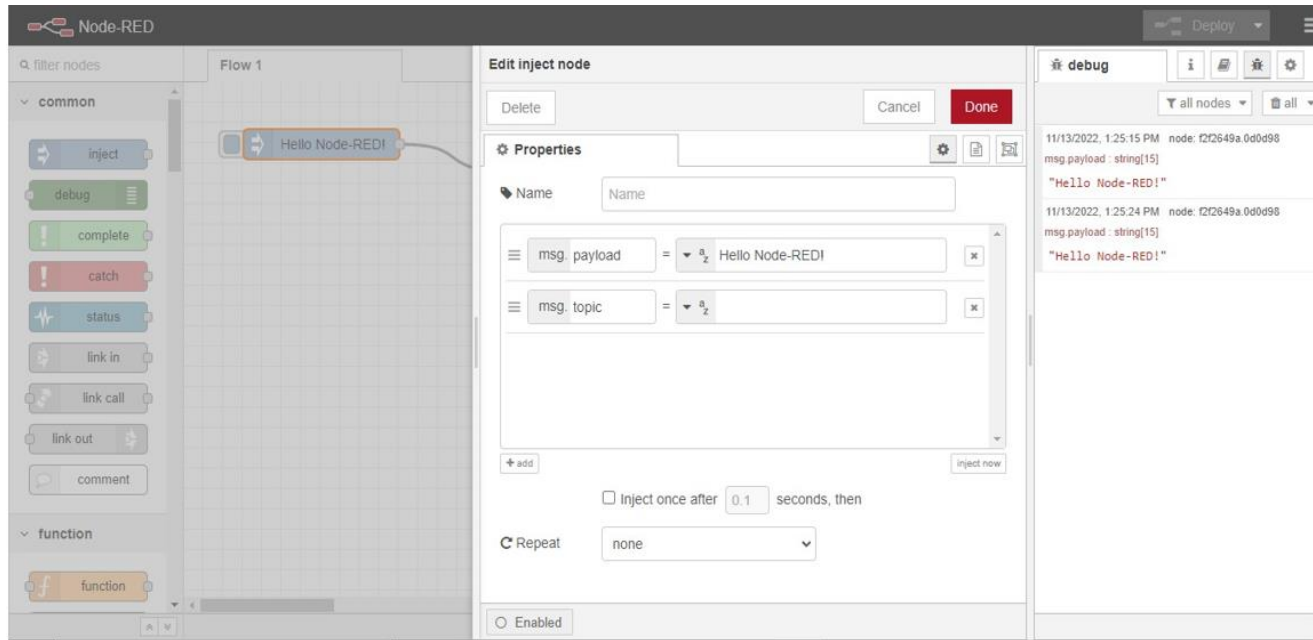
Step 4: click on deploy option and deploy

Step 5: Set up the environment for deploying and click on create

Step 6: Now drag and drop the nodes and connect nodes with IOT Watson platform



## Step 7: setup the settings that connects node red service with Watson IOT



Step 8: Finally, output can be seen in node red service

