

Question 1: Compare Notes and Agree on the Key Points Incident: _____

Share your pre-class notes. Use the readings to resolve discrepancies and questions. Agree on the following as a group; brief bullets are enough.

- 1.1. What are the **two or three most important points** about your incident? Include how cryptography was involved and what went wrong.

- 1.2. What did your group clarify or correct after comparing notes? If something remains unclear, identify it.

Question 2: Build Your Shared Slides Work together in the **collaborative Google Slides presentation**. Find your group's assigned slide(s) and prepare your portion of the explanation:

- **Odd-numbered groups: What happened and how?** Explain what was supposed to be protected, how the failure happened, and its consequences. Use a simple diagram or concrete example.
- **Even-numbered groups: Response and lessons.** Explain what was done (or could be done) to address the failure and why it helps. Identify a limitation or remaining risk, and end with a lesson that applies beyond this incident.

Aim for **1–2 slides and about two minutes per group**. Put your explanation on the slides; you do not need to copy it onto this sheet.

- Explain the crypto connection in terms your classmates can understand. If we haven't gotten to a particular crypto topic in class yet, feel free to use online resources to learn about it, but don't assume your classmates have that knowledge yet. For example, for Hugging Face, include the agents' use of signatures and the limits of that approach.
- Link your sources on the slides. Distinguish confirmed events from possible consequences and your group's proposed defenses.
- Choose who will present (preferably someone who didn't present for WA2) and rehearse once.

Your group's one-sentence takeaway:

Question 3: Follow Along with the Presentations Record brief notes for each incident, combining the odd and even groups' explanations. Complete your own incident's row too.

Incident	What failed, and why did it matter?	What response or security lesson should we remember?
Debian OpenSSL (2008)		
Heartbleed (2014)		
Zoom (2020)		
GitHub SSH key (2023)		
Microsoft AI / SAS token (2023)		
Hugging Face (2026)		

Question 4: Connect Two Cases What common security lesson connects two of today's incidents? Name both and use one detail from each. Answer in 2–3 sentences.