40505-G: Microsoft Cloud Workshop: Internet of Things

This workshop will guide you through an implementation of an end-to-end IoT solution simulating high velocity data emitted from smart meters and analyzed in Azure. You will design a lambda architecture, filtering a subset of the telemetry data for real-time visualization on the hot path, and storing all the data in long-term storage for the cold path.

Objectives

- At the end of this workshop, you will be better able to construct an IoT solution implementing device registration with the IoT Hub Device Provisioning Service and visualizing hot data with Power BI.

Intended Audience

This workshop is intended for Cloud Architects and IT professionals who have architectural expertise of infrastructure and solutions design in cloud technologies and want to learn more about Azure and Azure services as described in the "Summary" and "Skills gained" areas. Those attending this workshop should also be experienced in other non-Microsoft cloud technologies, meet the course prerequisites, and want to cross-train on Azure.

Topics

- Whiteboard Design Session - Internet of Things

- Hands-on Lab - Internet of Things

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