



FISSEA Security Awareness, Training, & Education Contest

Entry Form

Please review rules before completing entry form including the due date. No late entries will be accepted. E-mail entries to fissea-contest@nist.gov.

Name of submitter: Shelly Tzoumas

Organization: US House of Representatives

Type of Entry:

Awareness: there are four categories in this area: Poster, Motivational Item (aka: trinkets - pens, stress relief items, t-shirts. etc.), Website, Newsletter

Training & Education: there is one category for this area: Interactive scenario/exercise

Training

Title of Entry: Phishing Day

Description of Entry:

Animation

The House receives 675,000 email messages each day. With such a large number of constituents contacting House members; Phishing is a real threat. In order to teach how cyber criminals are conducting their nefarious business; the House created the animation Phishing Day. Phishing Day features the centerpiece of our message campaign: Mal Ware. It teaches how spear phishing is used in advanced persistent threat scenarios. By illustrating in an entertaining way – House staff learn how their simple actions on-and off- the House campus affect information security for their Member of Congress. This scenario incorporates open source intelligence, spear phishing, and advanced persistent threat. The animation is used during in-office training sessions and is available on the Information Security Office microsite.



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I might check up on Facebook, fishing for a specific person. If you work somewhere interesting—like the House—I check out your Facebook page to see what you “like.”

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facebook



Jane Dandelion



Yay! I can't believe it is Friday!
Who wants to get together and
make a cake?

Friends



Steve



Joan



Bob

Employer:

- U.S. House of Representatives

Likes:

- Cakes
- Politics

I spend some time getting to know you, clicking through your favorite websites and reading your posts. Then I cast my line into the waters you find most interesting. Since you like cakes, well ...

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Hi Jane. I saw your posts on Cake Fan, and I like what you had to say. Want to exchange recipes? Check out my cake website to see what I do!
www.definitelynotmalware.com - Mamma Cake

Can you believe what Bob Blowhard said on the Daily Show last night!!! Click this link to see the clip!
www.nomalwarehere.com - Angry Voter

Once we sense the time is right, we bait the hooks. Check this out:

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Can you believe what Bob Blowhard
said on the Daily Show last night!!!
Click this link to see the clip!

www.nomalwarehere.com

Angry Voter

Check out my cake website to see
what I do!

www.definitelynotmalware.com

Mamma Cake

Look at that! You are taking the bait! And we've got you ... hook, line, and sinker!

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In fact, all we have to do is build a back door into your computer ... So my hacker friends can use your computer to evade security controls and get access to your network. I hate to tell you, but it wasn't you we were after. We're looking for a bigger fish.

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Now that we are in, we disguise ourselves as "important people" and use your network access to look for sensitive or valuable House data.

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Once we get what we need, it's time to close up shop. But I am a good guest, and make sure to clean up every trace of my visit. My buddies are leaving, but I am going to stay behind and hold the door just in case they feel like coming back for seconds.

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The best thing is, we got all these files with your help. If you hadn't taken our bait, we could never have gotten into your network. Thanks! We'll be sure to remember you the next time we want to do a little fishing.

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The threats from malware and other threats to information security are real. Our organization invests in some of the best security protections available to detect and eliminate this type of threat. With your help, we can keep the House's information safe and secure.



Common Phishing Tactics



Your Best Protection

Replay

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