Title: Research results of IoT/IIoT malware analysis and the countermeasures

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Abstract

The use of IoT devices is involved in many industries and applications. Especially for IoT devices related to ICS, it is called IIoT, and there are many cases where sensing and control are critical. Furthermore, IoT/IIoT will be used in new environments such as 5G and CPS(Cyber Physical System) / DT(Digital Twin).

Considering these situations and environments, we believe it is important to prepare for a major paradigm shift related to IoT/IIoT in the future by introducing research results related to the capture and analysis of IoT related malwares infecting IoT devices as well as necessary countermeasures. The presentation will also share the latest Japanese government countermeasure projects