

Cybersecurity

Fundamentals to help you
stay safe online



10/30/25
Steve Jones, President
Signal Hill Technologies

Some universal truths in cybersecurity

- Anything can fail
- Anyone can make a mistake
- Security and functionality will always be at odds
- Complexity invites risk
- Cybercrime pays



Important cybersecurity concepts

- DNS
- Encryption/PKI/CAs
- Web apps and browsers
- Credentials and auth tokens
- Threat actors and threat intelligence





Common scams/campaigns

- Employer scam (direct deposit, new hire)
- Employee/job seeker scams
- Tech support scams
- Phishing – DocuSign, voicemail
- Romance/imposter scams

(AI is making it easier for criminals to seem legit!)



2025 Agreement – Finalized for Client Confirmation

 customer1@b-forum.net
To  Steve Jones

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Suspicious domain names

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Report Phishing

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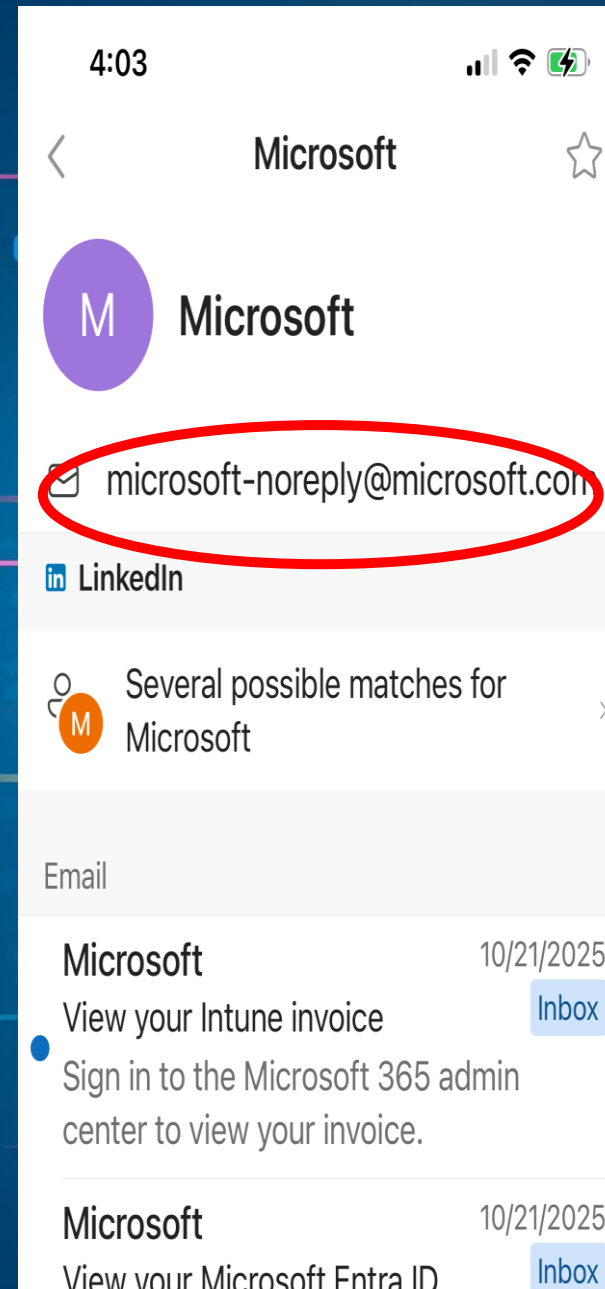
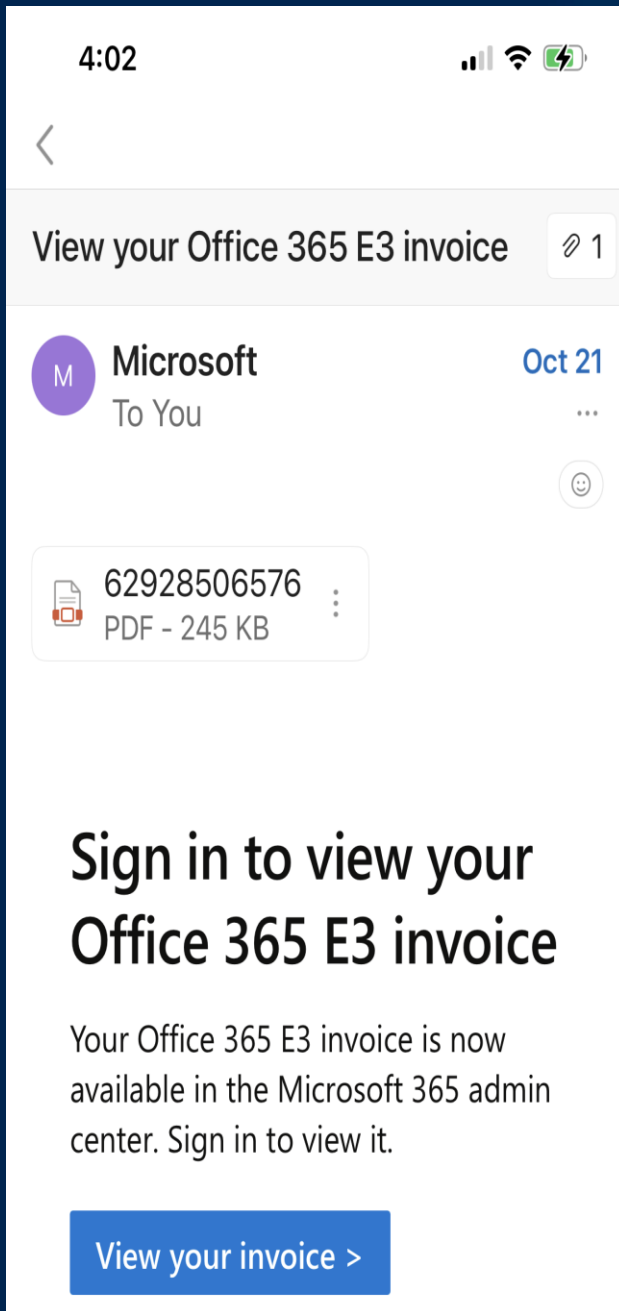
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General

Details

Issued To

Common Name (CN)	www.ameriserv.com
Organization (O)	<Not Part Of Certificate>
Organizational Unit (OU)	<Not Part Of Certificate>

Issued By

Common Name (CN)	WE1
Organization (O)	Google Trust Services
Organizational Unit (OU)	<Not Part Of Certificate>

Validity Period

Issued On	Saturday, October 25, 2025 at 10:18:13 PM
Expires On	Friday, January 23, 2026 at 10:18:05 PM

SHA-256 Fingerprints

Certificate	d7625c53c50d871139397e24957aea03d7651f8c47ec73ec9b2406fad7d f5554
Public Key	3f1bfc0a4e989d166654c40bd3240190ea838291b339ae09ade3705420 685954

What to do?

1. Prevent

- Use MFA
- Use unique, strong passwords
- Haveibeenpwned.com
- Patch, harden
 - Windows Update
 - Mac Software Update

2. Detect

- Be vigilant, know what to look for
- Credit monitoring
- Fraud alerting

3. Respond

- Internet Crime Complaint Center ([ic3.gov](https://www.ic3.gov))
- Better Business Bureau Fraud Tracker bbb.org/scamtracker



Questions?



Contact us:
Steve Jones
President
info@signalhill.tech
<https://www.signalhill.tech>

