WHEN THE SECRETARY OF STATE SAYS: “PLEASE STOP HACKING US…”

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Real-Time Cyber Attack Map

Figure: Live attack map sample from September 8, 2014. Norse Corporation. See the current live cyber attack map on your smart phone or computer: http://map.norsecorp.com/
Figure: On June 19, 2014, a massive distributed denial of service (DDoS) attack appears to originate from China and shut down Facebook that afternoon for half an hour. Youtube.
United Nations General Assembly
U.S.-China Strategic and Economic Dialogue
Australia-U.S. Ministerial Meeting
Cyber diplomacy

Key points:
- Insight on senior bilateral dialogues
- Attribution problem
- Disclosure dilemma
- Recommendations for white hat hackers, private companies, and the U.S. government
Cyber weapons and cyber espionage

- Politics
- Economics
- Military
Types of dialogues

- Senior level discussions
- Subject matter expert talks
- Intelligence-policy hybrid talks
Cyber as topic in diplomacy

How does cyber security become a topic?

- News
- Intelligence sources
- White House, Pentagon, State leads
- Stakeholder office edits and clears
- Desk officer
- Precedence
Roadblocks in senior dialogues

- Attribution problem
- Disclosure dilemma

Figure: U.S. hit by 5840 attacks within a 45 minute span around June 2014.
The “5 Ws” plus “how”

- Political science and area studies
- Technical skills
## State versus non-state actors

<table>
<thead>
<tr>
<th>State actor targets state actor:</th>
<th>State targets non-state actor:</th>
</tr>
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<tbody>
<tr>
<td>Allegedly Stuxnet</td>
<td>Sony hack due to “The Interview” movie</td>
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<tr>
<td>Non-state actor targets state actor:</td>
<td>Non-state actor targets non-state actor:</td>
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<td>Target, Home Depot hacks</td>
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Classic scenario

- The Secretary of State says to his or her foreign minister counterpart: “Please stop hacking us...”
How we can do better

- Problems with private companies disclosing hacks.
- Governments and the attribution problem, and the government-to-government disclosure dilemma.
- Governments and norms
Thinking like a cyber diplomat

- Senior bilateral dialogues
- Attribution problem
- Disclosure dilemma
- Recommendations
Appendix:

- Source: Softpedia.com