

Register a device



Register a device

A device must be registered with your IoT hub before it can connect.

In this slide, you use the Azure Portal to register a simulated device.

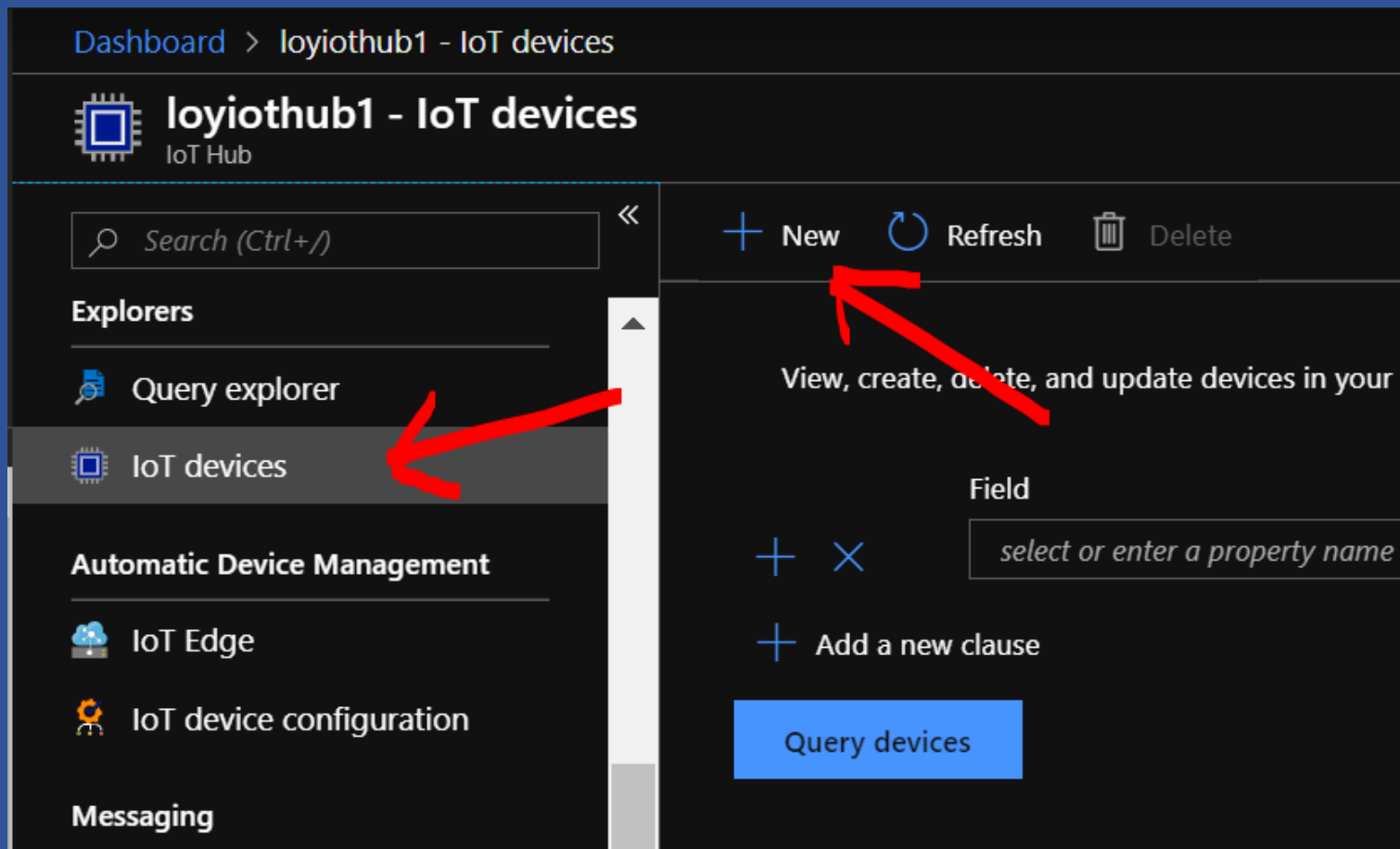
The screenshot shows the Azure Portal interface for a device named 'loy-iot-device-1' under the IoT hub 'loyiothub1'. The page has a dark theme. At the top, there's a breadcrumb 'Dashboard > loy-iot-device-1'. Below the title, there's a toolbar with icons for 'Save', 'Message to Device', 'Direct Method', 'Add Module Identity', 'Device Twin', 'Manage keys', and 'Refresh'. The main content area lists several configuration options:

- Device ID**: A text field containing 'loy-iot-device-1'.
- Primary Key**: A text field with masked characters (dots).
- Secondary Key**: A text field with masked characters (dots).
- Primary Connection String**: A text field with masked characters (dots).
- Secondary Connection String**: A text field with masked characters (dots).
- Enable connection to IoT Hub**: Two radio buttons, 'Enable' (selected) and 'Disable'.
- Parent device**: A dropdown menu showing 'No parent device'.
- Distributed Tracing (preview)**: A dropdown menu showing 'Not configured'.


Each text field has a copy icon to its right. There are also information icons (i) next to the Device ID, Primary Key, Secondary Key, Primary Connection String, Secondary Connection String, and Distributed Tracing (preview) labels. At the bottom left, there is a 'Learn more' link.


Go to IoT Hub

In Explorers click IoT device



Enter Device ID and Save

 **Create a device**

 Find Certified for Azure IoT devices in the Device Catalog

* Device ID ⓘ

test ✓

Authentication type ⓘ

Symmetric key X.509 Self-Signed X.509 CA Signed

* Primary key ⓘ

Enter your primary key

* Secondary key ⓘ

Enter your secondary key

Auto-generate keys ⓘ

☒

Connect this device to an IoT hub ⓘ

Save

What's next?

