So Far and Yet so Close: A story of collaboration in cybersecurity field between Japan and Spain

日本とスペインのサイバーセキュリティ分野における国際協力

Who we are?

Masato Ikegami

- *Malware analyst at Canon IT Solutions*
- 10 years of experience in cybersecurity
- Focused on the automated analysis and classification of malware
- *Certifications: CISSP, GREM, GCTI, GCIH*

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Josep Albors

- *Head of Awareness & Research at ESET Spain (Operated by Ontinet.com)*
- 19 years of experience in cybersecurity
- Focused on malware analysis and threat intelligence
- Teacher in cybersecurity courses at several Spanish universities

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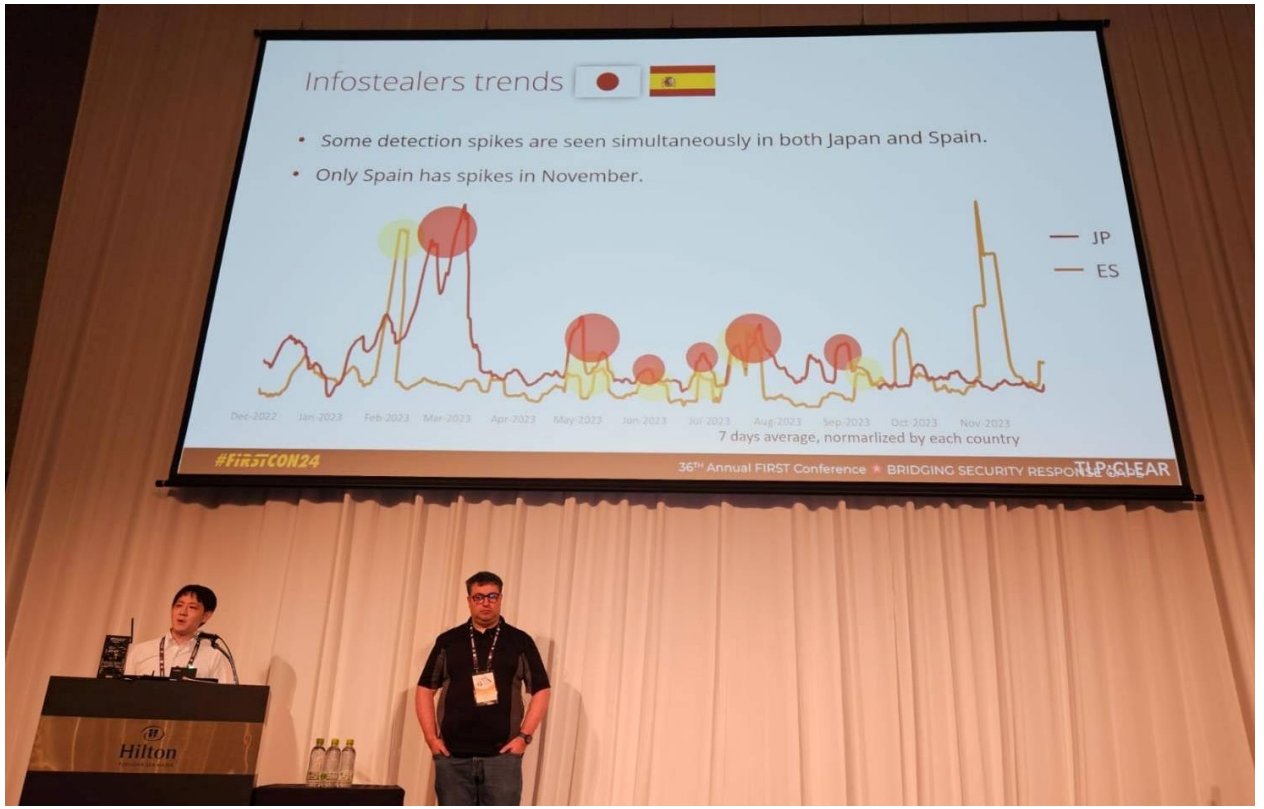
Our collaborative research



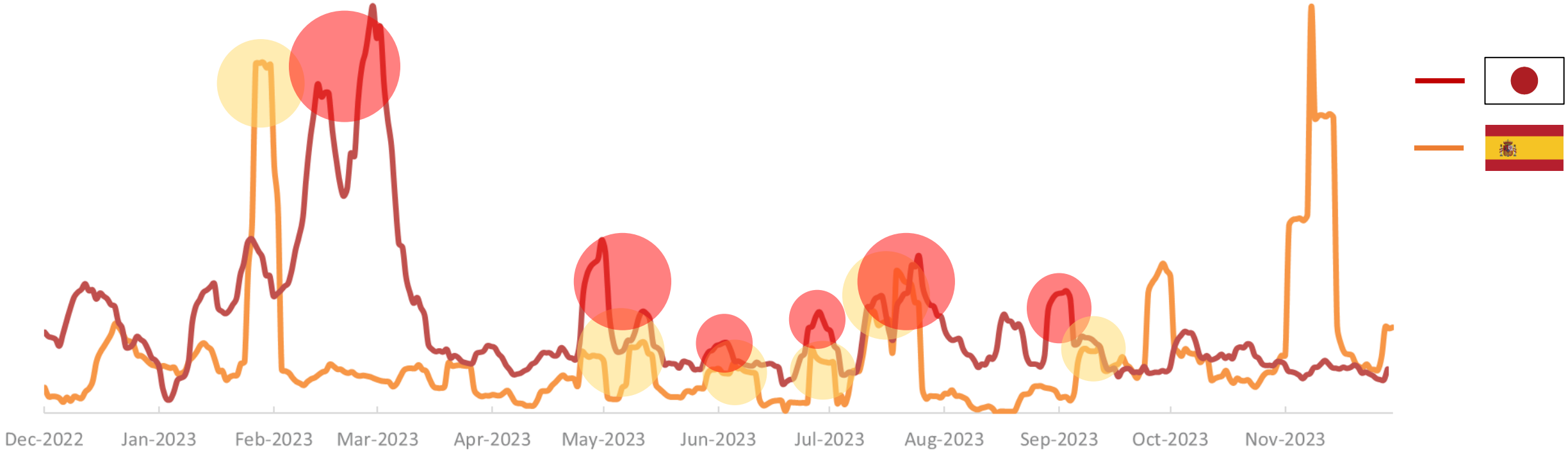
C1b3rWall / FIRSTCON（June 2024）

We gave presentations at C1b3rWall (Avila, Spain) and FIRSTCON (Fukuoka, Japan).

Our collaborative research

Infostealers trends

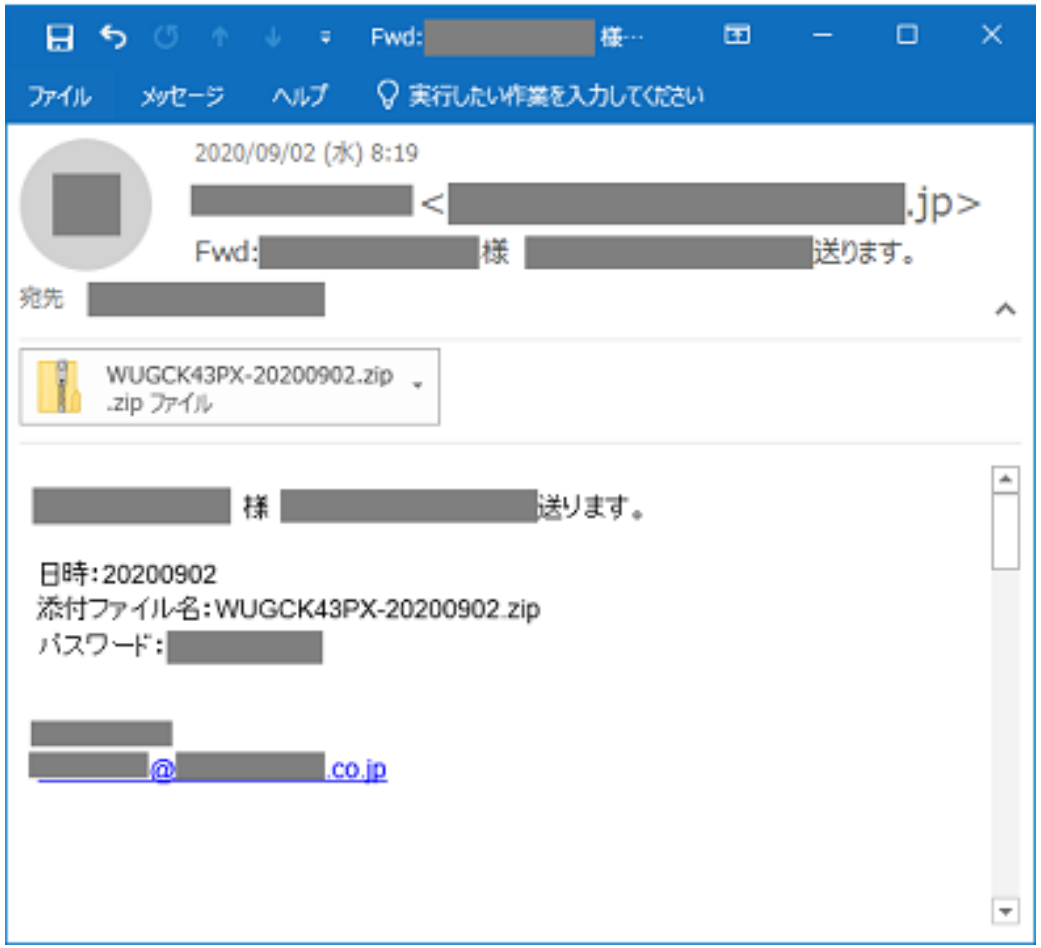
- Some detection spikes are seen simultaneously in both Japan and Spain.
- Only Spain has spikes in November.



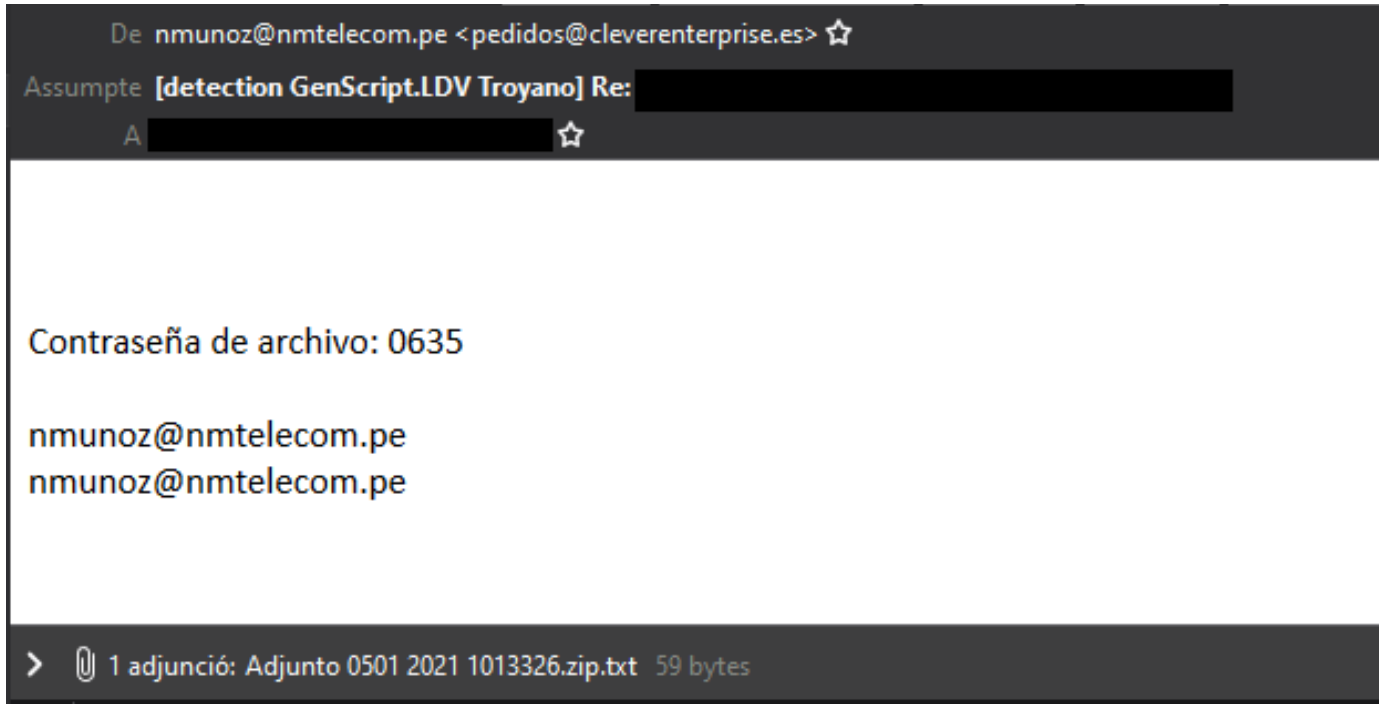
7 days average, normarlized by each country

Our collaborative research

Emotet campaigns



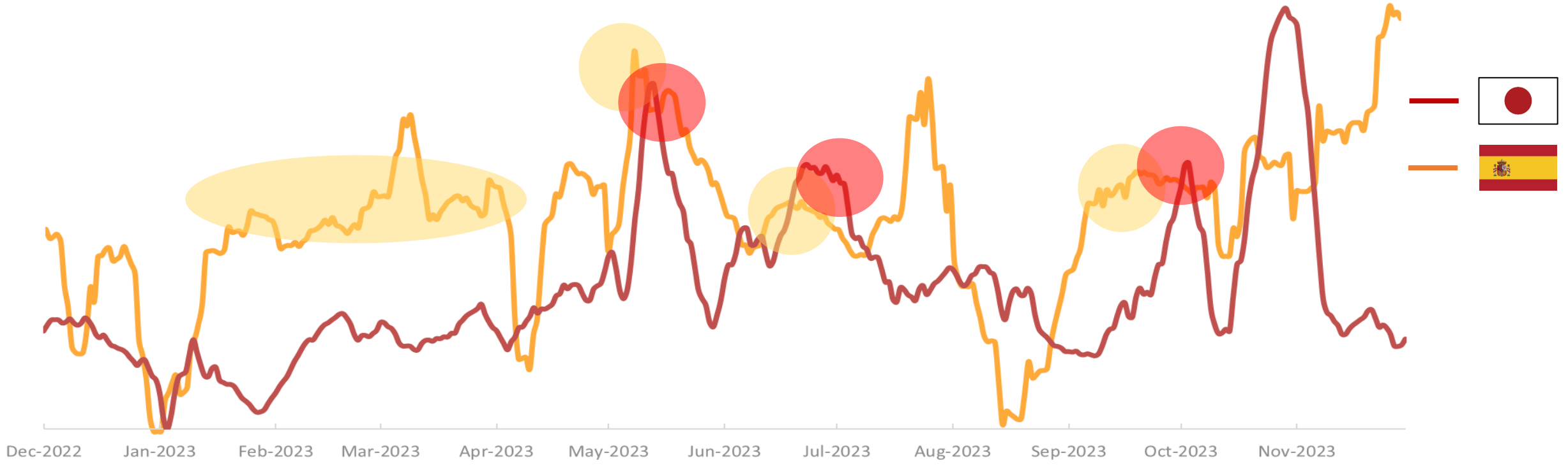
Examples of attacks using password-protected ZIP files (IPA)
https://www.ipa.go.jp/security/emotet/situation/emotet-situation-04.html



Our collaborative research

Scam trends

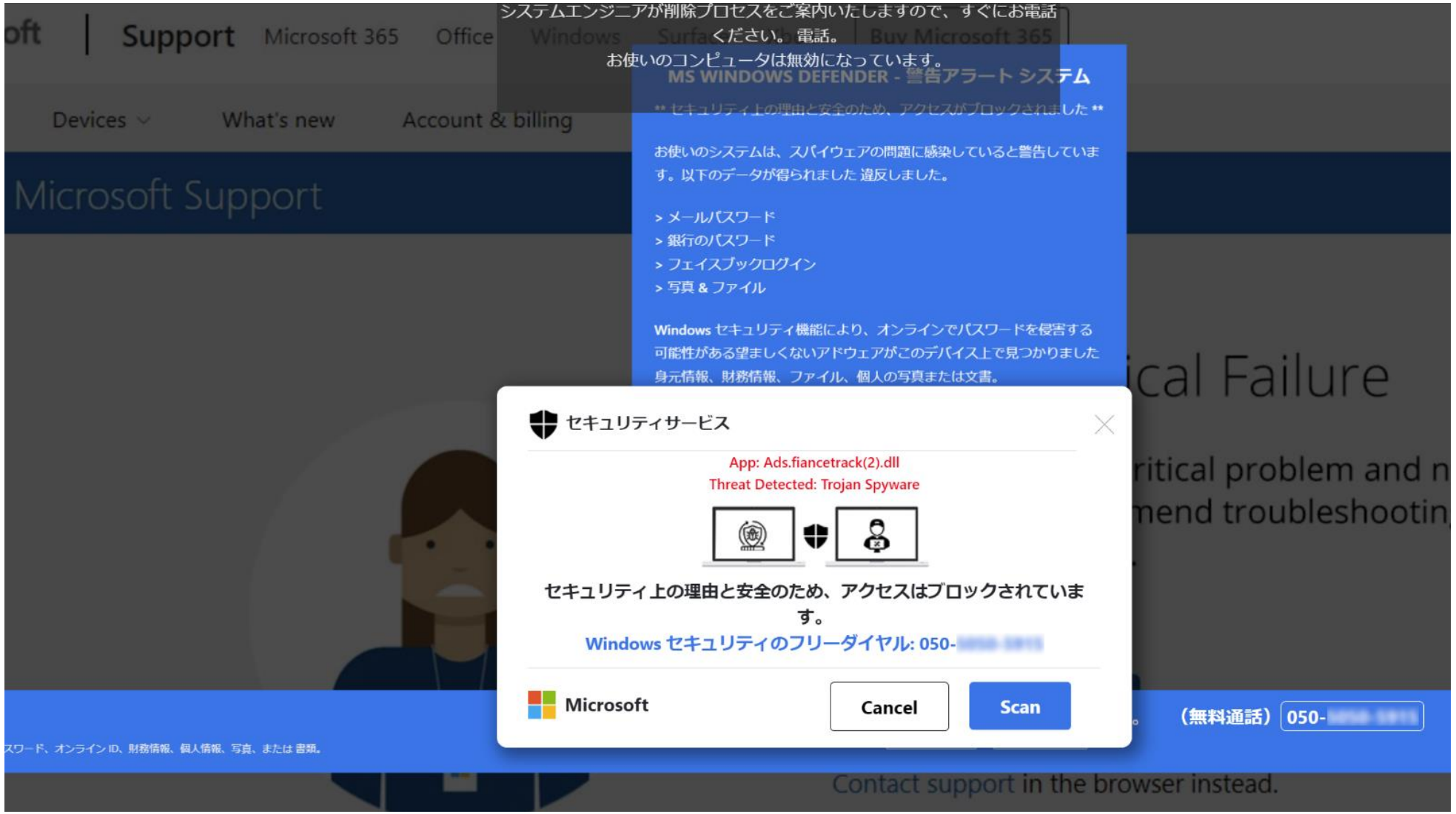
- Some detection spikes in Japan are seen a few weeks after that of Spain.
- In Spain, A spike lasts for months.



7 days average, normarlized by each country

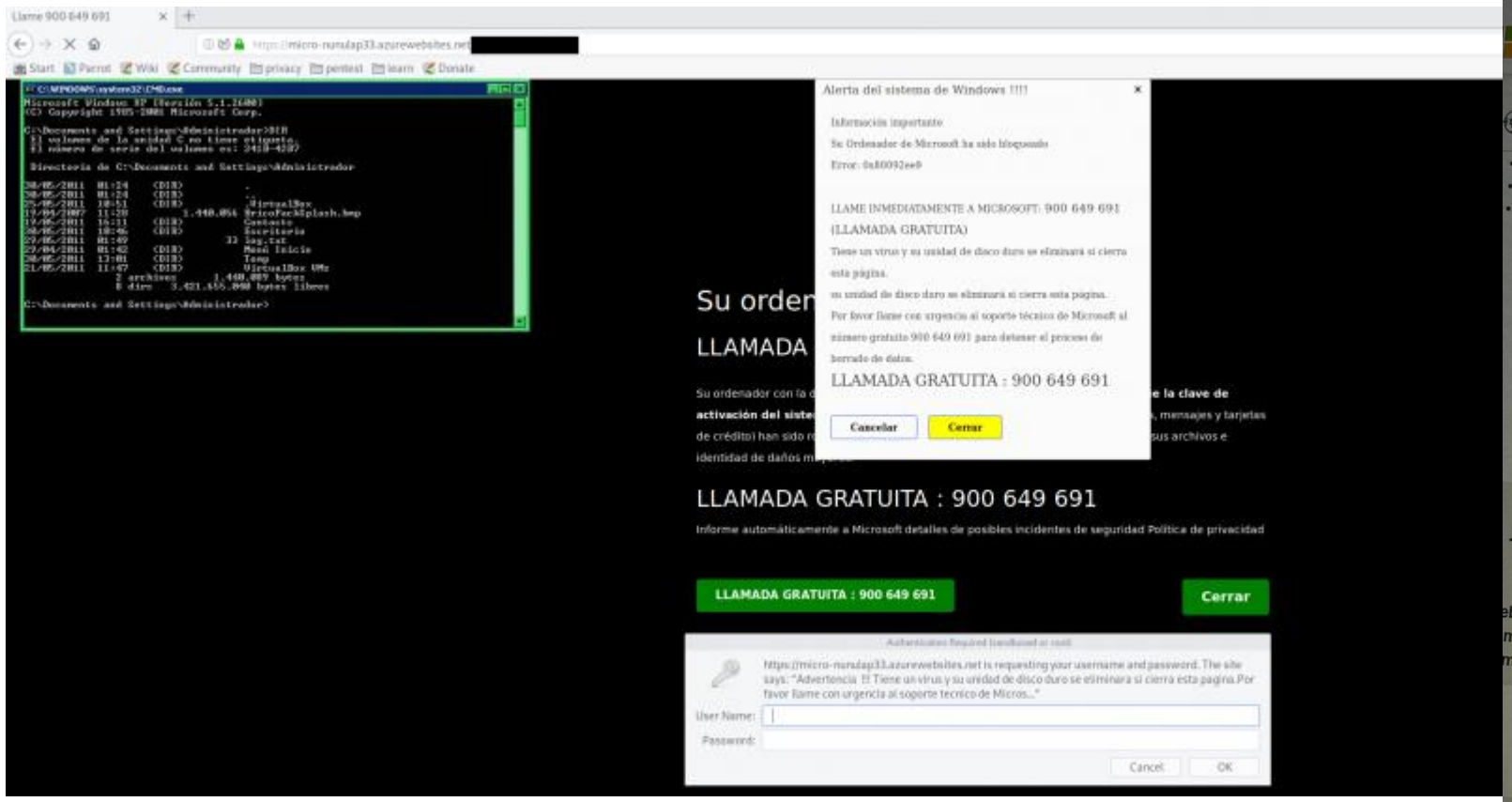
Our collaborative research

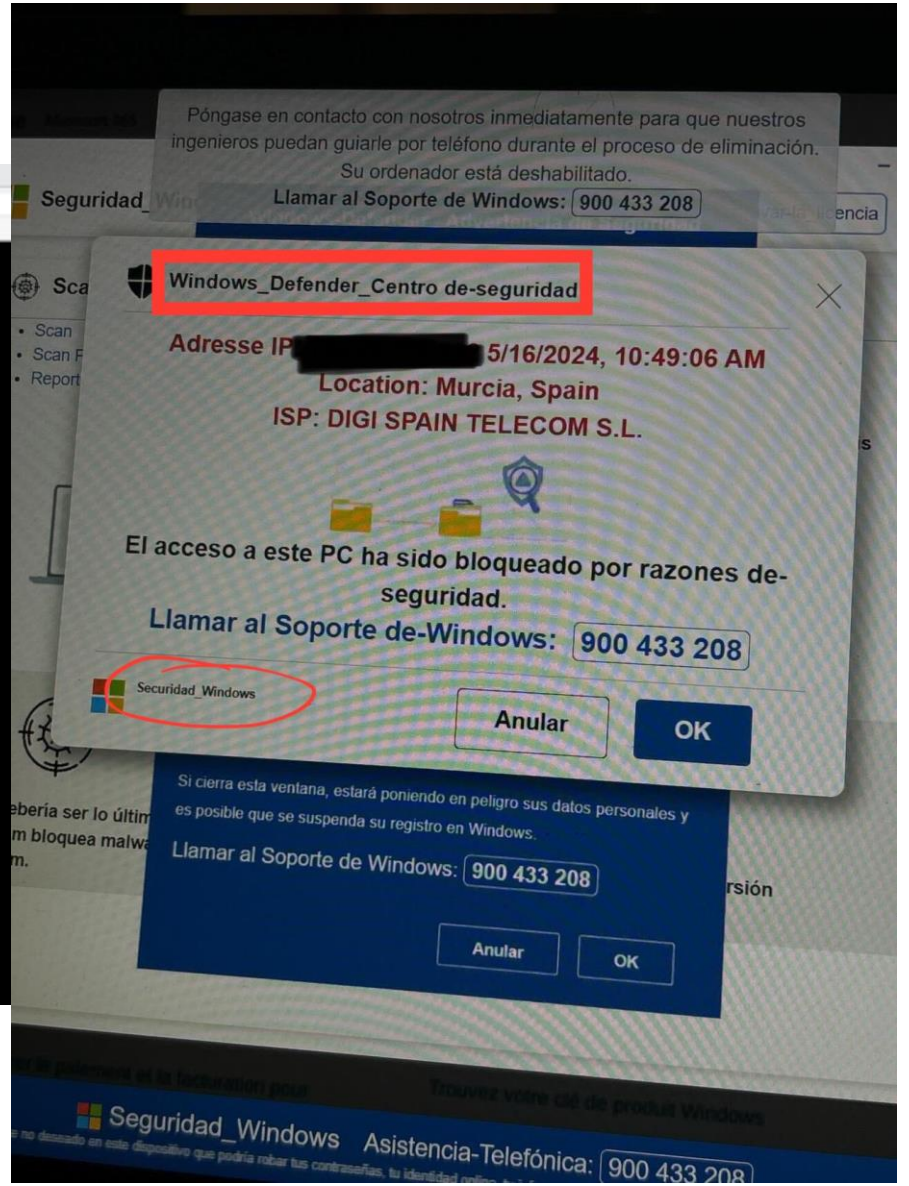
Tech support scam in Japan



Our collaborative research

Tech support scam in Spain





Collaboration between countries

JPCERT and INCIBE have signed a collaboration agreement to address challenges in cybersecurity last February.

https://www.incibe.es/incibe/sala-de-prensa/espana-y-japon-unen-esfuerzos-para-fortalecer-la-ciberseguridad-nivel

Collaboration between companies

MISP
Threat Sharing

Company C

Company O

Lessons learned

- Campaigns observed in one country are often observed later in another country.
- Having said that, the situation differs in some points from one country to another, but we can learn from the points in common to enhance our cybersecurity.
- Cross-country cooperation is important.

Thank you for listening.

ご清聴ありがとうございました。

¡Muchas gracias!

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