

SIMULATION CREATION WITH OUTPUT AND CONNECTION

WITH NODE RED

The screenshot displays the IBM IoT Platform interface. At the top, there's a navigation bar with 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar is present next to 'Browse'. On the right, there's a button 'Add Device'. Below the navigation bar, a table lists devices. The selected device has ID 22, Status 'Connected', Device Type '1312', Class ID 'Device', and Date Added 'Nov 8, 2022 7:13 PM'. Below the table, there's a section for 'Recent Events' with a sub-header 'Identity', 'Device Information', 'Recent Events', 'State', and 'Logs'. The 'Recent Events' section shows a live stream of data. Below this, a table lists recent events:

Event	Value	Format	Last Received
data	["temp":35,"gas":130,"flame":803,"flow":false,"i...	json	a few seconds ago
data	["temp":35,"gas":244,"flame":641,"flow":true,"is...	json	a few seconds ago
data	["temp":35,"gas":311,"flame":479,"flow":true,"is...	json	a few seconds ago
data	["temp":35,"gas":26,"flame":317,"flow":false,"isf...	json	a few seconds ago
data	["temp":35,"gas":141,"flame":155,"flow":false,"i...	json	a few seconds ago

The screenshot displays the Node-RED interface. On the left, there's a sidebar with 'filter nodes' and a list of nodes categorized under 'common' and 'function'. The main workspace shows a flow with an 'IBM IoT' node connected to several function nodes. These function nodes are connected to output nodes labeled 'Temperature', 'Gas', 'Flame', 'flow', 'fan status', 'Sprinkler status', 'Accident status', and 'Sprinklerstatus'. On the right, there's a 'debug' console showing the output of the flow, including JSON payloads and status messages.