

Using MDM: The Glossary You Need to Understand

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The Trends

“trend” {noun}

*a general direction in which
something is developing or changing*

- ▶ **Consumerization of I.T.**
Power to the People — I.T. sets the boundaries
- ▶ **B.Y.O.D: Bring Your Own Device**
Saves organizations money
- ▶ **Apple & User Manages the Device and the Apps**
I.T. does not have to manage the device
- ▶ **I.T. Provides Access and Secures the Data**
I.T.'s emerging role



Getting Goals Met

“Imaging” {verb}

the process of copying the contents of one computer's hard disk to another disk

- ▶ Push >> **Publish**
- ▶ Enforce >> **Encourage**
- ▶ Lock Down >> **Grant Access**
- ▶ Control >> **Collaborate**
- ▶ Security >> **Security+**



New Management

“management” {noun}

the process of dealing with or controlling things or people

- ▶ **Who Owns the Device?**
Institution or User? How does it matter?
- ▶ **Who Controls the Device?**
Institution or User? How does it matter?
- ▶ **Who is Responsible for the Data?**
Institution or User? How does it matter?
- ▶ **Enrollment**
Associating a device with an account and bringing it under management



Deployment

“deployment” {verb}

- ▶ **Mass Deployment**
Not the same as imaging
- ▶ **Embedding Initial Profiles**
MDM Tools or OTA Enrollment?



Over-The-Air (OTA)

“security” {noun}

the state of being free from danger or threat

- ▶ ~~iTunes and USB~~
Hence Over-The-Air
- ▶ **Enrollment, Management, Security, Updates (APNS)**
MDM Tools or OTA Enrollment?
- ▶ **Methods**
Email, SMS, Web, APNS



Apple Push Notification Server (APNS)

“notification” {noun}

informing (someone) of something, typically in a formal or official manner

- ▶ **Apple Hosted Service**
All iOS devices notifications originate from it
- ▶ **Notification Only - No Data**
Instructs user/device to check with service sending notification
- ▶ **Data and Instructions Sent by Service**
Profiles, Updates, Notices



Profiles

“profile” {noun}

a representation of information relating to particular characteristics of something, recorded in quantified form

- ▶ **XML Document - Encrypted or Non-Encrypted**
User Opt-in to install on device and can remove them
- ▶ **Enrollment Profile**
User allows devices to be managed by MDM
- ▶ **Configuration Profile**
Email Settings, VPN Settings, Device Settings, Security Settings
- ▶ **Provisioning Profile**
iOS development, Testing Software



Security

“password” {noun}

a secret word or phrase that must be used to gain admission to something

- ▶ **Passcode**
Encryption key for entire device
- ▶ **Passcode Strength**
Simple or Complex?
- ▶ **Remote Wipe**
Erases Institution Data or Entire Device
- ▶ **Lock/Unlock**
Settings & Limits



Certificates and PKI

“certificate” {noun}

an official document attesting a certain fact

- ▶ **PKI**
Public Key Infrastructure
- ▶ **Apple Root Certificate Authority**
Circle of Trust
- ▶ **Self-Signed Certificates via. Enrollment**
How complex do you want your security model to be?



AppleID's

“consumption” {noun}
the using up of a resource

- ▶ **Software License Ownership**
Software is registered to AppleIDs – Not Device
- ▶ **Volume Licensing Program**
Volume purchasing and distribution of redemption codes
- ▶ **Consumption of Software**
Redeeming codes consumes software



ADC & iDEP

“develop” {verb}
construct or convert so as to improve existing resources

- ▶ **ADC**
Apple Developer Connection
- ▶ **iDEP**
iOS Developer Enterprise Program
- ▶ **Develop and Deploy Institutional Apps.**
iTunes Store not needed



Q & A

*“Q & A” {noun informal}
an exchange of questions and
answers.*

- ▶ Getting Goals Met
Publish, Encourage, Grant Access, Collaborate, Security+
- ▶ Key Glossary
Certificates, Enrollment, Profiles
- ▶ Key Concepts
Software is Consumed by AppleIDs

