Security & Today’s Technology Challenges

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Joe Smysor
If your computer or account was hacked what would be compromised?

Documents Contacts Photos Other Passwords Emails Texts
Editing Rights to Your School Website Student Information
Smart Locks Smart Garage Door Opener Smart Cars
What information about our students is on our devices that needs to stay private?

- Name, Address, SSN, Date of Birth, Phone Number
- Device specific static identifier (ex: IP Address, UDID)
- Logs of user actions
- Financial, Employment or Location data
Umbrella and Cloudlock provides us: 
Incident Risks

Policies with most incidents
New & In progress, updated 8:00 AM

<table>
<thead>
<tr>
<th>Policy</th>
<th>Incidents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Plans (High Exposure)</td>
<td>728</td>
</tr>
<tr>
<td>Classified Information (High Exposure)</td>
<td>289</td>
</tr>
<tr>
<td>Social Security Number</td>
<td>212</td>
</tr>
<tr>
<td>Student PII (High Exposure)</td>
<td>129</td>
</tr>
<tr>
<td>IEP Information (High Exposure)</td>
<td>116</td>
</tr>
</tbody>
</table>
Compromised Accounts
## Most Risky Apps

Review the top 25 risky apps out of 373 risky apps based on their risk level.

<table>
<thead>
<tr>
<th>App Name</th>
<th>Users</th>
<th>Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CitationMachine Plus</td>
<td>6</td>
<td>Critical</td>
</tr>
<tr>
<td>DocHub</td>
<td>4</td>
<td>Critical</td>
</tr>
<tr>
<td>Magic Rainbow Unicorns Slides</td>
<td>4</td>
<td>Critical</td>
</tr>
<tr>
<td>OneLook Thesaurus</td>
<td>3</td>
<td>Critical</td>
</tr>
<tr>
<td>ShapeApp</td>
<td>3</td>
<td>Critical</td>
</tr>
<tr>
<td>Notability</td>
<td>2</td>
<td>Critical</td>
</tr>
<tr>
<td>AudioPlayer for Slides 2.2</td>
<td>2</td>
<td>Critical</td>
</tr>
</tbody>
</table>

## Your Apps by Risk Level

Risk analysis of the apps currently installed in your environment.

![Bar chart showing risk levels](chart)

## Users With Risky Apps

Review the top 25 users with risky apps.

<table>
<thead>
<tr>
<th>User</th>
<th>Critical</th>
<th>High</th>
<th>Medium</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>18</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>15</td>
<td>28</td>
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<tr>
<td></td>
<td>0</td>
<td>14</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>13</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>11</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>12</td>
<td>37</td>
</tr>
</tbody>
</table>

## Peer-Assessed App Risk

The Community Trust Rating of an app reflects how an app has been classified by other organizations.

![Bar chart showing peer-assessed risk](chart)
Phishing & Whaling

- Think before you click
- Be careful with attachments
- Report it to security@usd497.org
Phishing or Legitimate?

Fri 10/6/2017 4:30 AM
PayPal <service@ppal.com>
Your assistance is required - user account restricted

Confirmation needed

Friday, 6th October

Your account has been suspended

Dear customer,

Our security system has detected an unauthorized payment attempt with your PayPal account (redacted). In order to avoid consequential damage, we temporarily restricted your account.

In order for you to be able to pay back online easily with your PayPal account, a confirmation of your data is required. Please click on “Confirm identity” to start the process.

Confirm Identity

Help Contact Security App Offers

This PayPal notification has been sent to [redacted] because you have activated your e-mail settings under "New from PayPal". To change these settings, click here. Changes take effect within ten days.

Copyright © 1999-2016 PayPal. All rights reserved. PayPal is located at 2211 N. First St., San Jose, CA 95131.
Phishing

The sender address is misspelled - ppal.com

This email was not addressed to you. PayPal will always address you by name

PayPal messages do not include links. Hover over the action button to view the underlying URL. The embedded URL does not look like a PayPal website

www.usd497.org
Phishing or Legitimate?

HubSpot Billing <billing@hubspot.com>

Your HubSpot Order

problems with how this message is displayed, click here to view it in a web browser.

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HubSpot

Tyrel Corp
Unit 9830-11 Cider Park Ave
San Jose CA

Hub ID: [Redacted]
Purchase Date: October 30, 2017

Thank you for your purchase.

Visit your account & billing page to manage your invoices, products, and services.

If you have any questions, please contact us at billing@hubspot.com.
This email was correctly addressed to you. Legitimate companies will always address you.

No grammatical errors and a formal tone are hallmarks of a legitimate email.
Additional Resources

- **Educator Toolkit for Student Privacy**

- **Email USD 497 Information Security**
  security@usd497.org

- **Real-time Cybersecurity Map**
  https://cybermap.kaspersky.com/

- **Phishing Test**
Questions?
Cybersecurity Maps