

Disclosure: Security Vulnerability on Tuya IoT Cloud (Resolved)

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Overview

Roborock vacuum cleaners (i.e. devices) connect to either Tuya IoT cloud or Roborock IoT cloud depending on the version of the firmware and Roborock app. For those devices connect to Tuya IoT cloud, the device side library uses an insecure random number generator when negotiating communication channel with the Tuya IoT cloud. This vulnerability affects a portion of Roborock product models globally. Those devices connected to Roborock IoT cloud are not affected by this vulnerability.

Threat

This issue undermines the security of the user data transmitted on the channel between the device and Tuya IoT cloud, including device info, cleaning data, maps, robot settings and customization options.

Affected Models

This issue affects the following products

- Roborock S6
- Roborock S5 Max
- Roborock S6 Pure
- Roborock S6 MaxV
- Roborock S4