IT Briefing Agenda

- Office 365 Update
- NAC Update
- Security Update

- Jay Flanagan
- Alan White
- Derek Spransy
O365 Moves
Archiving Update
Questions?
Alan White
Architecture and Security, Infrastructure

NAC Update
NAC

- NAC: Network Access Control
- Unregistered devices redirected to a web portal
- Posture checks for Windows and Mac
- Mobile devices are automatically registered
- Similar to NetReg/CAT
NAC – Where are we now?

• Initial ResNet rollout backed out due to a bug in Aruba code
• Aruba 6.1.3.10 fixed the bug

• Successful implementations (EmoryUnplugged):
  1762 OIT Space (10/15/13)
  NDB (11/19/13)
NAC – Future Implementations

- WML EmoryUnplugged only (3/11/14)
- ResNet (~5/14/14)
- All of EmoryUnplugged
- Other wireless and wired networks
Welcome to Emory University
Please wait while your computer is redirected to the appropriate registration page.

If you need assistance, please contact the Service Desk. Atlanta campus: 404-727-7777, Oxford campus: 770-784-4685.
Welcome to Emory University
To gain network access users are required to adhere to our established registration policies.

USERS

Users who have an assigned NetID & Password

If you need assistance, please contact the Service Desk. Atlanta campus: 404-727-7777, Oxford campus: 770-784-4685.
The Client Experience

Network Access Control

User Registration
Each user is required to verify that their computer will meet the established network policies prior to connecting to the network.

When you have filled out the fields below, you will be prompted to download and run the network access agent that will verify that your computer will meet these policies:

- Computer is up-to-date with all Service Packs and security updates
- Automatic updates are enabled
- Computer's firewall enabled
- Emory approved Anti-Virus software installed

This process will take a few minutes. Do not interrupt this process while it is running. Depending on your computer's security preferences, you may have to follow additional prompts to run this tool. Please enter your NetID & password below, then click the Continue button.

Instructions

Username
Password

Continue

If you need assistance, please contact the Service Desk. Atlanta campus: 404-727-7777, Oxford campus: 770-784-4685.
Persistent Agent
Scanning

McAfee VirusScan
Passed Scan
Failed Scan

Failed to meet policy requirements.
Please contact your local IT support or the Service Desk (7-7777) to verify the following:
Emory approved Anti-Virus software is installed (Emory owned devices)
Computer is up-to-date with all Service Packs and security updates

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Computer is up-to-date with all Service Packs and security updates
Automatic updates are enabled (optional)
Computer's firewall enabled (optional)
You have been granted normal network access, but the above must be addressed.

Wed Feb 19 09:56:19 2014
Mobile Devices

- Automatically registered
- No agent required
Common Problems

- Hard coded DNS
- Browser Cache
- Computer not compliant
Questions
Bitlocker Project

- A project is underway to evaluate replacing PGP with Bitlocker and MBAM.
- The expanded PoC is now in progress.
- We expect to wrap up PoC testing in mid-March, and make a decision about moving forward with MBAM/BitLocker
MIR Deployment

• MIR is a platform for detecting and responding to advanced threats
• MIR was used during our July-September 2013 incident
• Emory has acquired our own MIR instance
• Existing agents will automatically check-in with our MIR implementation
MIR Deployment

• We ask that everyone continue to deploy the MIR agent on new and existing systems
• There is a new version of the agent that we’ll make available shortly
• Note that MIR cannot be deployed as part of an image without taking special steps
Security Update

Questions
Thank you for coming!