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DASH

Your Dashboard for Autonomous System Health

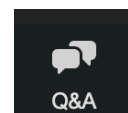*Rapidly track suspicious traffic seen coming from your network*

Sofía Silva Berenguer

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Agenda and House Keeping

- Agenda
  - Who am I?
  - Why DASH?
  - What DASH is NOT
  - Where does the data come from?
  - Use case – DASH helps prevent DDoS
  - Key features
  - DEMO
  - Wrap-up
  - Q&A

- At any time feel free to ask your questions through the Q&A

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Who am I?

- **Product Manager** for the Information Products at APNIC
  - sofia@apnic.net

- Previously at APNIC: → I like playing with numbers!
  - Internet Data Scientist

- Even before that:
  - Security and Stability Specialist at LACNIC
  - Networks and Security Engineer at LACNIC → I like networks and Internet stuff!
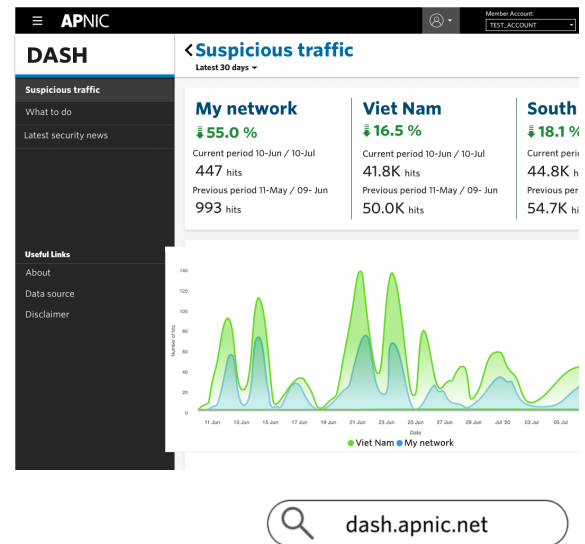 - Hostmaster & Policy Officer at LACNIC

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Why DASH?

Contribute to a more stable and secure Internet

Rapidly monitor suspicious traffic going out of your network

Receive support for taking action

dash.apnic.net

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What DASH is NOT

- DASH is not a **Network Monitoring System**

- DASH is not an **inbound traffic** monitoring tool

- DASH is not a **defense mechanism** from incoming attacks to your network

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Where does the data come from?

- DASH collects data from **more than 60 honeynet sensors** spread across **more than 15 economies in the Asia Pacific.**

- These sensors have been deployed as part of the **APNIC's Community honeynet project**.

- **National CERTs/CSIRTs** can reach out if they are interested in the malware or compromised hosts related **feeds**

  - project@honeynet.asia
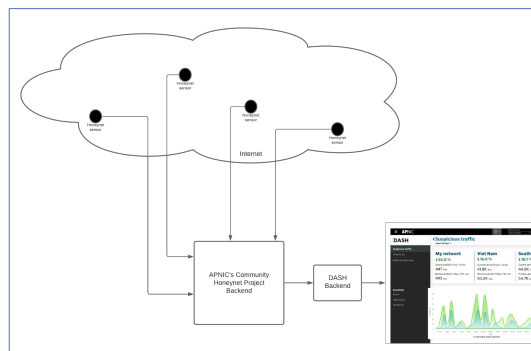
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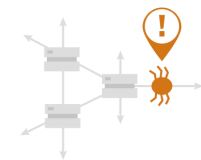
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Use Case - DASH Helps Prevent DDoS

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Key Features

- **Monitor suspicious traffic**
  - Offending Prefixes and IP addresses
  - Compare (and benchmark) your network with others

- **Report the situation on your network**
  - Generate a situation awareness report
  - Compare daily number of hits

- **Get support**
  - Read security news and announcements
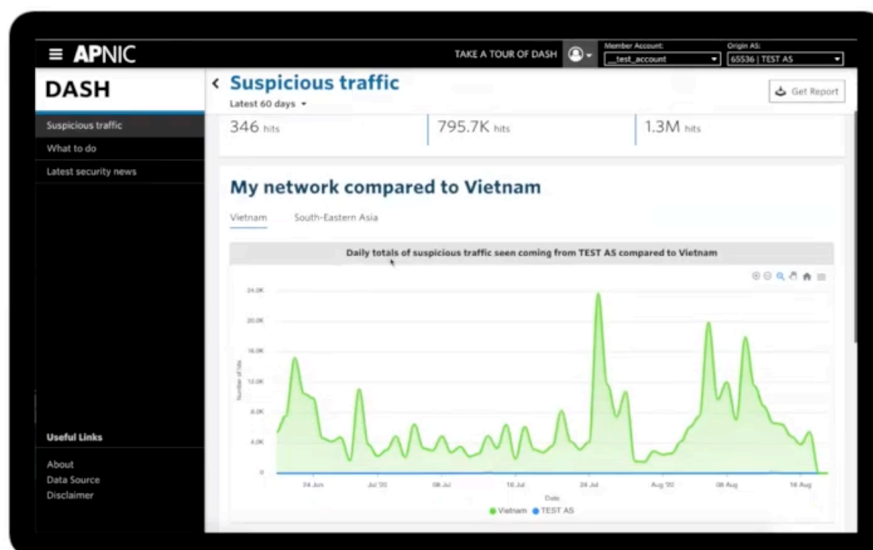 - Request additional insights

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Demo time!

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If we haven't seen any suspicious traffic coming from your network...

- You will see an informational message
  - This doesn't mean that nothing is happening in your network
  - Just that **our sensors** haven't seen anything

> **It seems that your AS is not sending suspicious traffic.**
> Our honeynet sensors have not seen any suspicious traffic coming from your AS for the selected time frame.

- You can still:
  - Get **more information** about the health of your Autonomous System (AS)
  - Learn about **opportunities to enhance your skills** to prevent and mitigate incidents
  - Get the **latest security news**

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BE KIND AND MONITOR YOUR NETWORK

Making the Internet more stable and secure.
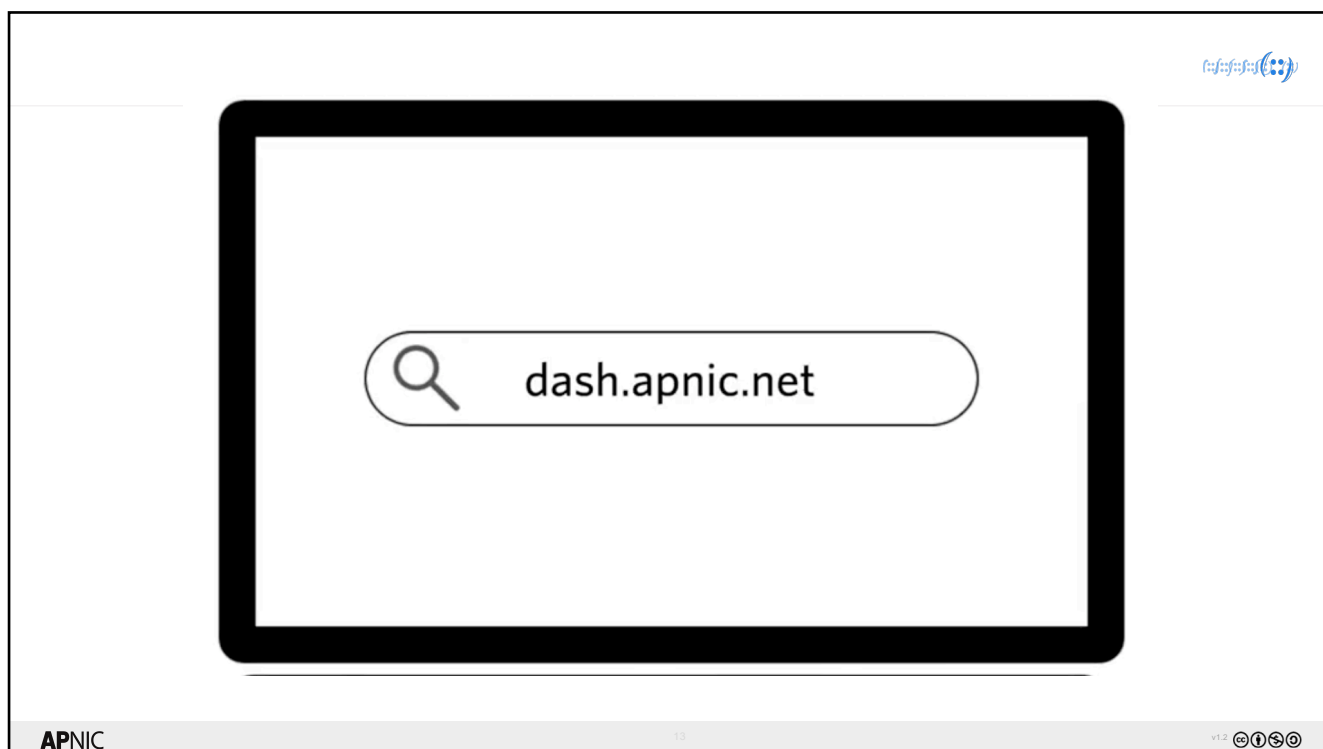
Start using DASH now and keep your users secure.

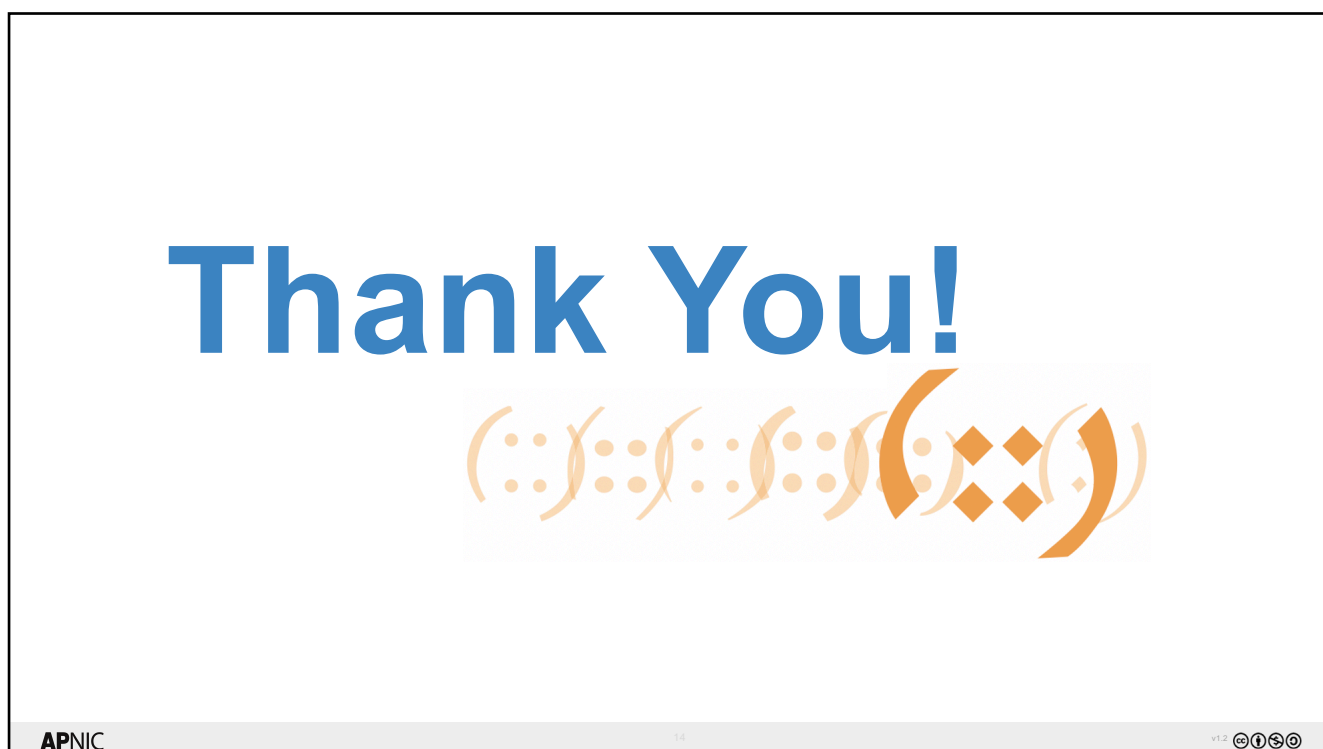**DASH can also help mitigate the impact of an infection on other networks.**

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