What is DUO?

DUO is an easy to use, two factor authentication solution to protect you and University Data!

DUO is developed by DUO Security (www.duosecurity.com)

Texas A&M University System has purchased system-wide license for DUO. You may have already used it at TAMUS Single Sign-on - SSO.TAMUS.EDU

Key Dates for DUO Rollout:

Volunteer Opt-in: Enroll me in for DUO – Until: November 6th, 2017

Campus-wide Rollout: November 6th, 2017

All users will be required to use DUO to access webmail and VPN after November 6th, 2017

Single Factor Authentication

Identification: Who you are. Example: Username

Authentication: Prove who you claim to be. Example: Password

In English: Enter Username & Password to login

Concerns with Single Factor Authentication:

Passwords are becoming increasingly easy to compromise. They can often be stolen, guessed, and hacked

Phishing is one of the most common ways to compromise passwords

Once an attacker has compromised your password, they can get access to your Banner Account, Email, SSO, etc.

Two/Multi-Factor Authentication

Identification: Who you are. Example: Username

Authentication: Prove who you claim to be. Example: Password

Second Authentication Factor: Confirm it is you. Example: via SMS, Call

In English: Enter Username, Password – confirm it is you (SMS, mobile app, call) trying to login

Two factor authentication adds a second layer of security to your account. If your password is compromised, attackers will not be able to access your account, and you will be notified as soon as they attempt to login.

Why DUO/Two Factor Authentication

True Story:

- *User account gets compromised by phishing attempt*
- *Attackers entered SSO.TAMU.EDU using stolen credentials*
- *Changed bank routing number to their account*
- *Employee's paycheck was sent to their account, which was closed by the time of investigation.*

<u>If the user had DUO enabled, it would have alerted him/her to confirm login – attempt averted!</u>

DUO – Short Video
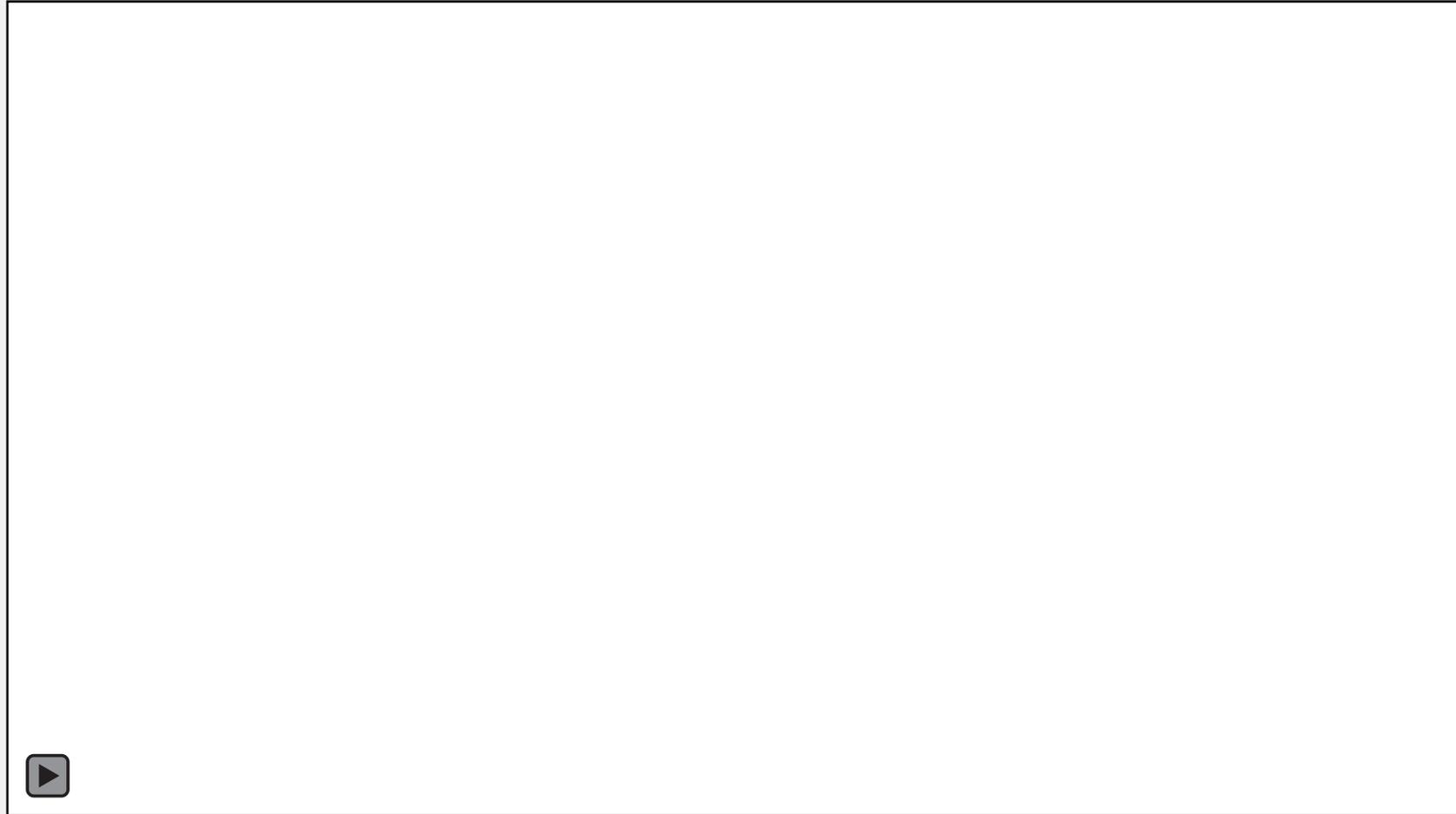
Click on the Play button ▶ above

DUO @ PVAMU

PVAMU will be utilizing DUO to enable two factor authentication on several Information Technology Resources

Phase I: DUO will be deployed for

- webmail.pvamu.edu (OWA – online webmail)
- Virtual Private Network (VPN)

Key Dates for DUO Rollout:

Volunteer Opt-in: Enroll me in for DUO – Until: November 6th, 2017

Campus-wide Rollout: November 6th, 2017

All users will be required to use DUO to access webmail and VPN after November 6th, 2017

Get Started!

- Go to www.pvamu.edu/DUO & click on Enroll me in for DUO

- Choose your primary authentication method. The most common and convenient is your smartphone.

  - *Other options include: hardware token, voice phonecall, SMS text messages, and pre-printed one-time codes.*

Get Started – with Smartphone

- Once Information Technology Services receives your enrollment, allow two days to utilize DUO

- Download DUO app onto your smartphone

- Upon login (webmail & VPN), you will receive the screen below,

Choose an authentication method

Duo Push RECOMMENDED — Send Me a Push

Call Me — Call Me

Passcode — Enter a Passcode

What is this?
Add a new device
My Settings & Devices
Need help?

Powered by Duo Security
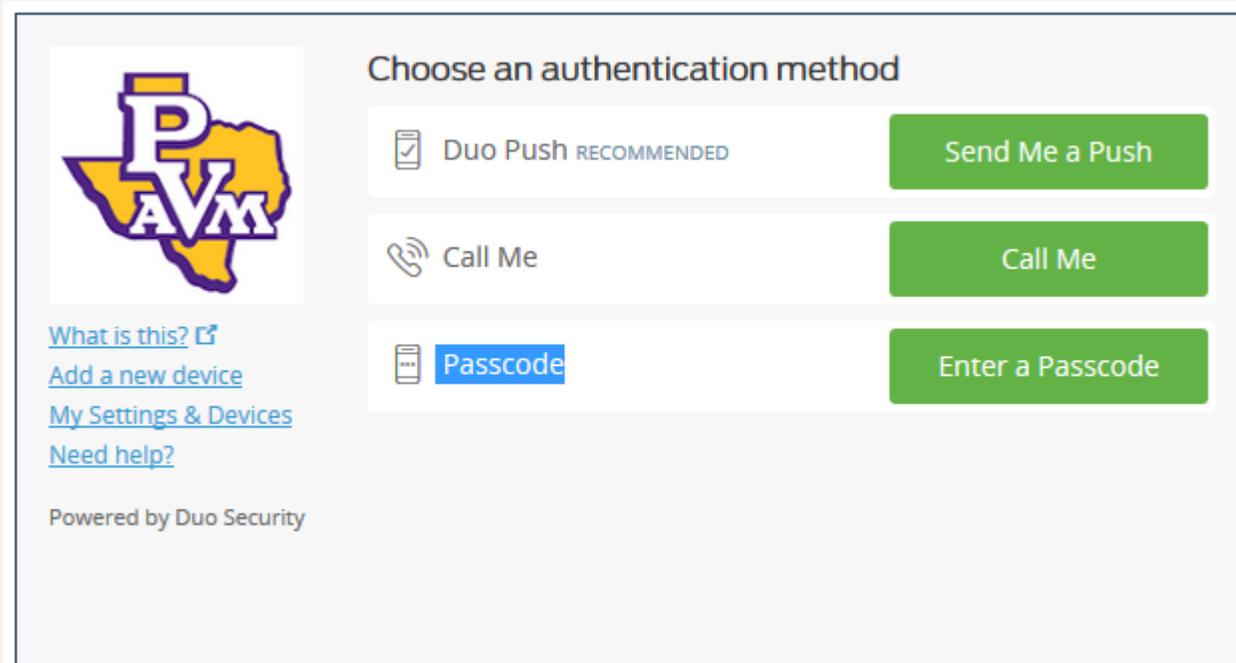
- Click on "Send me a Push"
- Your Smartphone will prompt Approve/Deny screen.
- Click on Approve, and you will be logged into your application

Get Started – Other Options

The most common, recommended, and convenient method is your smartphone with <u>DUO mobile app</u>. However, if you choose not to use your smartphone, you have the following options.

- You can configure DUO to call or text your mobile phone.

- You can configure DUO to call your landline phone.

- USB Token: Limited number of USB tokens are available at $20.

What if you forgot your phone?

- You can select a backup device (landline, etc)

- If you do not have your smartphone with you, you may contact helpdesk at EXT 2525 and submit a ticket to generate one-time bypass code.

    – *It may take 2 hours – 24 hours*

Additional Information

- Office of Information Resource Management can visit your office for a staff training. Please schedule a training by sending at email at miasghar@pvamu.edu

- Visit: www.pvamu.edu/DUO

- For any questions, please email informationsecurity@pvamu.edu
  Call Henry Rose at EXT 9353 or Midhat Asghar at EXT 2156