

Kirk Godtfredsen

Kirk has over 25 years of Mac related IT experience - from StarControllers and 3270 emulation over Token Ring to WPA, Active Directory and iPhones, he's had to integrate it. He spent 13 years at Apple as a systems engineer and trainer (before the stock splits - natch). For the last 12 years he has provided IT support to small biz, K-12 and higher-education, and also spends time helping out @ BusyMac, the makers of BusyCal and BusyContacts. He has been involved with mobile computing since its inception, working on the first email client for the first internet-based phone w/AT&T Wireless. When he isn't working, he's biking and hiking.



VPP, DEP, and Under 13: How New Apple ID Requirements Impact You and Your Clients

What's New (since last year...)

Enroll your organization in the:



Device Enrollment Program



Volume Purchase Program



Apple ID for Students

Don't have an account? [Enroll Now](#)

- Deployment Enrollment Program (DEP)
 - Supervision over-the-air
- Apple ID for Students
 - UI 3 Apple ID program
- VPP Requirements

What isn't new - You really still need an MDM!

- Think about size and needs
- Apple Profile Manager is reference point
- Look at 3rd party options.
 - Meraki
 - JAMF Casper
 - FileWave
 - Airwatch
 - Bushel
 - Absolute
- RobotCloud
- MaaS360
- Centrify
- Sophos
- SOTI
- MobileIron
- and many more...

The Apple ID purpose?

- An Apple ID is your user name for everything you do with Apple
- Services include: iTunes Store, iCloud services, Apple Online Store, Apple Retail Store reservations, Apple Support website access.
- Increasingly, also management of Apple programs...
 - Increasingly, not associated with your personal Apple ID...

These are...

- Program Agent Apple ID needed for all programs
- Device Enrollment Program (DEP)
 - Device Administrators
- Volume Purchase Program (VPP)
 - Application Administrators
- Apple ID for Students
 - Program Administrators (location based)
 - Teacher password resetters
- Users and devices - need Apple ID
 - Code Redemption
 - Managed Distribution

Device Enrollment Program (DEP)

- Supervise and configure your devices with your MDM out of the box and over-the-air.
Almost Apple Configurator...
- Apple needs to know you own/bought devices
- Device eligibility - [Help Link](#)
- Lots of requirements! [Help Link](#)
- Once In
 - Add administrators to administer
 - Add MDM to manage the devices
 - Import MDM key
 - Add DEP Token to MDM to link the two
- [Demo](#)

Apple ID for Students

- Allows creation of Apple IDs for UI3
- Does this via getting parent OK
- Batch upload of info, once parent OKs via web, Apple ID is verified
- UI3 Apple ID has limits
- Demo

VPP: What's legally required today?

- Read the EULA! (link at the end of preso)
- Keep yourself in compliance, and purchase appropriate number of licenses
- Use a distribution mechanism that matches your usage model

VPP - Downloading Redemption Codes vs. Managed Distribution

- Each volume purchase you can decide whether you want codes or managed distribution
- What you want depends on your implementation
 - Shared Device Use
 - Configurator = codes
 - MDM = Managed Distribution or Codes
 - But the new assumption from Apple is that each device has their own Apple ID
 - One-One/BYOD
 - Managed Distribution

Apple ID Strategies

- Program Agent Apple ID:
 - deploy@kkheconsulting.com
- Then have administrators
 - vpp-manager1..n@
 - dep-manager1..n@...
 - appleidmanager@... (location based for Apple ID for Students)
 - For you doing admin for someone else
customername@...
- Try to use aliases. Don't create new email addresses for folks to monitor

Apple ID Strategies cont...

- Apple ID for Students
 - Use school provided email for IDs if you can
 - Great way to quickly create IDs for all students, and for all devices that need one
- Devices
 - If sharing, and don't want to use Configurator
 - Need Apple ID/device
 - Model that matches use
 - Location, Cart, Grade, Department...

How to fix past work arounds?

- How do you migrate to new plans?
 - Redemption codes can be migrated by Apple to Managed Distribution
 - <https://support.apple.com/en-us/HT202863>
- What are the things you need to consider?
 - If you were deploying codes via MDM, they could be gone
 - Re-implement Configurator?

Rolling up your sleeves

- Time frame you have to make the changes: You're on borrowed time
- How much time will this take to implement? Much more than you may think.
- How you should advise your clients
- Recommended techniques to deploy multiple app (and book) to Macs, and to iOS devices

More Resources

- http://www.enterpriseios.com/wiki/Comparison_MDM_Providers
- <http://www.apple.com/business/vpp/>
- https://www.apple.com/business/docs/VPP_Business_Guide.pdf
- https://www.apple.com/education/docs/Apple_ID_for_Students_Parent_Guide_US_0514.pdf
- https://www.apple.com/education/docs/u13_institution_guide_en__Feb14.pdf
- <https://help.apple.com/deployment/programs/#/>
- <http://www.apple.com/legal/internet-services/itunes/vppbusiness/us/terms.html>

Questions?



Kirk Godtfredsen
kirkg@kkheconsulting.com