ISO/IEC JTC 1/SC 27/WG 4

Security controls and services

Convenorship: ILNAS (Luxembourg)

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1. **Proposal**

Establish a 6-month Study Period on IoT devices Security and/or Privacy baseline controls

2. **Motivation and Scope**

As there is an increasing number of reports from government and other organizations recommending legislation and regulations for security and/or privacy baseline controls for IoT devices, there is a desire to drive harmonization around the commonalities of these baseline controls. While work is beginning on the security and privacy of IoT, there is still a large landscape to cover relating to connected devices.

1. Identify the commonalties in various global security and/or baseline reports, proposed legislation and draft recommendations.

2. Identify additional controls needed in the area of connected devices and IoT security and/or privacy

3. Examine the existing IoT security and privacy work in ISO/IEC JTC 1/SC 27, ISO/IEC JTC 1/SC 41 and ISO PC 317 to avoid duplication.

3. **Activities**

The Study Period is requested to:

1) Consider the relationship of ISO/IEC 27030's scope to this Study Period;

2) Collect information from SC27 experts on relevant reports, draft legislation, regulations and existing work on IoT Security and privacy baselines and controls;

3) Invite other National Bodies, Liaisons Organizations and other JTC1 SCs concerned by the subject to submit suggested topics and/or feedback;

4) Ensure representation from all SC 27 WGs, especially SWG-T, as required, to participate in the study;

5) Consider what the scope of baseline controls should be;

6) Consider effects of pre and post market requirements;

7) Hold e-meetings to flush out ideas, issues, and critical success factors.

4. **Deliverables**
   a. Report and recommendations
   b. If appropriate, text for security baseline and controls for IoT devices
   c. If appropriate, provide contribution to ISO/IEC 27030
   d. If appropriate, NWIP and Draft document

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