

AWS IoT 1-Click FAQs

Q. What is AWS IoT 1-Click?

AWS IoT 1-Click is a new service that makes it easy for simple devices to trigger AWS Lambda functions for required actions. With AWS IoT 1-Click, simple devices are ready to securely connect to [AWS IoT Core](#) right out of the box. This makes it easy for developers to deploy these devices into their applications without the need for creating, installing and managing certificates. AWS IoT 1-Click provides device manufacturers with the tools and APIs needed to provision certificates at the time of manufacturing and register the devices with AWS IoT.

Q. What are simple devices?

Simple devices are Internet connected devices that are connected through different methods including Wi-Fi, LTE-M, NB-IoT, SigFox etc. These devices have a single purpose that can be associated with actions such as AWS Lambda functions. This action can be triggered in a simple and scalable manner with AWS IoT 1-Click. Examples of simple devices include but are not limited to:

Button-like devices: These devices can be clicked to trigger particular actions.

Asset Trackers: Trackers on containers in warehouses or on trucks transporting materials enable location tracking for instant traceability and notification.

Temperature Sensors: Actions such as temperature control could be triggered based on temperatures reaching predefined thresholds, based on customer requirements.

Card readers: Devices to track entry/exit of authorized personnel into offices, laboratories, or factories as part of workplace procedures.

Q. Which simple devices are supported with AWS IoT 1-Click?

During preview, AWS IoT 1-Click will support the following simple devices:

- AWS IoT Enterprise button with Wi-Fi connectivity
- AT&T LTE-M button with AT&T LTE-M network connectivity

Both these devices will be pre-provisioned with the appropriate credentials at the time of manufacturing and can securely connect to AWS IoT Core right out of the box.

Q. Can I use my existing AWS IoT buttons for the AWS IoT 1-Click?

No, your existing AWS IoT buttons (both the 1st generation and the 2nd generation) will not be supported with AWS IoT 1-Click.

Q. In which regions will the AWS IoT 1-Click Preview be available?

AWS IoT 1-Click is available in the following AWS regions:

US West (Oregon), US East (N. Virginia), US East (Ohio), EU (Ireland), EU (Frankfurt), EU (London), Asia Pacific (Tokyo).

Q. How do I get started with AWS IoT 1-Click?

Visit our [documentation](#) to see the AWS IoT 1-Click getting started guide. This document has the details on how you can get started with AWS IoT 1-Click.

Q. What are the features within AWS IoT 1-Click?

AWS IoT 1-Click enables the following:

Choice of simple devices: AWS IoT 1-Click supports ready-to-use simple devices that will be ready to use right out of the box. Currently, we support the AWS IoT Enterprise Button and the AT&T LTE-M Button. Going forward, we are targeting support for different types of devices that connect over different methods.

Secure connectivity: Device manufacturers will be able to build simple devices with appropriate credentials to connect to AWS IoT Core at the time of manufacturing, thus enabling secure connectivity to the AWS cloud.

Grouping with contextual data: With AWS IoT 1-Click, customers will be able to group their devices into projects based on their requirements including usage and location. Individual device placements within their projects can be defined, with user-specified contextual data.

Choice of actions: AWS IoT 1-Click will enable customers to choose from a set of pre-defined Lambda actions including sending email and SMS and associate them to devices. Alternatively, customers can choose to use their own custom-defined Lambda functions, from their AWS accounts.

Usage and Status reports: Customers will be able to derive reports detailing usage and status of their deployed devices, using AWS IoT 1-Click. Reports include pre-defined reports for device activity such as number of clicks and device health such as remaining life on battery-operated devices or custom reports that can be generated using Amazon CloudWatch.

AWS IoT 1-Click will be available through the AWS Management Console and the AWS IoT 1-Click mobile app on the iOS and Android platforms. In addition, customers will be able to use AWS IoT 1-Click features through a number of public APIs.

Q. I am a device manufacturer and would like my devices to be supported with AWS IoT 1-Click. What needs to be done for these devices to be supported?

Please contact us at iot1click@amazon.com with details of your devices and we can work with you on your request.

Q. I was part of the AWS IoT 1-Click Preview Program. Will my buttons work with the General Availability of AWS IoT 1-Click?

Yes. However, you would need to recreate your projects and re-define your contextual data for devices in your account. You will also need to upgrade to the launch version of the AWS IoT 1-Click mobile app. There is no need to whitelist your account either for the console or the mobile app.

Q. I was part of the AWS IoT Button Enterprise Program. Will my buttons work on with AWS IoT 1-Click?

No, the AWS IoT Button Enterprise Program has been retired. The buttons that were supported with that program will not work with AWS IoT 1-Click.

Q. Will I be able to get branded custom labels on the AWS IoT Enterprise Buttons with AWS IoT 1-Click?

No, the AWS IoT 1-Click service does not include branded custom labels. The buttons come with standard AWS IoT Enterprise Button labels.

Q. Where can I find the list of all supported devices on AWS IoT 1-Click?

Please visit <https://aws.amazon.com/iot-1-click/devices> to view all supported devices on AWS IoT 1-Click.

Q. My button does not work in spite of being connected to the Internet?

Please visit our [documentation](#) to troubleshoot the problem. The LED colors on the button should help you to determine if the problem is with the physical device or the network. If the problem persists, please contact AWS support.