

IBM CLOUD IOT PLATFORM AND NODE RED SERVICE:

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area shows a table of devices with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The selected device (ID 1234) is shown in a detailed view with tabs for Identity, Device Information, Recent Events, State, and Logs. The 'Recent Events' tab is active, showing a list of events with columns: Event, Value, Format, and Last Received. The events are as follows:

Event	Value	Format	Last Received
status	["Condition_for_Drive": "Beyond the accidental ar..."]	json	a few seconds ago
status	["AccidentalArea_Distance": 11]	json	a few seconds ago
status	["Cond_for_Speed": "Go Slow"]	json	a few seconds ago
status	["WorkingArea_Distance": 3]	json	a few seconds ago
status	["Condition_for_Direction": "As Your Wish"]	json	a few seconds ago

At the bottom of the dashboard, it indicates '0 Simulations running'.

The screenshot shows the Node-RED interface, which is a visual programming tool for IoT. The top bar indicates 'Successfully deployed'. The main workspace displays a flow named 'Flow 1'. The flow starts with an 'IBM IoT' node (connected) that feeds into a 'msg.payload' node. This node then branches into several function nodes (f) that process the data: 'Temperature', 'Condition_for_Speed', 'VehiclesCount', 'Condition_for_Direction', 'WorkingZoneDistance', 'Cond_for_Speed', 'AccidentalZoneDistance', and 'Condition_for_Drive'. These function nodes are connected to output nodes: 'temp', 'text', 'Vehicles Count', 'Working Zone Distance', 'Accident Zone Distance', and 'text'. A 'get /sensor' node is also connected to a 'mit app' node, which then connects to an 'http' node. The right sidebar shows a 'dashboard' tab with a 'Layout' section and a 'Tabs & Links' section. The 'Tabs & Links' section lists various data points and their corresponding visualizations: Temperature (temperature), Condition_for_Speed (text), VehiclesCount (Vehicles Count), Condition_for_Direction (text), Working Zone (workingzone), Cond_for_Speed (text), Dangerous Zone (dangerouszone), and Condition_for_Drive (text).