Progress on the Projects (in March 2024)

> 83 ISPs have participated in the projects.

(The survey was canceled in Apr 2020)

telnet/ssh(New)

Duplicate IP (Previous month detection)

telnet/ssh (Previous month detection)

http/https(New)

> A survey on about **112 million IP addresses** of the ISPs was conducted.

NOTICE: 5,402 devices were detected and ISPs have been notified.

NICTER: 1,111(daily avg.) devices were detected and ISPs have been notified.

Results of the **NICTER**-Alert Project* Results of the "NOTICE" Project * Project to alert users of IoT devices infected with malware Number of IP addresses which were successfully Number of IP addresses which seem to be infected logged-in to with weak password settings and with malware and were subject to user alert were subject to user alert **1,111** (daily avg.) (in February: 964) **5,402**(in February: 5,492) Ref) Overall period: 555 daily avg. Ref) Total number from FY2019:144,595 Min: 40 (Feb. 10, 2021) / Max: 6,300 (Oct. 23, 2023) Devices in which password could be entered: 283 thousand Increasing factors: Specific increase due to frequent changes Enhancement of survey programs and 6000 in the IP address of some devices expansion of survey target addresses Mirai variant were transiently activated Decreasing factor: 5000 User takes measures in response to alert by ISP Addition of protocol 4000 (http/https) 3000 to be surveyed Addition of passwords to be surveyed 2000 Enhancement of 1000 survey programs Jun Sep Dec Mar Apr Jul Oct Jan May Aug Nov Feb May Aug Nov Feb May Aug Nov Feb May Aug Nov Feb May Aug Nov 2019 2020 2021 2022 2023 Feb 2021 2024 2019 2020 2022 2023 2024

http/https(Previous month detection)

Duplicate IP (New)

The upper limit of vertical axis for the graph which represents the number of malware detections was changed from Dec 2023