Ichthyology: Phishing as a Science
@tetrakazi
Let's talk.
Dear Sir,

I would like to offer you a large sum of money...
<table>
<thead>
<tr>
<th>System 1</th>
<th>System 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fast</td>
<td>Slow</td>
</tr>
<tr>
<td>Instinctive</td>
<td>Methodical</td>
</tr>
<tr>
<td>Emotional</td>
<td>Rational</td>
</tr>
<tr>
<td>Gullible</td>
<td>Skeptical</td>
</tr>
</tbody>
</table>
Information Overload
Action  Exploit  Credential
Hook

Phishing site

Trail out
[Slack] Email verification enabled

Slack <no-reply@slack.com>

to me

---

**Email verification enabled**

Your team administrator at **Stripe** has enabled email verification for your team.

[Verify your email](https://slack.com/z-sso-3957295028-4967528491-xx30297693)

You'll need to verify your email address before you can continue using Slack.

All you need to do is connect your Slack account to your email. You can do that right now at this link: [https://slack.com/z-sso-3957295028-4967528491-xx30297693](https://slack.com/z-sso-3957295028-4967528491-xx30297693)

That's all, thanks!

- Team Slack
Single sign-on enabled

Your team administrator at **Stripe** has enabled Single sign-on (SSO for short!) for your team.

Authenticate your account

What does this mean for you?

1. You’ll no longer need to remember a separate Slack email address and password to sign in.
2. Now when you sign in to Stripe, you can do so using your SSO account.

All you need to do is connect your Slack account to your SSO account. You can do that right now at this link: [https://slack.com/z-sso-2151146308-3268585021-zzw15NyOWO](https://slack.com/z-sso-2151146308-3268585021-zzw15NyOWO)

That's all, thanks!
– Team Slack
[Slack] Single sign-on enabled

Slack <no-reply@slack.com> to me

Single sign-on enabled

Your team administrator at Stripe has enabled Single sign-on (SSO for short) for your team.

Authenticate your account

What does this mean for you?
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That's it, thanks!
- Team Slack

[Slack] Email verification enabled

Slack <no-reply@slack.com> to me

Email verification enabled

Your team administrator at Stripe has enabled email verification for your team.

Verify your email

You’ll need to verify your email address before you can continue using Slack.

All you need to do is connect your Slack account to your email. You can do that right now at this link: https://slack.com/k-ss-3907265628-497559489-7x450297503

That's it, thanks!
- Team Slack
One of your organizations has blocked access for SSH keys created by untrusted third-party applications. If you created and imported this key yourself, you can approve it for access to your organization repositories. You will not be able to commit using this key until it is approved. If you have any doubts about this key, you should delete it and upload a new one.

Get help verifying fingerprints.

karla@stripe.com
Last used on Feb 18, 2015
Plaintext or HTML
SSH keys

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

karla@stripe.com
Last used within the last 7 days

Check out our guide to generating SSH keys or troubleshoot common SSH Problems.

GPG keys

There are no GPG keys with access to your account.

Learn how to generate a GPG key and add it to your account.
Science
Secure https://us-east-1.signin.aws.amazon.com/oauth?SignatureVersion=4&X-Amz-

AWS SUMMIT
San Francisco

View the latest product announcements from the AWS Summit – San Francisco

LEARN MORE >

Secure https://us-east-1.console.awssignin.com/oauth?SignatureVersion=4&X-Amz-

AWS SUMMIT
San Francisco

View the latest product announcements from the AWS Summit – San Francisco

LEARN MORE >
What now?
Authentication Factors

Have
Know
Are
Client certificates
U2F
Single Sign On
Panacea?
Hi Karla

Google Docs would like to

Read, send, delete, and manage your email

Manage your contacts

By clicking Allow, you allow this app and Google to use your information in accordance with their respective terms of service and privacy policies. You can change this and other Account Permissions at any time.

DENY  ALLOW
Hey folks,

In the lead up to Q3 we decided to review our compensation policy to bring us in line with the rest of the market. Over the last several weeks we’ve solicited feedback from across the company and the industry, and will be adjusting our internal compensation accordingly.

These changes will take effect at the beginning of Q3.

View
Hi Karla

Quip would like to

- Read, send, delete, and manage your email
- Manage your contacts

By clicking Allow, you allow this app and Google to use your information in accordance with their respective terms of service and privacy policies. You can change this and other Account Permissions at any time.

DENY  ALLOW
So, phishing?

• Forbidding phishing in red team exercises is sticking your head in the sand.

• Phishing training is ineffective, because you're likely to fall for phishing emails too.

• But there are technical solutions that prevent or mitigate many types of phishing - use them!
Questions!

@tetrakazi
karla@stripe.com