

Create and configure IBM cloud services

Creation of node-RED

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Team ID	PNT2022TMID29879
Project Name	Project - Real-time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

NODE RED

The screenshot shows the IBM Cloud Node-RED dashboard. The top navigation bar includes 'Resource list /', 'Node RED JKABO 2022-11-07', and buttons for 'Running', 'Visit App URL', and 'Add tags'. A sidebar on the left lists navigation options: 'Overview', 'Runtime', 'Connections', 'Logs', 'API Management', and 'Autoscaling'. The main content area displays the 'Overview' tab, which includes a 'Health' section showing '100%' status and '1/1 instance(s) are running'. A 'Runtime' section shows a circular progress indicator for 'Node.js' with '256' total MB allocation and '1.5 GB still available'. A 'Runtime cost' section shows '\$0.00'. A 'Connections (1)' section shows a single connection to 'node-red-ondhq-2022-cloudant-1666674484588-95568'. A warning banner at the top states 'IBM Cloud Foundry Public is being deprecated. Please see full details.'

The screenshot shows the Node-RED web interface. The left sidebar contains a 'filter nodes' search bar and a list of node categories: 'common', 'function', 'network', 'input', and 'output'. The 'function' category is expanded, showing nodes like 'function', 'switch', 'change', 'range', 'template', 'delay', 'trigger', 'timer', and 'OpenWhisk'. The main workspace displays a flow diagram with three nodes: 'IBM IoT' (blue), 'msg.payload' (green), and 'Temperature' (orange). The 'IBM IoT' node is connected to the 'msg.payload' node, which is connected to the 'Temperature' node. The right sidebar shows a 'debug' console with a list of messages, including temperature and humidity data points.

