

# Internet of Things (IoT) Ready Networking

## Course 7374 – 16 Hours

### **Overview**

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Internet of Things Ready Networking Course is a 2 day course intended for students who would like to learn the basics of IoT. Internet of Things (machine to machine communication) is considered a rising and industrial evolution using sophisticated sensors and chips that are embedded into physical things that surround our echo system enabling billions of devices to be connected to the internet while leading to hundreds of billions of related devices connecting with each other forming an intelligent system of systems. This Platform of intelligent devices and systems that share data over the cloud and analyze it will transform businesses and our daily lives in countless ways. These are the exclusive insights to be explored in the Internet of Things (IoT) Ready Networking course. Students will learn about the new capabilities of the IoT concept and enable students to understand the building blocks that construct the IoT architecture and IoT protocols as one.

### **On Completion, Delegates will be able to**

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- Students will be able to plan and implement IoT network ready environment

### **Who Should Attend**

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- IT professionals that need to construct and design IoT ready network
- Network engineers, system engineers and IT team leaders

### **Prerequisites**

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- Basic knowledge in Networking

### **Course Contents**

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- Internet of Things Overview
- IoT Building Blocks
- IoT Architecture and Protocol Stack
- The Role of "Gateways" in the IoT
- IoT Integration Challenges