

# Mobility, Virtualization, and Windows

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# Windows

# Why Windows?



## — [ The One Key Application

- Vertical market applications
- Internet Explorer/ActiveX websites
- Accounting applications
- Office 2010 Windows applications

# How to do Windows?



— [ Boot Camp

— [ Parallels

— [ VMWare

— [ VirtualBox



 **Parallels™**

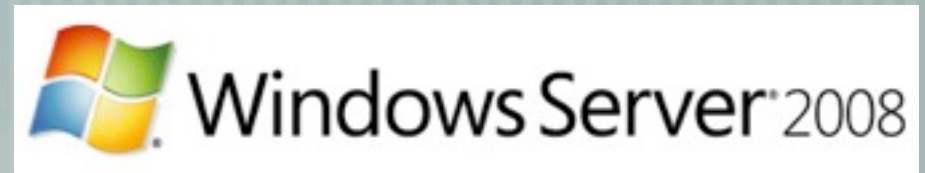
 **vmware®**



# How to do Windows?



— [ Terminal Server



— [ Citrix



— [ CrossOver



# Windows Security



- Anti-malware is a **MUST**

- Kaspersky, Symantec, AVG, Avast, McAfee, Sophos, VIPRE

- (Not an exhaustive list; not in any order)

- Set up limited user account

- Many VMs are rarely rebooted; establish a policy

# Maybe No Windows



- [ MS Office 2011

- [ iOS native apps

- [ Active Directory plug-in

- [ ADmit Mac

- [ ExtremeZ-IP

- [ DFS support in Lion



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**Wean Them Off Windows!**



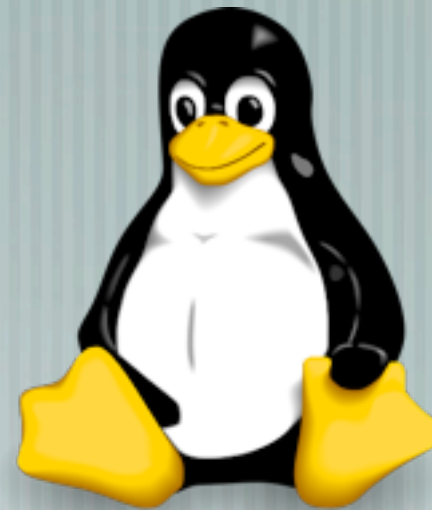
# Virtualization Beyond Windows

# Testing & Packaging

- [ Use the Snapshot facility
- [ Keep multiple VMs around
- [ Keep zip'd clean copy if all else fails
- [ Run older OS's

# Run Other OS's

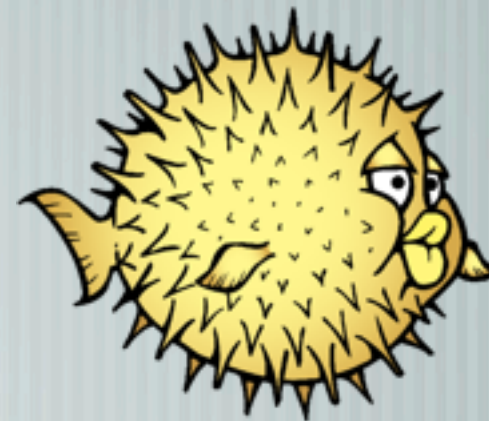
Linux



FreeBSD



OpenBSD



# Demo: Snapshots and Package Building

# Mobility

# Why Mobility?

- [ Change in the way a person works

- Even a laptop is an anchor

- [ Always-on connectivity

- 3G/4G

- [ Always with-you device

# iOS Management

- [ Simple: Locate & remote wipe

- [ Complex

- Auto configuration

- Security policies

- Retract corporate data and config only



# BYOD

- [ Separate company data from personal data

- [ iCloud

- [ Force encrypted iTunes backup

- [ Force passcode

- [ Self-manage as much as possible

# Mobile Device Management

Profile Manager

Casper Suite

AirWatch

Tarmac

Absolute

Zenprise

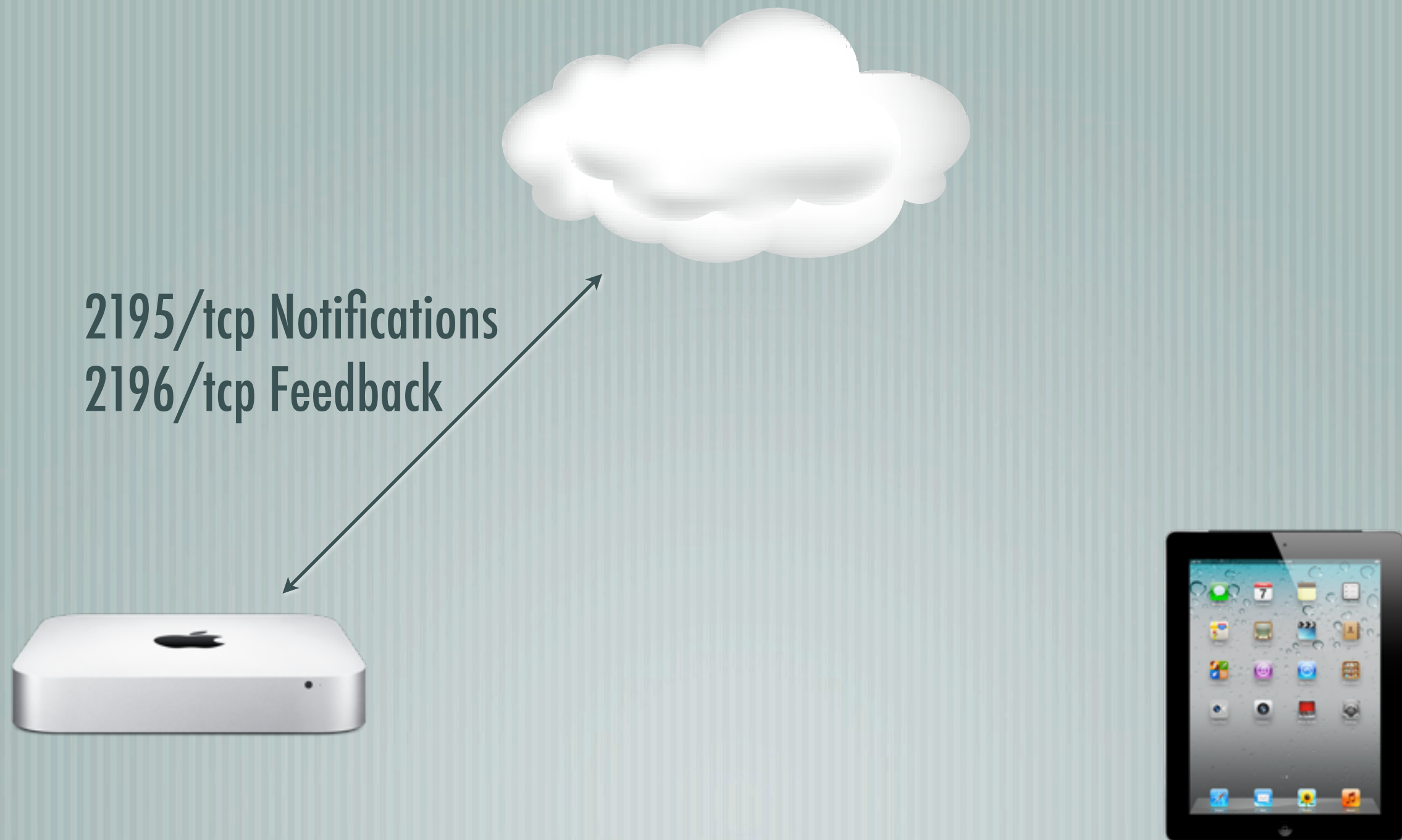
MobileIron



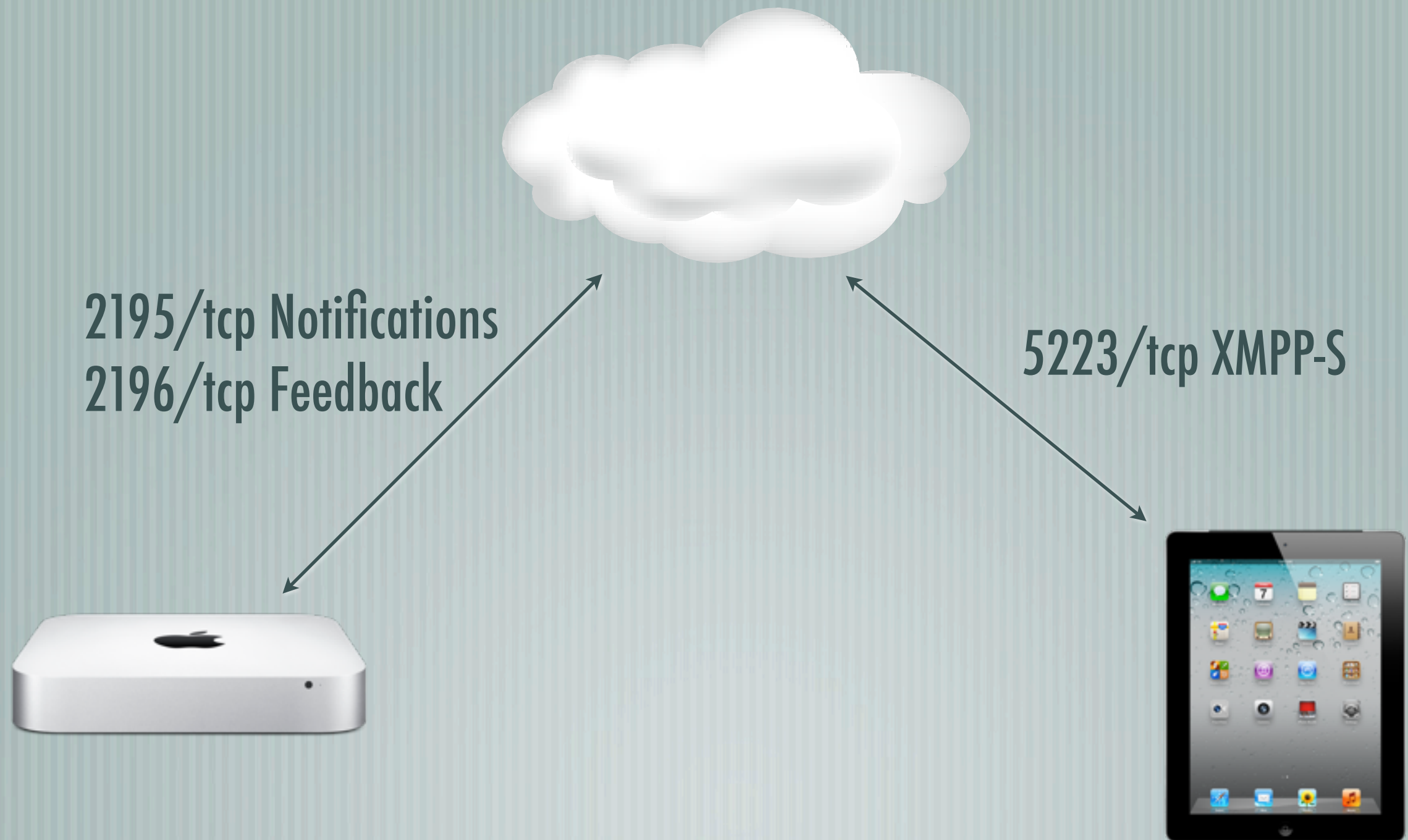
# Profile Manager and Push



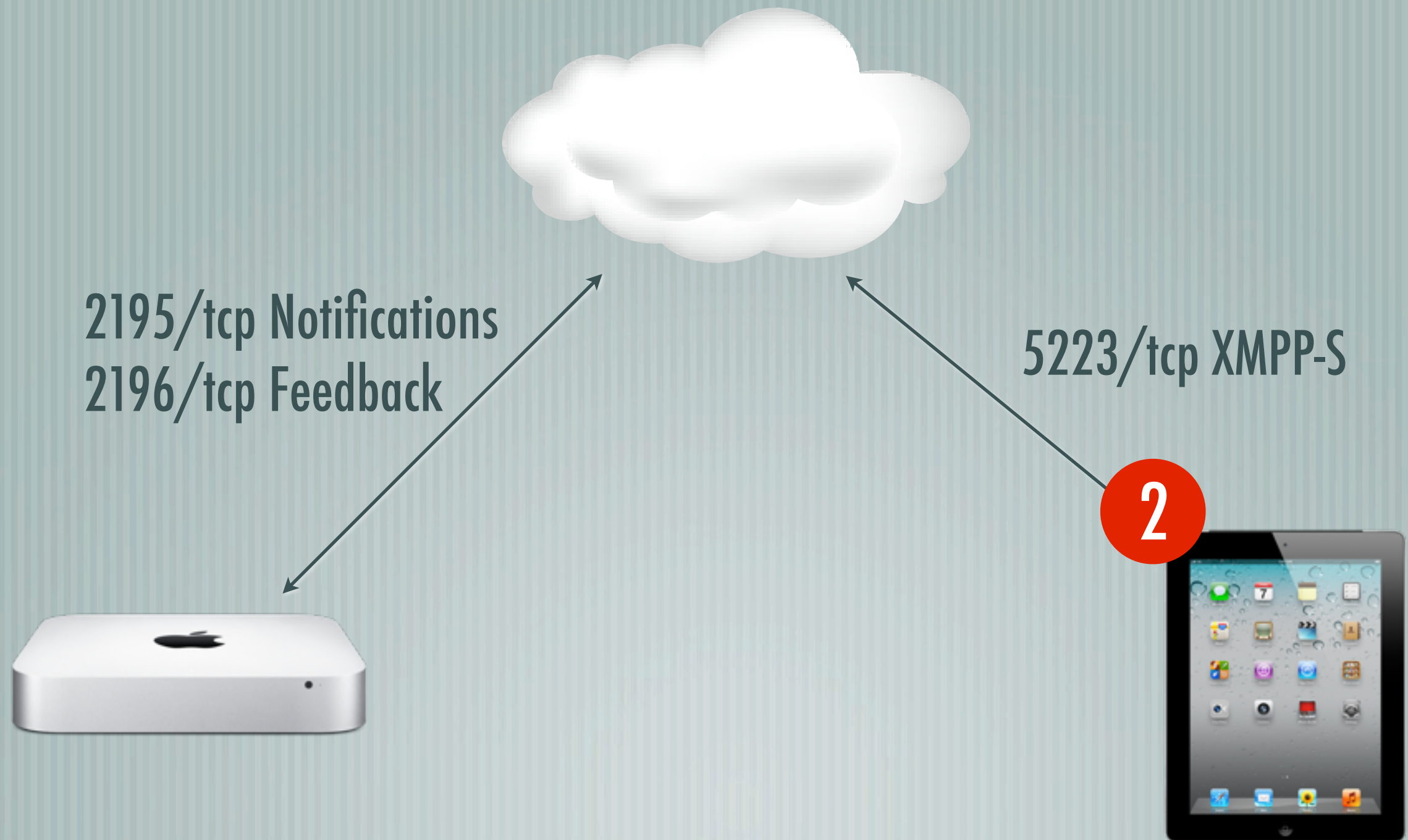
# Profile Manager and Push



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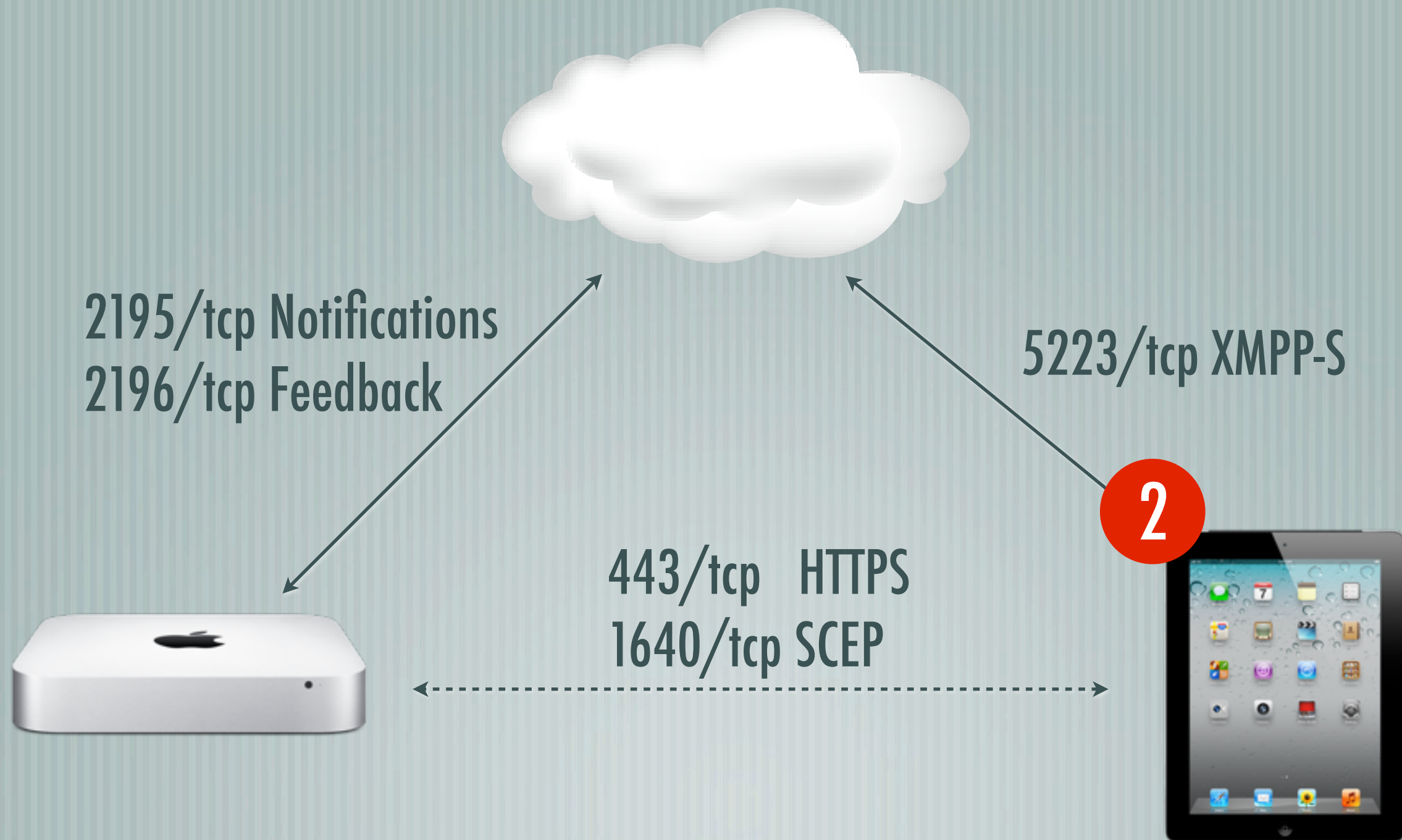


# Profile Manager and Push



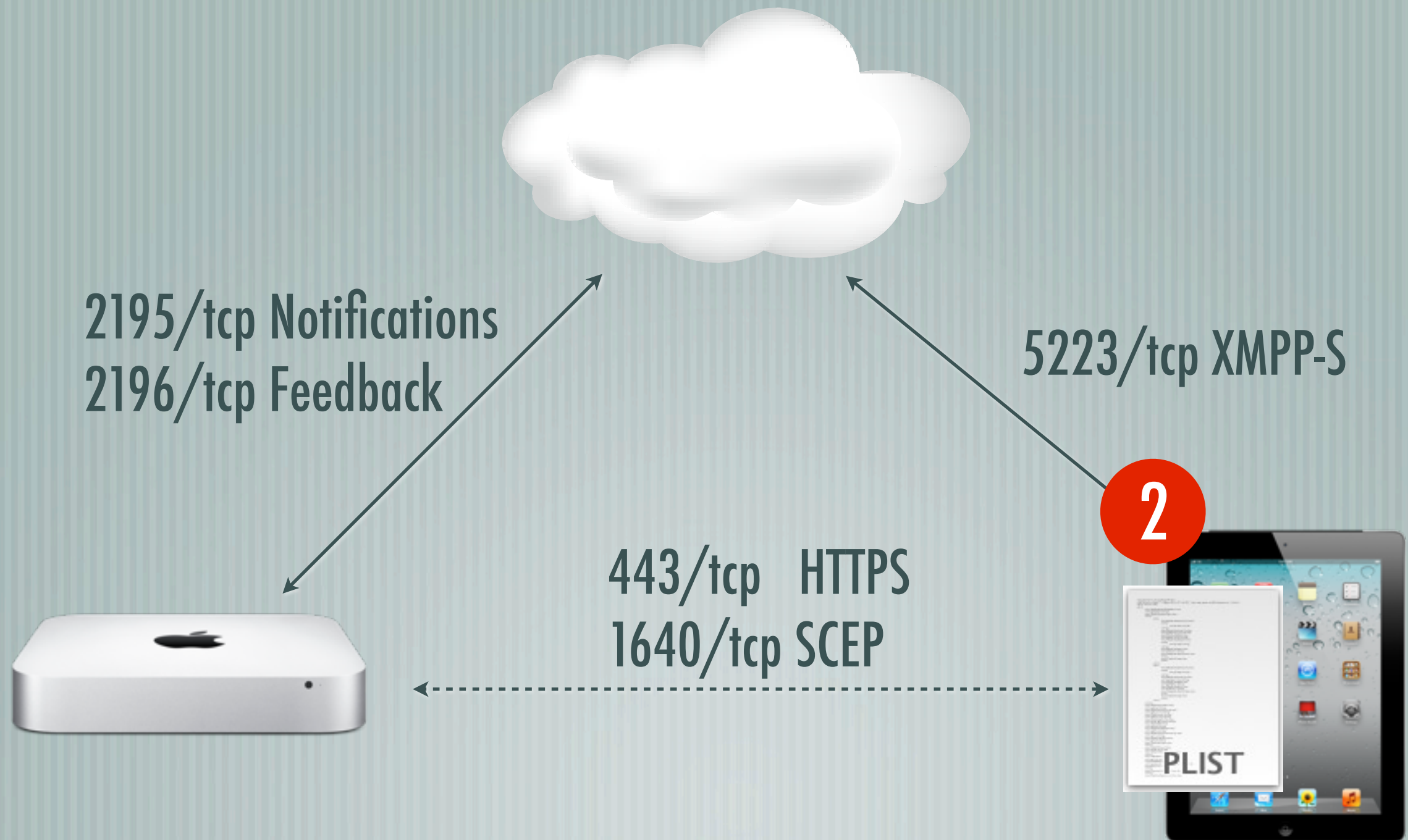


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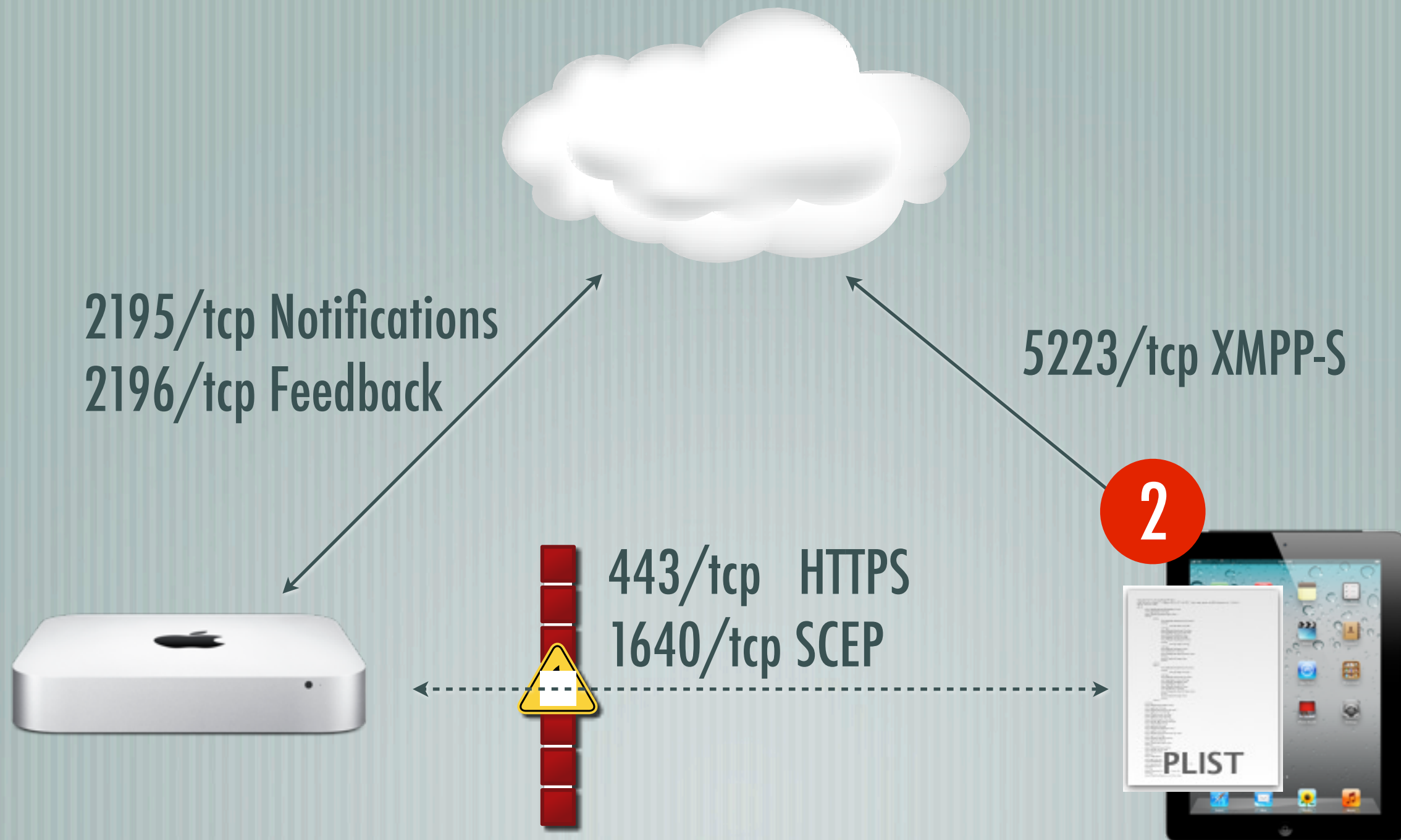




# Profile Manager and Push



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# Demo: Profile Manager and Self-Enrollment

# Q & A