Progress on the Projects (in January 2021)

> ➢ **66 ISPs** have participated in the projects.
> ➢ A survey on about **112 million IP addresses** of the ISPs was conducted.
> ➢ **NOTICE**: **1,581** devices were **detected** and ISPs have been notified.
> ➢ **NICTER**: **79**(daily avg.) devices were **detected** and ISPs have been notified.

Results of the "NOTICE" Project

Number of IP addresses which were successfully logged-in to with weak password settings and were subject to user alert
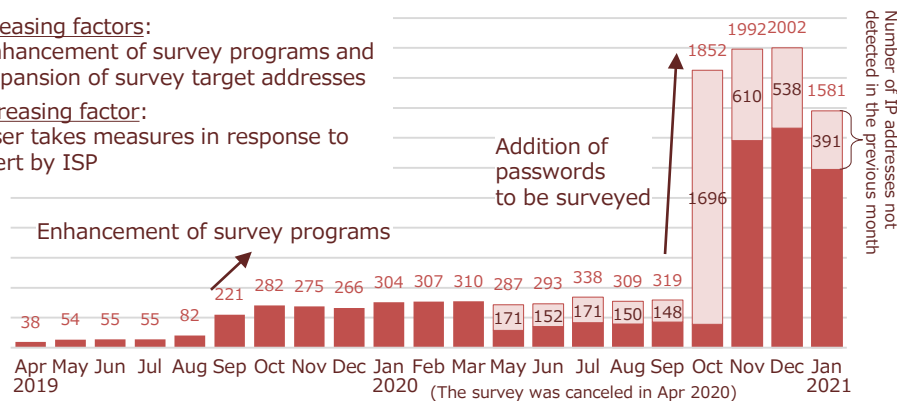
1,581 (in December: 2,002)

Ref) Total number in FY2020: 8,973 (in FY2019: 2,249)
   Devices in which password could be entered: 96 thousand

Results of the NICTER-Alert Project*
* Project to alert users of IoT devices infected with malware

Number of IP addresses which seem to be infected with malware and were subject to user alert

79 (daily avg.) (in December:113)

Ref) Overall period: 181 daily avg.
   Min: 45 (Jan. 21 2021) / Max: 3,227 (Aug. 24, 2020)

Increasing factors:
   Enhancement of survey programs and expansion of survey target addresses
Decreasing factor:
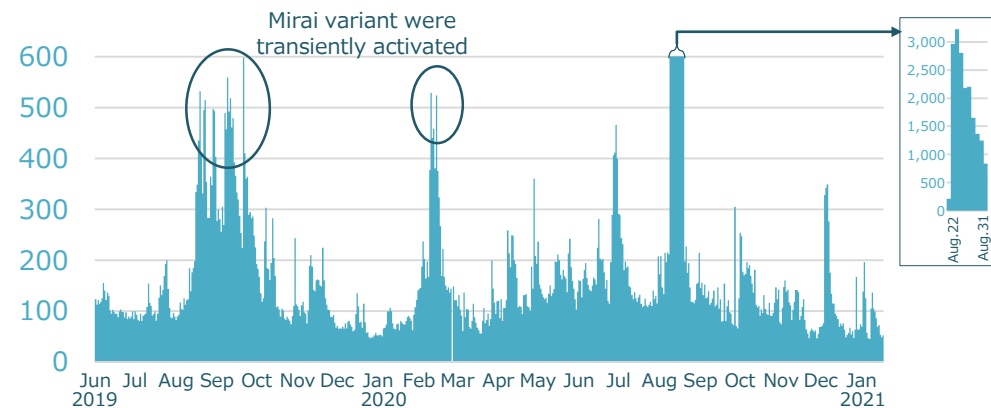   User takes measures in response to alert by ISP

Enhancement of survey programs

Addition of passwords to be surveyed

Number of IP addresses not detected in the previous month

Apr May Jun Jul Aug Sep Oct Nov Dec | Jan Feb Mar May Jun Jul Aug Sep Oct Nov Dec Jan
2019   2020   2021
(The survey was canceled in Apr 2020)

38 54 55 55 82 221 282 275 266 304 307 310 171 152 171 150 148 ... 1696 610 538 391 / 1852 1992 2002 1581

Mirai variant were transiently activated

Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan
2019   2020   2021

We suppose that small number of infected devices frequently changed their global IP addresses for some reason at the end of Aug. 2020.