Working Group 3: Communicating IoT upgradability

Progress Report

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Agenda

- Mandate and problem statement

- Baseline inputs and deliberative points

- Draft of key elements

- Draft of additional considerations

- Path forward

- Follow-up with us

Mandate and problem statement

IoT users and consumers have difficulty determining the extent of security support for an IoT device without clear information regarding the manufacturer's' commitments to security patching and updatability.

This Working Group #3 will identify the critical elements of information that should be communicated to IoT users and consumers regarding device updatability, and will explore potential means of clearly communicating that information.

Baseline inputs and deliberative points

Baseline inputs

- Government (FTC, DHS)
- Third party (OTA, Five Star Framework)
- Companies (Microsoft)
→Identification of several common points related to updatability

Deliberative points

- Staying within scope while recognizing that updatability not the cure-all
- Balancing clarity of guidance with voluntary, non-prescriptive nature

Draft of key elements

1. A description of whether the device can receive security updates.

2. A summary of how the device receives security updates.

3. If known, describe the expected time after which the device may no longer receive security updates.

Draft of additional considerations

4. Identify where consumers may obtain more information about relevant security policies.

5. Describe how the manufacturer notifies purchasers of security updates.

6. Describe what happens when the device no longer receives security update support.

7. Describe how the manufacturer secures updates, or explain that the process is reasonably secure.

8. Describe steps consumers and end users can and should take to help securely use IoT devices.

Tentative path forward

Task	Week	Output
WG deliberations on v2	Jan 30 – Feb 3	Redlines and edits for chairs
Chairs rationalize inputs	Feb 6 – 10	V3 for WG
WG deliberations on v3	Feb 13 – 24 (incl RSA)	Redlines and edits for chairs
Chairs rationalize inputs	Feb 27 – Mar 3	V4 for WG
WG deliberations on v4	Mar 6 – Mar 10	Redlines and edits for chairs
Chairs rationalize inputs	Mar 13 – Mar 17	V5 for WG
WG deliberations on v5	Mar 20 – 24	Redlines and edits for chairs
Chairs rationalize inputs and deliver final version to WG	Mar 27 – April 3	Final version

Follow-up with us

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