LACNIC 27 Opening Panel – The Internet of the Future: Its Evolution over the Next 10 Years
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Cybersecurity and Online Trust in 10 Years?
Two Possible Scenarios

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The IoG (Internet of Gangsters)

How do we get there?

• ASNs continue to worry about the attacks they receive
• Vendors don’t focus on Secure Software Life Cycle
  – “someone” will secure the devices
  – the sysadmin should secure the device (even if there are hardcoded credentials)
• The “deploy and forget” mindset continues

The outcome

• Attackers will have all “firepower” they need, just by abusing IoT and misconfigured devices
• Hold the Internet for ransom will be even easier
  – Extortion will rise (DDoS, ransomware, data leaks)
• The Internet is a hostile environment
The IoC (Internet of Community)

How do we get there?

• ASNs will increasingly worry about the **attacks** they **generate**

• Vendors **do** focus on Secure Software Life Cycle
  - hardened by default
  - most vendors have a PSIRT (Product Security Incident Response Team)

• All devices have the ability for updates (including firmware)

The outcome

• Fewer misconfigured networks and devices

• Hard to get hold of firepower for DDoS and other attacks

• The Internet is a trusted environment
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