



HARVARD UNIVERSITY
Information Technology

IAM Lunch & Learn: Multifactor Authentication



August 19, 2015

Wednesday

12:00-1:00 p.m.

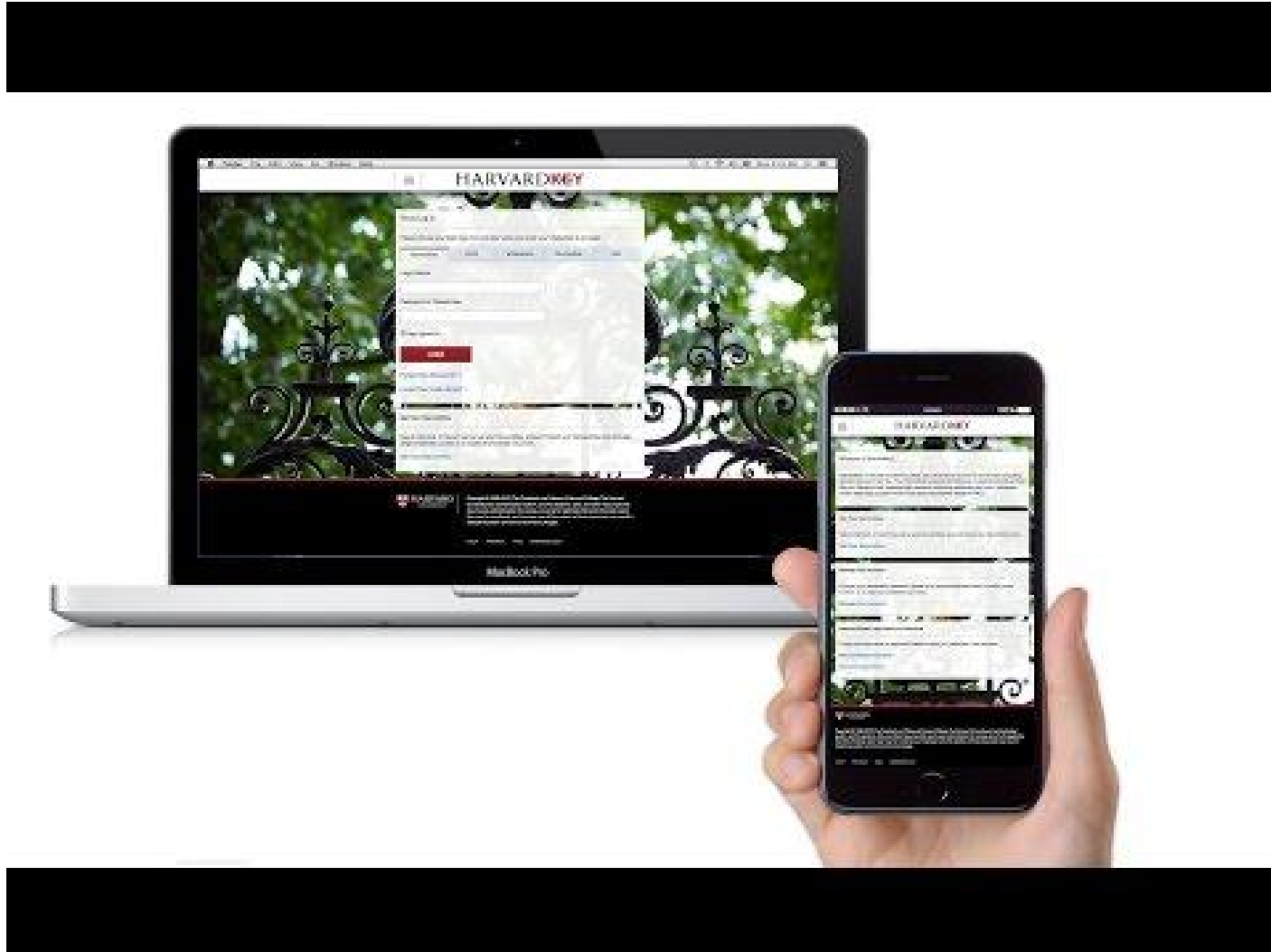
6 Story St, First Floor

Today's Agenda

- Authentication: Who Are You?
- Authentication: The Challenges
- What Reliable Options are Available?
- Multifactor Authentication in HarvardKey
- Demo: Multifactor Authentication Using Duo
- IAM's Summer Lunch & Learn Series
- Q & A

Introduction: Video

HARVARDKEY



Authentication: Who Are You?

- The process of verifying a person's identity
- Answers the question "Who are you?"
- Often confused with **authorization**, which answers the question "What are you allowed to access?"
- Usernames and passwords are the most common method of authentication

Authentication: The Challenges

- Computers are not all that good at definitively identifying a specific person
- People are better at it – in a social situation, we are attuned to a myriad of clues that help us determine whether someone is who they say they are
- For example ...

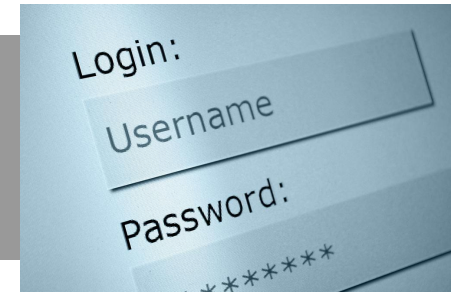
What's So Bad About Passwords?

- Asserting your account identity is largely based on something you know — in this case, a password
- What if someone else knows it, too?
- Much of our basic personal information is can be found with online search engines or on social media



Option: Provide Additional Factors

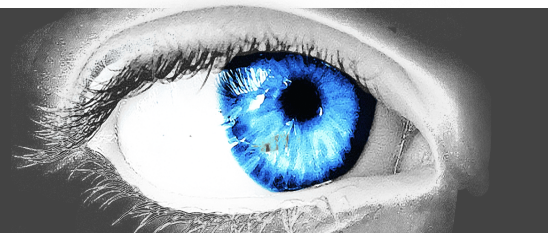
Something you know



Something you have



Something you are



Multifactor Authentication in HarvardKey

- Multifactor authentication using Duo Security will be available at time of HarvardKey introduction
- Participation is option per user for web applications
- But, some applications may require multifactor authentication for access in the future

Demo: Multifactor Authentication Using Duo

- Setup Duo Multifactor
- Login to an MFA application
- What if you forget your phone?
- Q & A

[Demo Application](#)



IAM Summer Lunch & Learn Series

HarvardKey [presentation online]

- August 12

POI Sponsored Affiliations [presentation online]

- August 5

Provisioning

- August 26

Sign up online for our last sessions — and encourage your colleagues to attend, too!

iam.harvard.edu/lunch-and-learn



Identity & Access Management

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Questions?

Learn more at iam.harvard.edu

Contact us at iam@harvard.edu

Thank you!

