

Attacking a Virtual Private Network (3e)

Network Security, Firewalls, and VPNs, Third Edition - Supplemental Lab 04

Student:

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Time on Task:

1 hour, 52 minutes

Progress:

100%

Report Generated: Saturday, July 26, 2025 at 2:12 PM

Section 1: Hands-On Demonstration

Part 1: Observe a Social Engineering Attack

10. Make a screen capture showing the **entire travel itinerary for Marina and Rita**.

travel.pdf - Adobe Acrobat Reader DC

File Edit View Window Help

Home Tools

travel.pdf x

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vWorkstation

2025-06-17 05:22:34

Jalen Salgado

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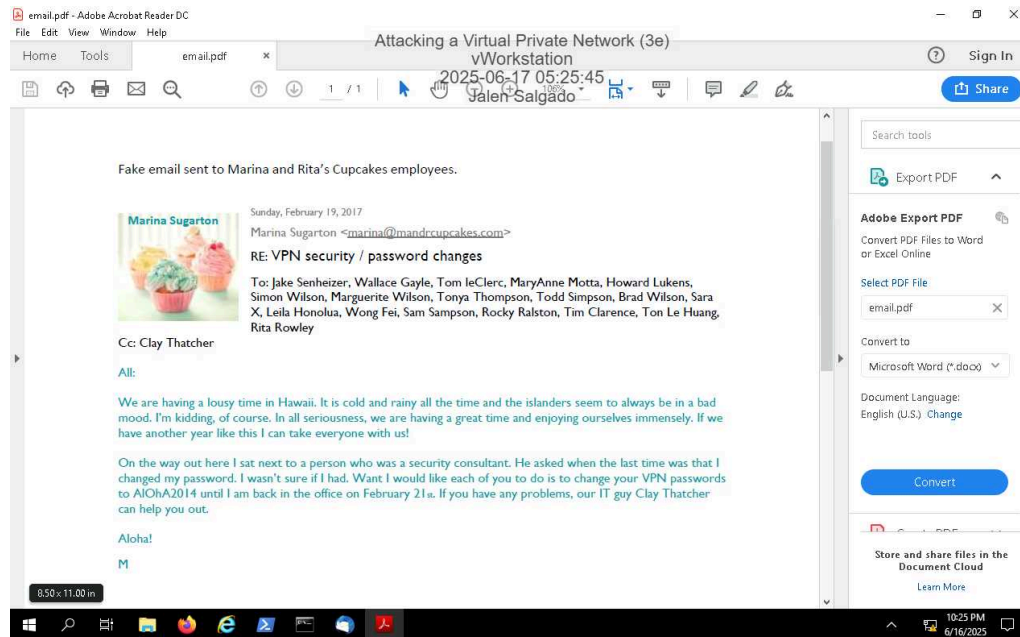
Paradise Airlines ITINERARY for Marina Sugarton and Rita Sugarton

Date	Details	Class	Notes
15 Feb 2016	PAR 2120 Leave Cleveland (CVG) 6:28 am – Arrive Atlanta (ATL) 8:02 am	FIRST	Snack service.
15 Feb 2016	PAR 523 Leave Atlanta (ATL) 10:02 am Arrive Los Angeles (LAX) 12:17 pm	FIRST	Lunch service. Snack service.
15 Feb 2016	PAR 4301 Leave Los Angeles (LAX) 1:43 pm Arrive Kahului (OGG) 4:08 pm	FIRST	Lunch service. Snack service.

Date	Details	Class	Notes
20 Feb 2016 To 21 Feb 2016	PAR 4302 Leave Kahului (OGG) 7:28 pm – *** OVERNIGHT FLIGHT *** Arrive Los Angeles (LAX) 5:10 am	FIRST	Snack service. Breakfast service.
21 Feb 2016	PAR 227 Leave Los Angeles (LAX) 7:08 am Arrive Atlanta (ATL) 3:15 pm	FIRST	Lunch service. Snack service.
21 Feb 2016	PAR 194 Leave Atlanta (ATL) 4:22 pm Arrive Cleveland (CVG) 6:07 pm	FIRST	Lunch service. Snack service.

Paradise Flyer Priority: Marina Sugarton 2049532233, Rita Sugarton 2042394211

16. Make a screen capture showing Marina's email.



Part 2: Craft a Spear Phishing Email

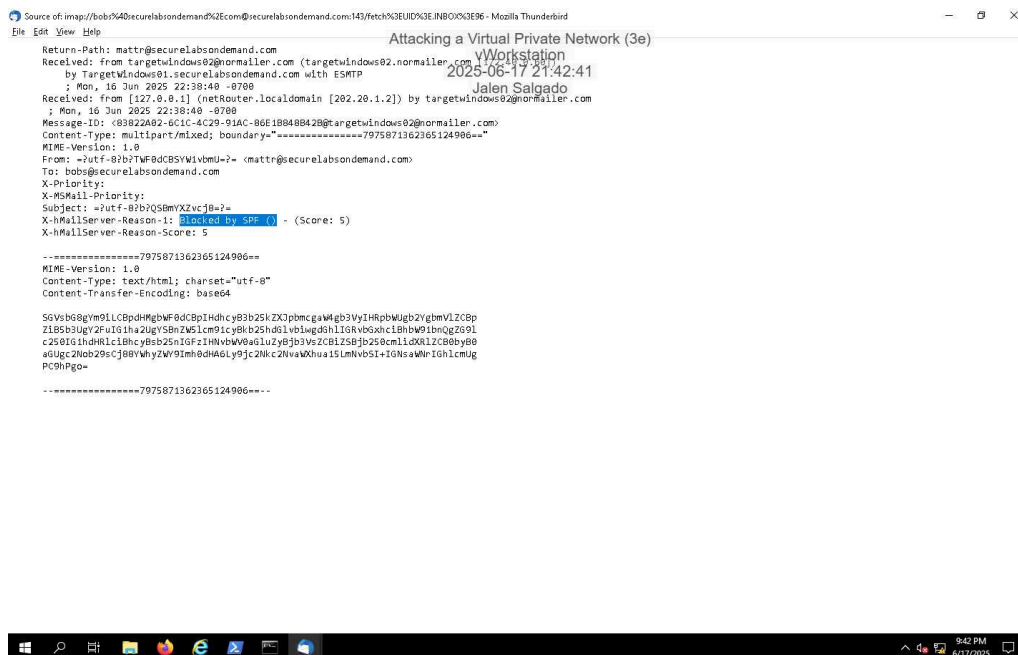
4. **Describe** your favorite scam email or an example of a scam email that you have received in the past.

the netflix one, i get similar ones comapred to the game i play people want to hack my account and take the items off of it

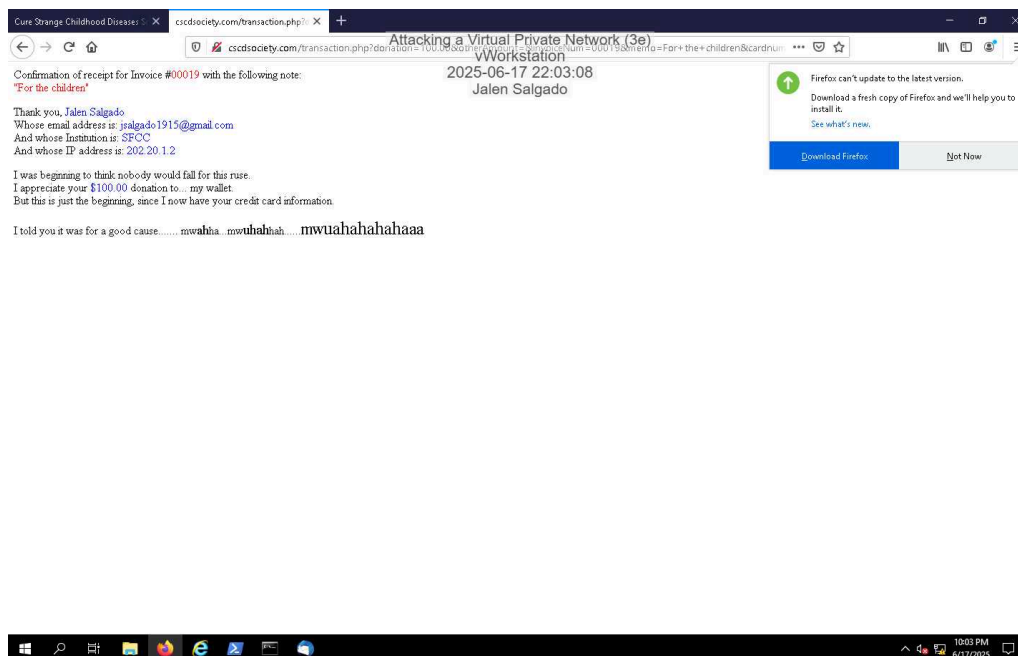
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33. **Make a screen capture** showing the ***Blocked by SPF*** message in the email headers.



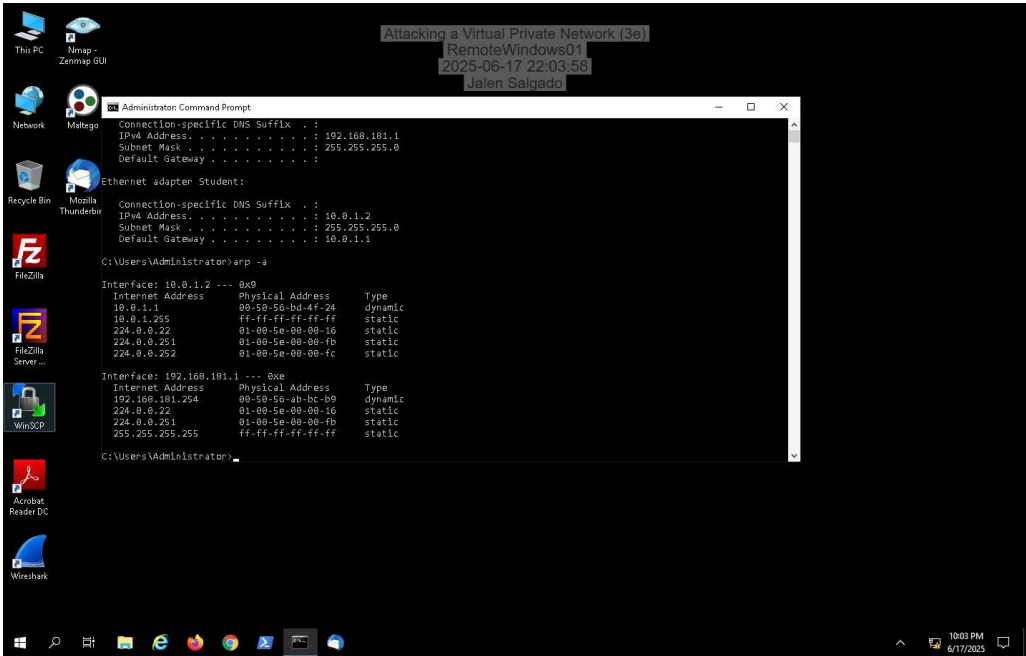
43. **Make a screen capture** showing the **transaction.php** page in the browser.



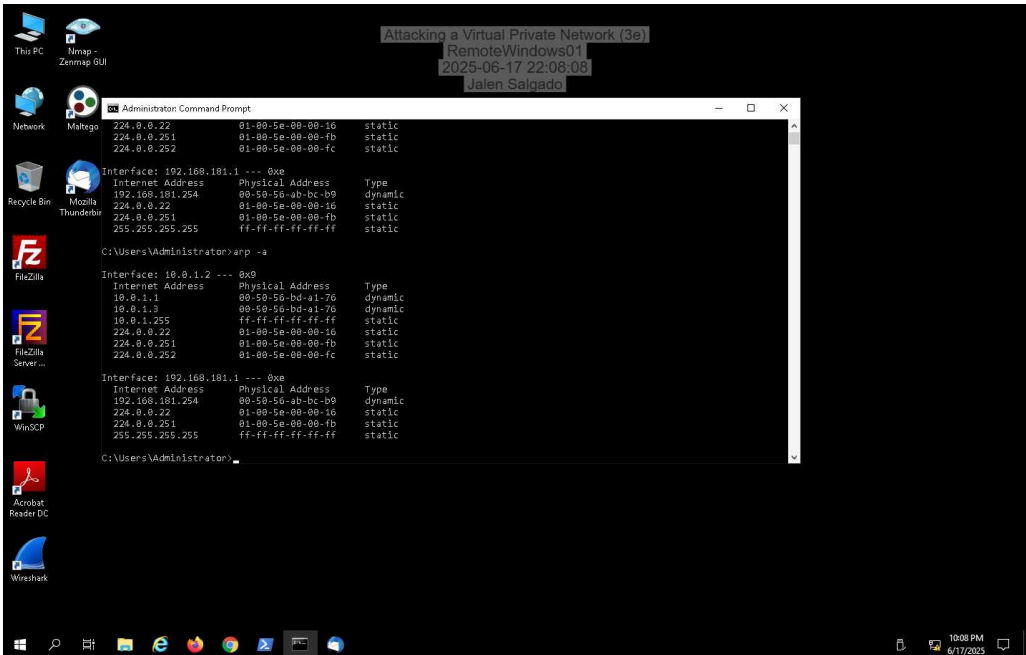
Section 2: Applied Learning

Part 1: Perform a Man-in-the-Middle Attack

5. Make a screen capture showing the RemoteWindows01 ARP table.

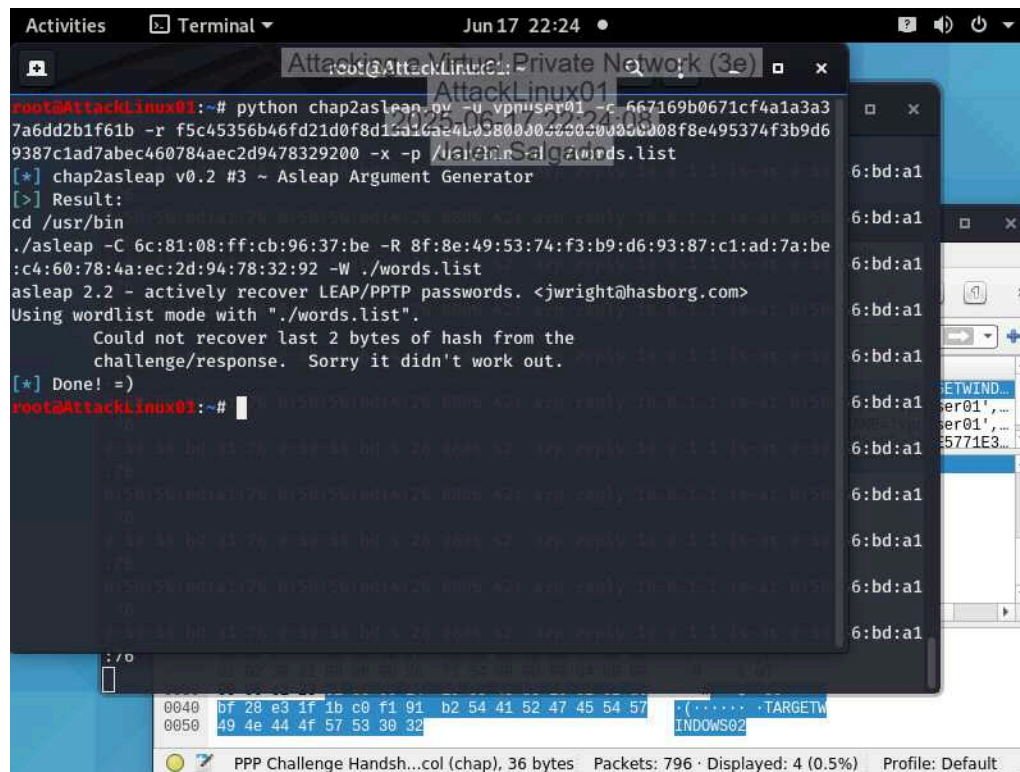


17. Make a screen capture showing the RemoteWindows01 ARP table after the ARP poisoning.



Part 2: Crack a VPN Password using Captured Packets

12. Make a screen capture showing the cracked VPN password.



Section 3: Challenge and Analysis

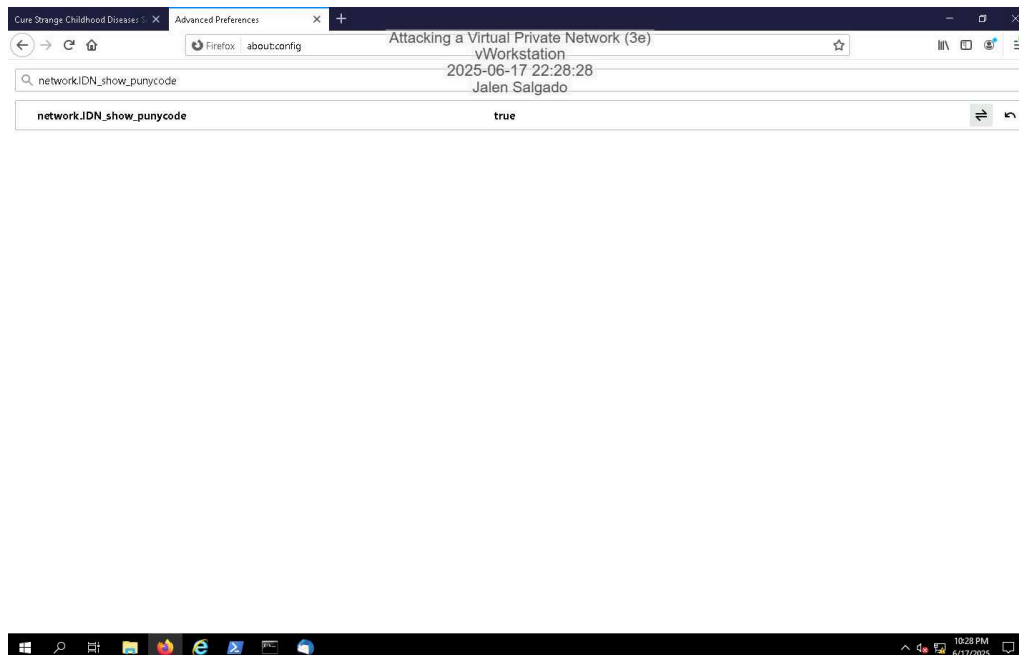
Part 1: Recommend Additional Spam Filtering Mechanisms

Describe the role of the DKIM and DMARC in a mailing infrastructure, and how these implementations help to prevent email forgery. Use the Internet to perform your research on these mechanisms.

adds a digital signature to each email that proves it really came from the domain it says it did. It helps receivers know the email wasn't changed after being sent. DMARC works with DKIM and SPF to tell receiving mail servers what to do if an email fails those checks like reject it or mark it as spam. It also sends reports to the domain owner so they can track and fix issues. Together, DKIM and DMARC make it harder for attackers to fake emails from a company's domain.

Part 2: Enable Punycode Translation in Firefox

Make a screen capture showing the **enabled Display Punycode setting in Firefox**.

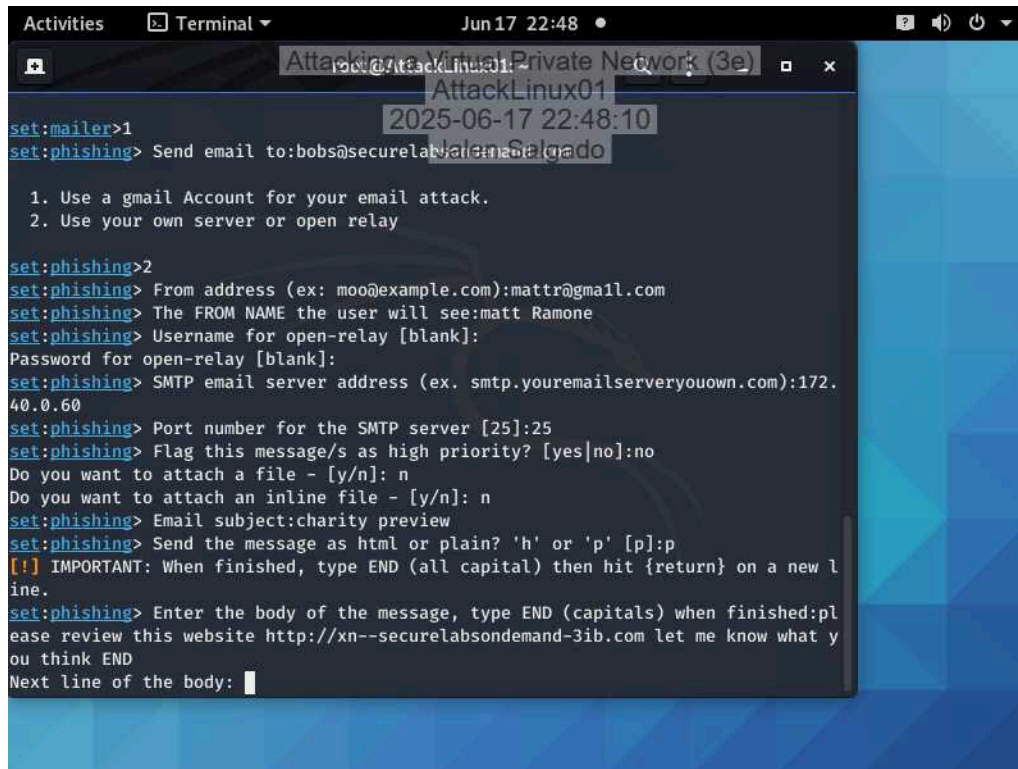


Part 3: Perform a Phishing Attempt to Test User Security Awareness

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Make a screen capture showing the email message headers in Thunderbird.



Make a screen capture showing the Punycode displayed in the Firefox web browser.

