

**HEADING: create and
configure IBM cloud services
. TITLE: create node RED
service**

DATE: 08 November 2022

TEAM ID : PNT2022TMID08431

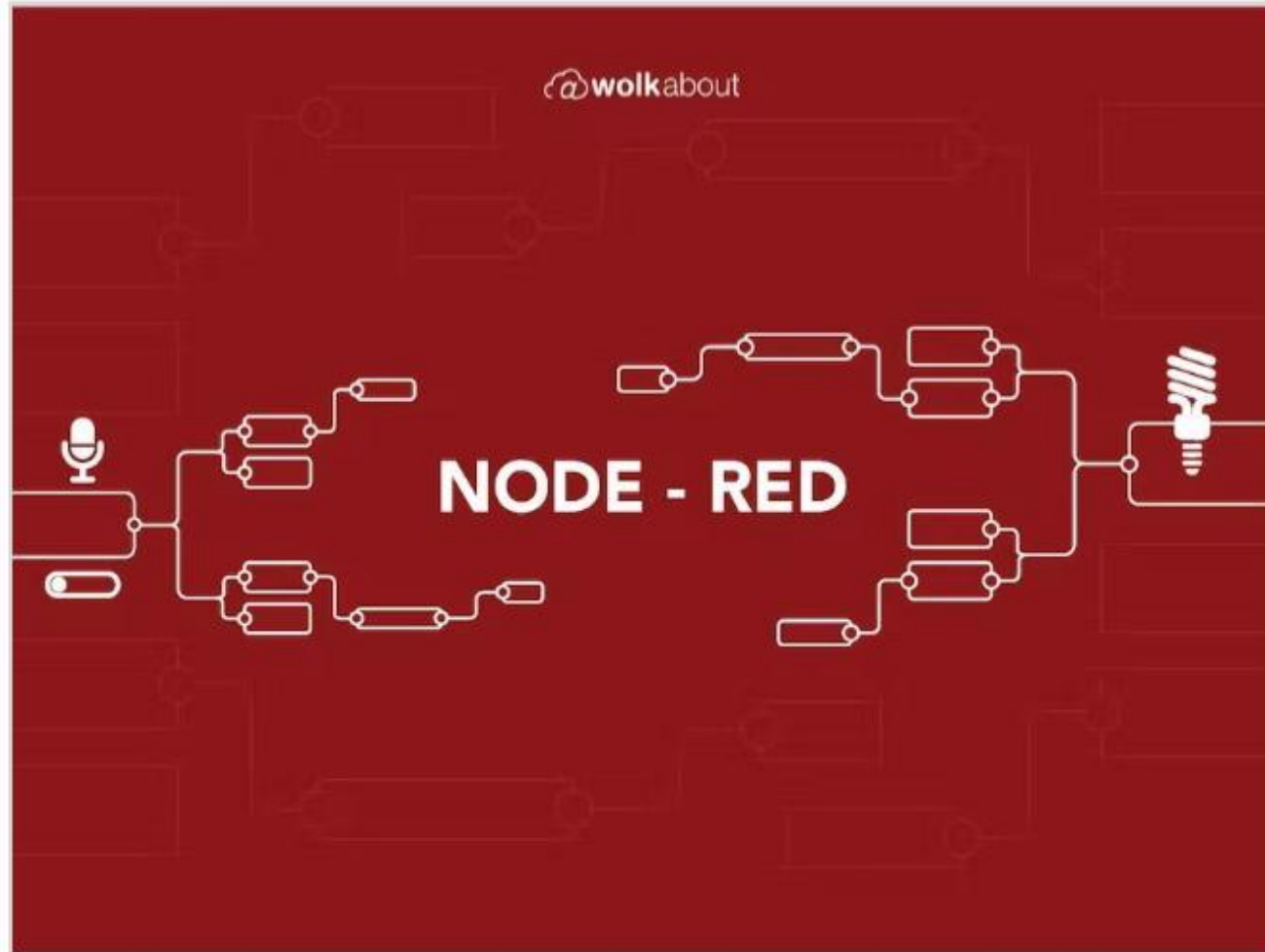
**PROJECT NAME: IOT based safety gadget For
child safety and Monitoring notification**

Introduction

This project uses [NodeJS, Node-RED](#), and [WolkConnect-Node-RED](#), an npm package running on Raspberry Pi and its Raspbian OS to connect and send data to [WolkAbout IoT Platform](#). Node-RED supports deployment to Raspberry Pi out of the box, and the set of nodes provided by the [package](#) greatly reduces the time needed to connect to the Platform.

@wolkabout

NODE - RED



Node-RED: A tool for flow based programming of IoT scenarios

Node-RED (<https://nodered.org/>) is a powerful and easy-to-use programming platform for the simulation of IoT scenarios. Fog and edge computing can also be done using flow based programming in Node-RED. Here, high performance structures can be implemented using minimum coding.

Node-RED can be installed on multiple platforms including open source hardware devices, IoT devices, the cloud or on dedicated servers. Its cloud deployment can be done on IBM Cloud, Microsoft Azure, SenseTecnica FRED and Amazon Web Services. To work with IoT, fog and edge scenarios, it can be installed on Raspberry Pi, BeagleBone Black, or Arduino. These devices support the interfacing of IoT sensors for multiple applications.