APPLE IDS AND THE NEW GOLDEN TRIANGLE

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- Apple IDs

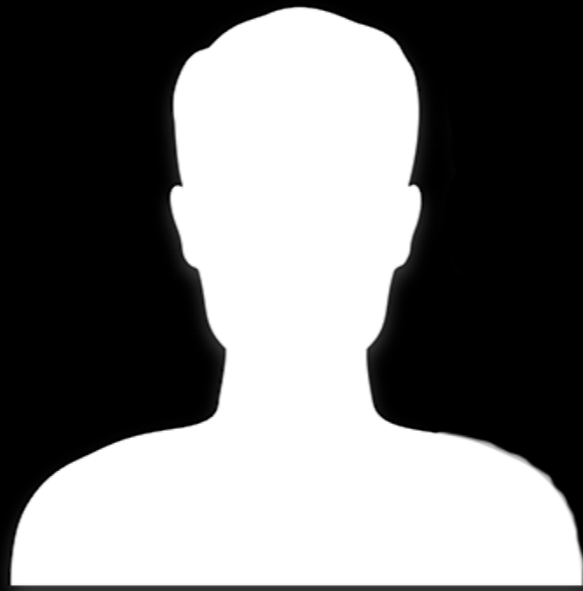- The Golden Triangle

- What does this mean for us?

Apple IDs

What is an Apple ID?

"An Apple ID is the login you use for just about everything you do with Apple, including using iCloud to store your content, downloading apps from the App Store, and buying songs, movies, and TV shows from the iTunes Store."

Identity

What do we use it for?

Global Service Exchange

Apple MUSIC

Developer

Apple ID requirements

- valid email address

- strong password

- three security questions and answers*

Password must:

- Have at least one letter
- Have at least one capital letter
- Have at least one number
- Not contain multiple identical consecutive characters
- Not be the same as the account name
- Be at least 8 characters
- Not be a common password
- Not be used in past year

Different kinds of Apple IDs

- Personal

- Institutional

- Under 13 (Family Sharing or Student)

- Non-Consumer

Personal

- Apple recommends using one ID

- 13+ years of age

- non-transferrable

- accept institution owned apps via VPP

- can be enrolled in Enterprise Developer Program

Institutional

- no technical difference to personal

- used by an organisation rather than an individual

- Push Certificates

- App Store for shared devices

- different licensing conditions for app deployment

- ensure multiple people have access - two-step

Non-Consumer

- used to administer commercial agreements such as VPP, DEP, AppleCare Enterprise support etc.

- cannot be used for the consumer app stores

- must use commercial email addresses (i.e. not gmail or hotmail etc)

- other restrictions depending on role/purpose

Under 13

- Family Sharing

- Apple IDs for Students (currently only in the US)

Two-step verification

- set it up NOW!

- store the recovery key SAFELY!

- multiple authorised devices - especially for institutional and non-consumer.

- app-specific passwords
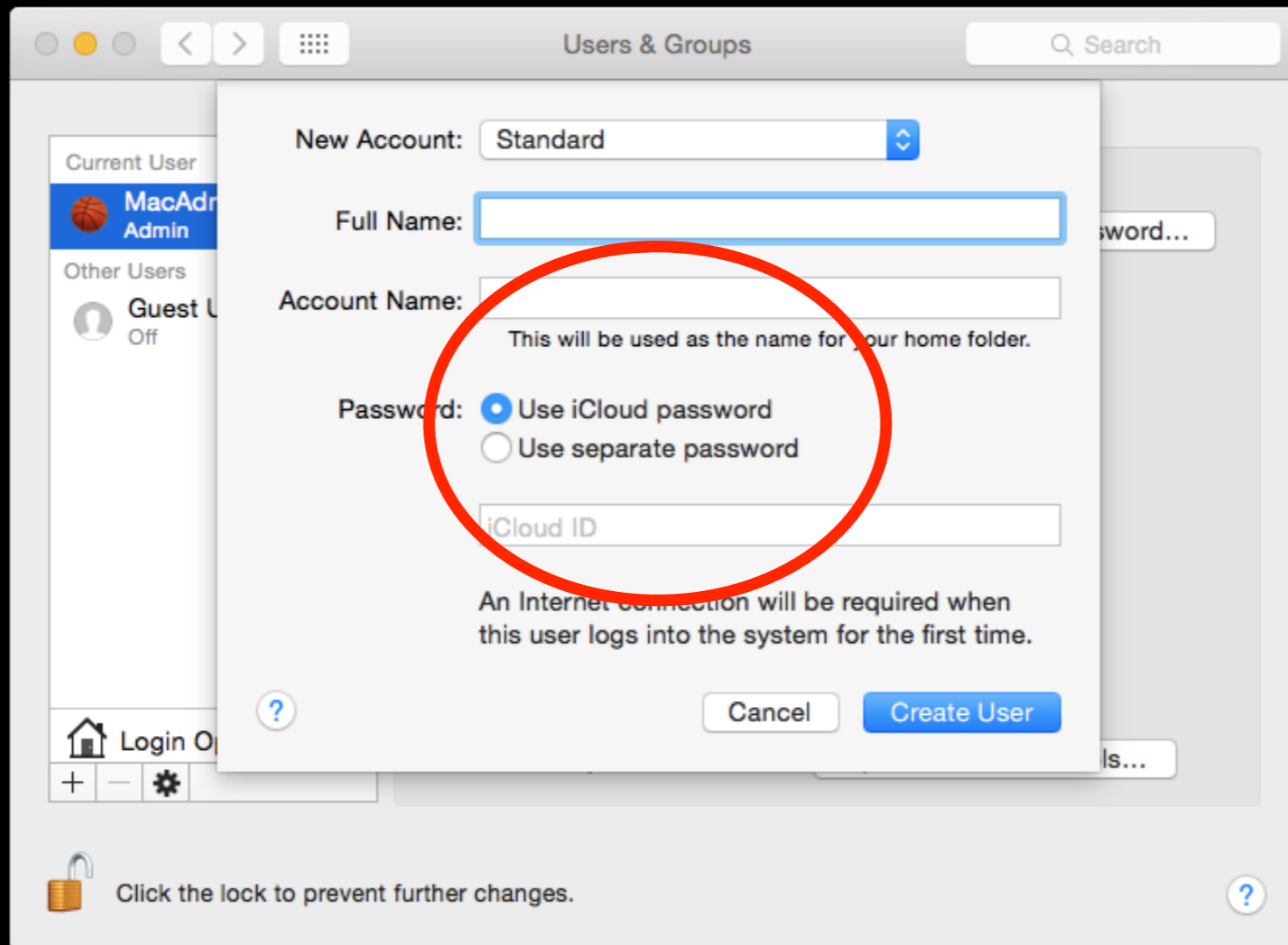
- changes in El Capitan and iOS9

Enterprise?

- VPP

- managed distribution or redemption codes

- personal Apple IDs aren't revealed through VPP

- app adoption - to allow or not to allow?

- personal vs institutional

Tips and tricks!

- whitelisting IPs and domain

- re-purposing an email address

- deleting unwanted Apple IDs

- changing country

- file sharing and screen sharing

Apple ID links

Apple ID support page
www.apple.com/au/support/appleid/

Apple ID creation/administration
appleid.apple.com

Apple ID password reset
iforgot.apple.com

removing password expiry
indiestack.com/2014/09/fixing-90-day-apple-id-expirations/

downloading MAS packages
derflounder.wordpress.com/2013/08/22/downloading-apples-server-app-installer-package/

changing country
support.apple.com/en-sg/HT204447

New Two-factor Authentication in iOS9 and El Capitan
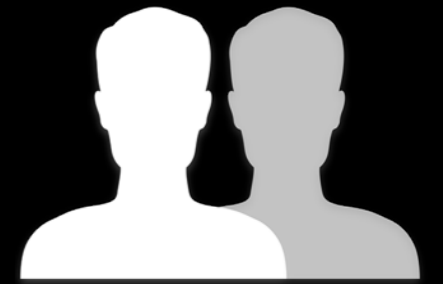developer.apple.com/support/two-factor-authentication/

The Golden Triangle

CATS: ALL YOUR BASE ARE BELONG TO US.

Issues with golden triangle

- MCX Deprecated since 10.8

- Workgroup Manager support ended with 10.9

- lack of "Enterprise Grade" hardware*

- not ideal for mobile devices

Best Practices for Integrating OS X with
Active Directory

Apple Technical White Paper

"MacBook Pro and MacBook Air are inherently mobile devices. Directory services were initially conceived to support multiple users logging in to a single computer connected to the directory service via a persistent trusted network connection. Deploying a portable computer to a single user who frequently transitions between a variety of networks requires a different strategy."

training.apple.com/osx
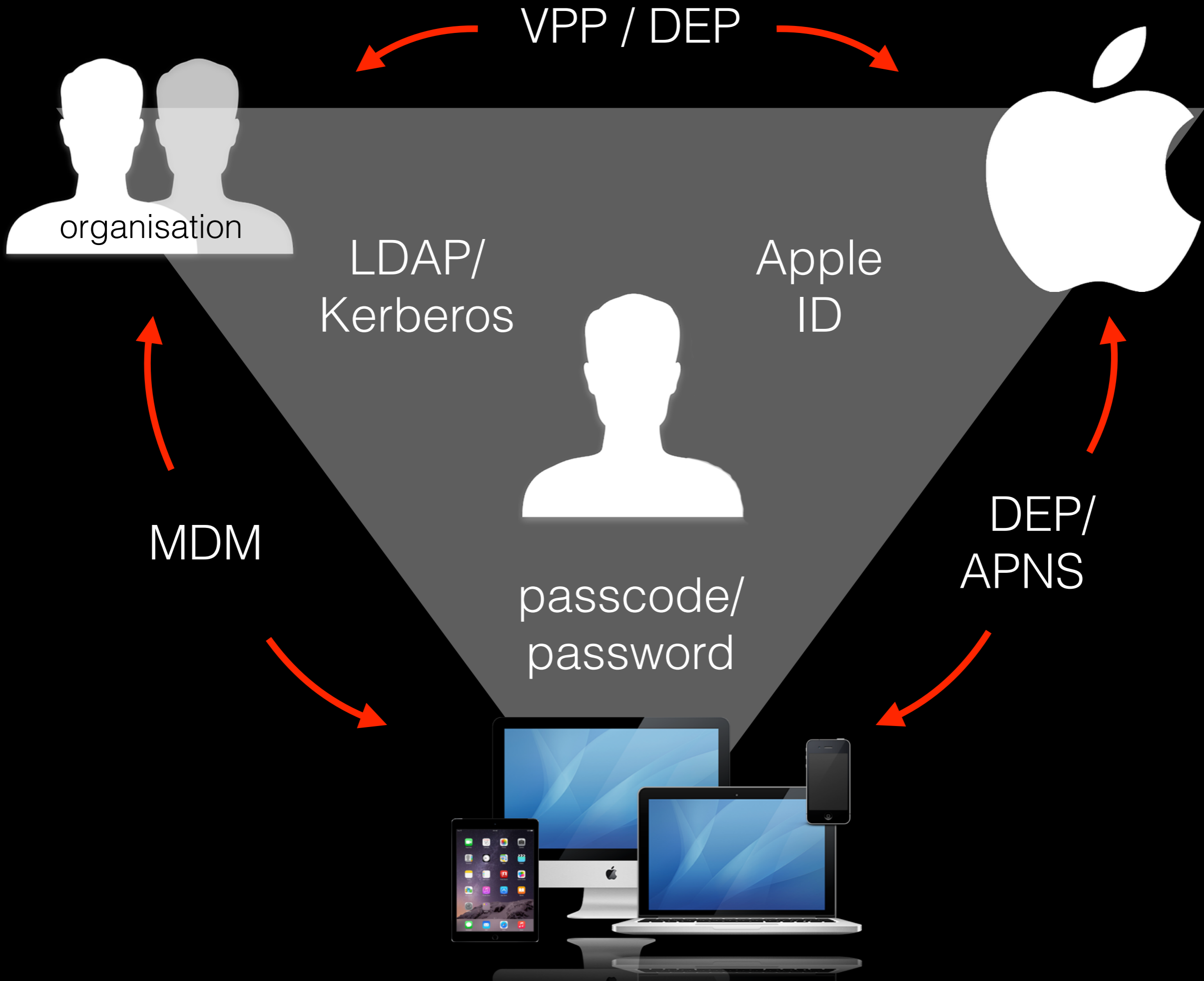
The New Triangle

- empower the user

- embrace mobility

- authenticate to services rather than bind

- allows for changing systems and services

It's all about the user

Azure AD on Windows10

Active Directory Team Blog

"Now in Windows 10 … we have extended that range of settings, which is not a full GPO [Group Policy Object] set of settings, because the world is different, but it's good enough for you to manage and control these devices."

What does this mean for us?

Where does this work?

- 1 to 1 deployments

- BYOD

- iOS

- hetrogeneous environments

Where does this struggle?

- shared devices

- loan devices

- kiosks

- high security environments

the future

- WWDC 2015

- Apple IDs for Students

- new MDM features

- open source tools

Questions?

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macadmins.org