Outline

1. What is a password manager and its benefits?
2. What is the risk of not using one?
3. How is LastPass partnering with U of Pitt?
4. LastPass features and walkthrough.
5. Live demonstration of main features.
6. Additional resources available to you!
Breaches Are All Too Common

80% of breaches are linked to passwords.

7 2019 Data Breach Investigations Report
https://enterprise.verizon.com/resources/reports/dbir/
Password Managers

What is a Password Manager?
A password manager is a service that remembers your passwords, so you don’t have to.

LastPass Password Manager
› LastPass is the leading online password manager used by millions to protect their identity and preserve their sanity.

› LastPass encrypts and decrypts your data locally on your machine and never has the key to your vault.

› LastPass syncs everywhere with support for all browsers, operating systems, and mobile devices.
Why do People use LastPass?

- **Easy-to-use**: LastPass is simply the best way to manage your passwords, and auto-syncs to any device.
- **Secure**: LastPass is designed so only you can access the information in your encrypted vault.
- **Convenient**: LastPass is always there, so you don’t have to remember, type, or create passwords anymore.
Getting Started with LastPass
Creating Your Account

- New users receive an email invite containing a link to create an account.

Existing LastPass users will receive an email asking to move their account to the Enterprise.

Company & LastPass

Hi,

Your company has invited you to join LastPass. Since you already have an account, you can:

1. Use your existing LastPass account to join.
   Depending on the policies your company enables, your administrator could delete your account at any time. If you want to sign up with your existing account, click this link: Activate Your LastPass Account.

2. Create a new LastPass account for company use only.
   If you want to create a new account, click this link: Create a New LastPass Account. After creating your account and logging in, return to this email and click on the following link to complete activation: Activate Your LastPass Account. You can later link your personal account to your company account, but keep your data separate.
Creating a Master Password

• **Long** – Consider using a passphrase
• **Strong** – Use multiple character sets
• **Unique** – Different from previously used passwords
• **Example** –
  
  \textit{ThisisMyI0ngStrong&UniqueP@ssword}
• **Enterprise admins may set up your minimum requirements.**
Exploring the Vault
Adding Passwords
Adding Passwords As You Go
Add Passwords Manually

URL: https://www.linkedin.com/login?trk=guest_homepage-basic_nav-header-signin

Name: Business LinkedIn Account
Folder: Marketing Accounts

Username: idaaslastpass@gmail.com
Password: **************

Notes: 

Save
Importing Passwords

Security Note: To keep your imported data safe, all encryption and decryption is performed locally.
Update Passwords
Generate Secure Passwords
Shared Folders
Measuring Password Security
Security Dashboard

- Audit your passwords
- Take actions to rectify weak passwords
- Monitor email addresses for potential risk
Tips on Improving Your Security Score

• Store all your passwords in LastPass
• Change all passwords to random complex password
• Place an emphasis on length and complexity
• Ensure each password is unique; no reused passwords
LastPass Personal Accounts
## Why have a Personal Account?

<table>
<thead>
<tr>
<th>Feature</th>
<th>Enterprise Vault</th>
<th>Personal LastPass Account (Free)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access Vault from Work Computer</td>
<td>Yes!</td>
<td>Yes!</td>
</tr>
<tr>
<td>Access Vault from Personal Computer</td>
<td>Yes!</td>
<td>Yes!</td>
</tr>
<tr>
<td>Vault contents protected from LastPass</td>
<td>Yes!</td>
<td>Yes!</td>
</tr>
<tr>
<td>Vault contents protected from Admins</td>
<td>No. Admins have activity logs for your Enterprise account</td>
<td>Yes! Admins have zero insights into your personal vault</td>
</tr>
<tr>
<td>You keep your vault if/when you leave</td>
<td>No. The enterprise vault is disabled</td>
<td>Yes! These vaults are separate.</td>
</tr>
</tbody>
</table>
Families as a Benefit

- Up to 6 Family members
- Share what you want, with who you want within the Families account
- Detect compromised personal accounts
- Cross-platform access to LastPass
- Easy to set up!
Resources

- [LastPass Support Site](#)
- [Visit Embark - LogMeIn's](#)
  customer Training portal
- [End User Toolkit](#)
Thank You!