

WORKING WITH ACTIVE DIRECTORY

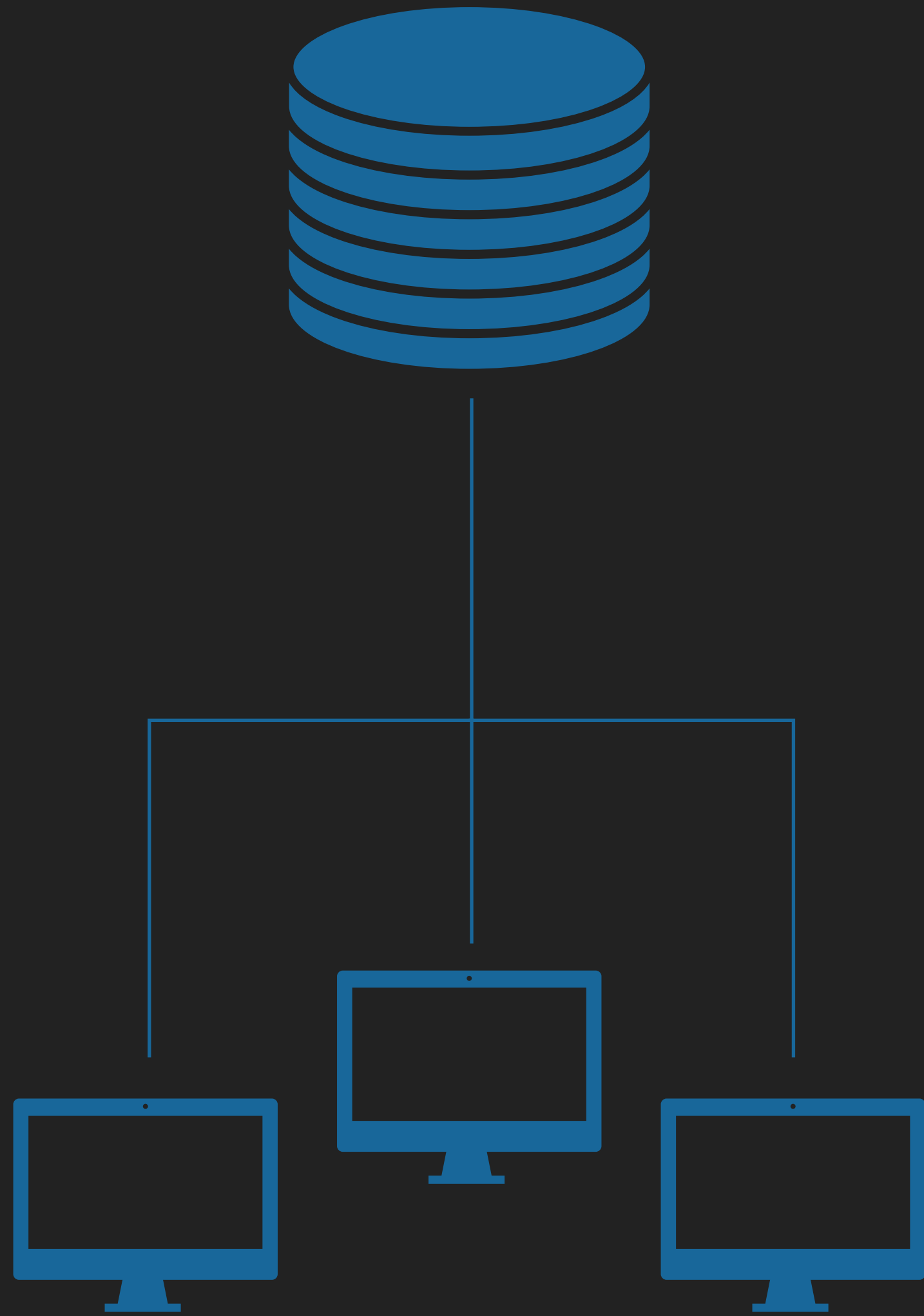
A MACADMIN'S INTRODUCTION

BEN RUSH



SLACK: BEN_RUSH





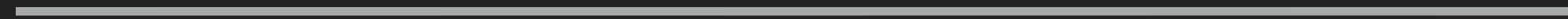
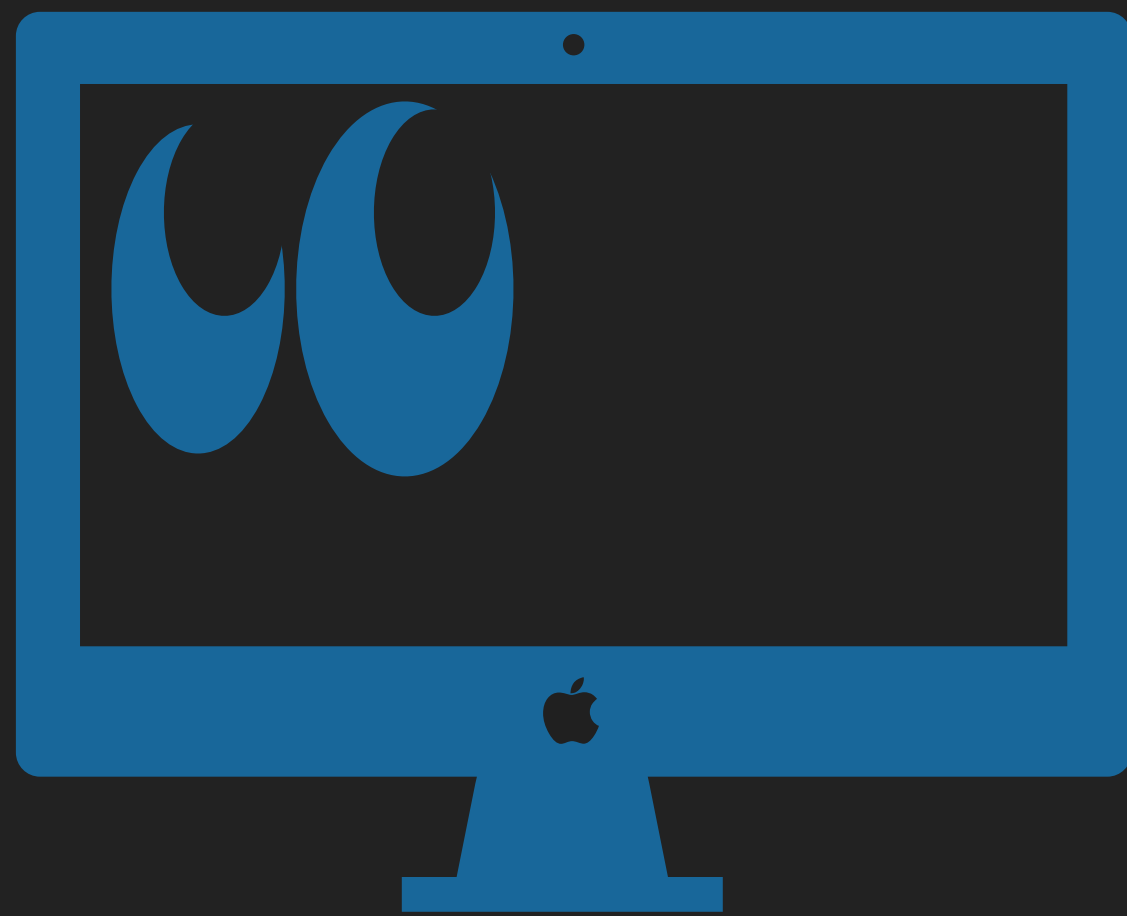
WHAT IS ACTIVE DIRECTORY?

ACTIVE DIRECTORY: THE BASICS

- ▶ Domain Service
- ▶ Lightweight Directory Service
- ▶ Certificate/PKI service
- ▶ Rights Management Service
- ▶ Federation Service



USING A MAC WITH ACTIVE DIRECTORY



EMPLOYING AD SERVICES ON THE MAC

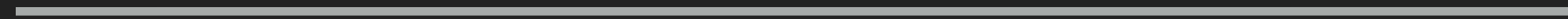
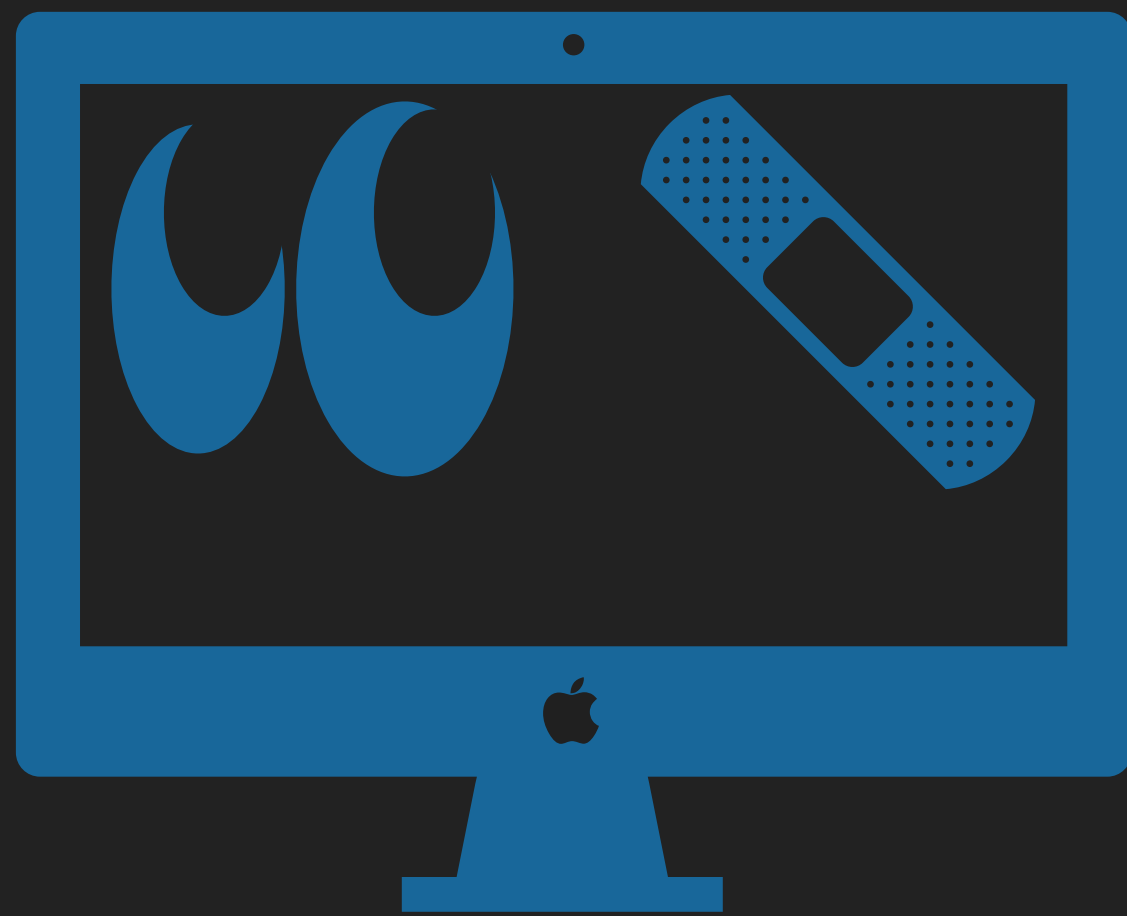
- ▶ Use the built in Active Directory plugin on the Mac
 - ▶ OS Level Directory Integration
 - ▶ Manual Binding
 - ▶ Automated Binding

EMPLOYING AD SERVICES ON THE MAC

- ▶ Casual Binding
 - ▶ Userspace Directory Integration
 - ▶ Apple Enterprise Connect
 - ▶ NoMAD

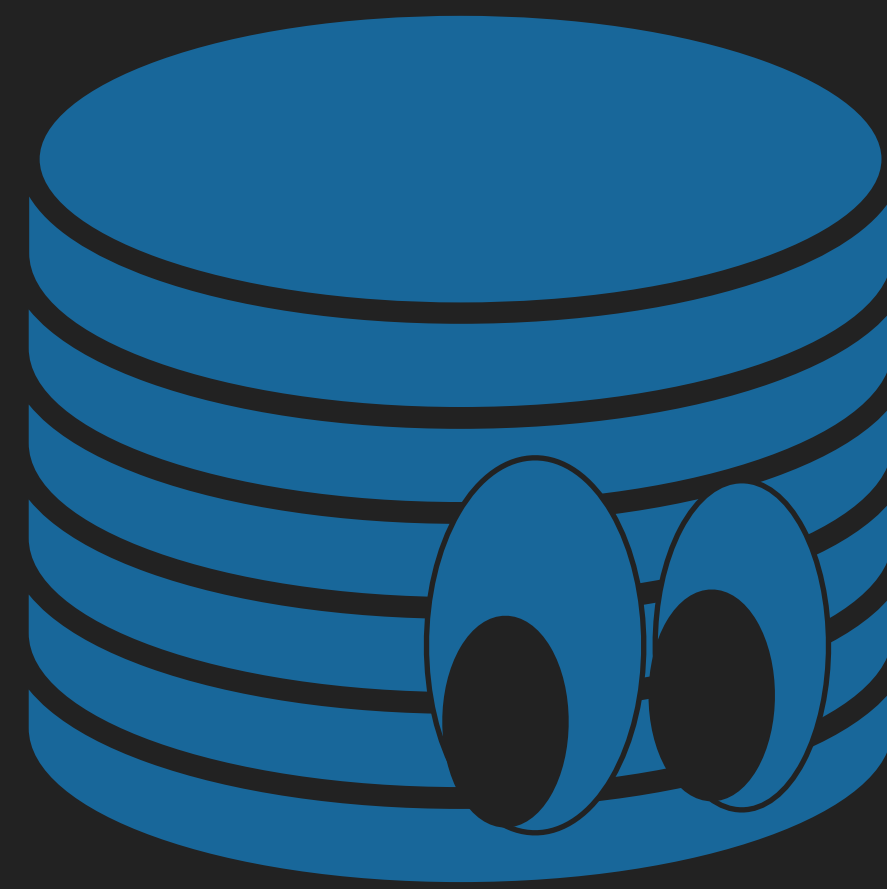


WHAT CAN GO WRONG?

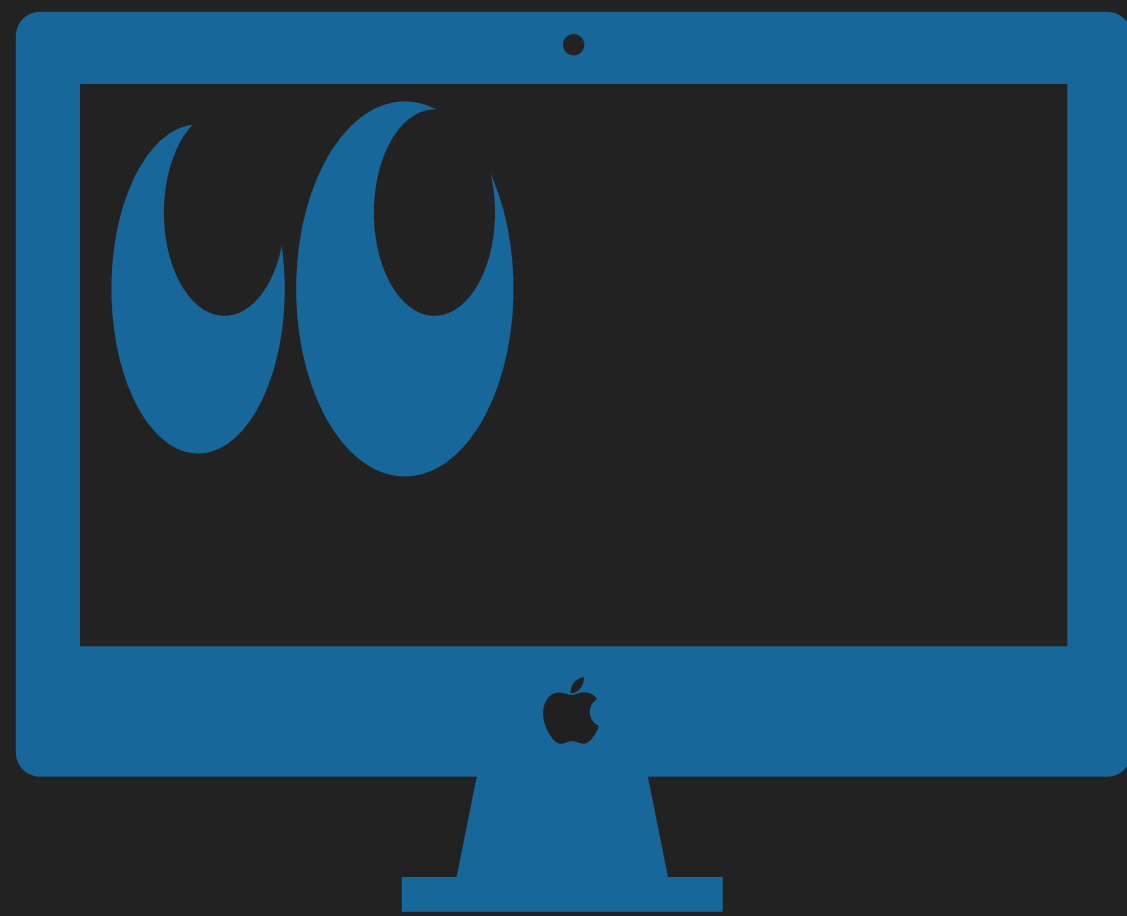


SOME OF THE MANY ACTIVE DIRECTORY PITFALLS

- ▶ Password Synchronization
- ▶ Stale user and group records
- ▶ Broken Bindings
- ▶ Account Attribute Changes



**SHOULD I SPEND THE
TIME TO INTEGRATE MY
MACS WITH ACTIVE
DIRECTORY?**



YES

WHY SHOULD I SPEND THE EFFORT INTEGRATING?

- ▶ Integrating your Mac population with the rest of the organization
- ▶ Bringing some self-sufficiency to Mac using teams while still maintaining access control

OK, HOW SHOULD I GO ABOUT IT?

- ▶ Determine your organizations requirements.
 - ▶ Regulations, company policy, legal requirements, etc.
 - ▶ Usage patterns
 - ▶ Technical Support ability
- ▶ Test multiple solutions to find what works best for you and your organization
- ▶ Keep testing, there are always opportunities to improve

HELPFUL LINKS

- ▶ https://en.wikipedia.org/wiki/Active_Directory
- ▶ <https://nomad.menu>
- ▶ <http://www.deploystudio.com>
- ▶ <https://mosen.github.io/profiledocs/payloads/activedirectory.html>
- ▶ http://training.apple.com/pdf/Mac_Integration_Basics_10.12_Guide_v2_EN.pdf

Q&A