



**EMORY**  
LIBRARIES &  
INFORMATION  
TECHNOLOGY

# **IT Briefing**

October 16, 2014

North Decatur Building

4<sup>th</sup> Floor Auditorium

# IT Briefing Agenda

- Security Update
- Apple OS (Yosemite) McAfee
- Kronos Update
- ART Review Process
- Office 365 Update
- IdM and SingleNet ID Update
- Derek Spransy
- Thomas Armour
- Kaven Moodley
- Kaven Moodley
- Scott Swann
- Anne Marie Alexander



**Derek Spransy**

Sr Information Security Specialist, Information Security

# **IT Security Update**

A ShellShocked POODLE walks into a Vet's office  
complaining of HeartBleed...

# POODLE SSL Vulnerability

- Fundamental flaw in the SSLv3 implementation
- The fix: Disable SSLv3 on servers - Upgrade browsers
- Testing SSLv3: `openssl s_client -ssl3 -connect [your web server]:443`
- Apache `ssl.conf`: `SSLProtocol All -SSLv2 -SSLv3`
- IIS: Modify the registry to disable specific protocols and suites
- See KB04501 for additional instructions
- Older browsers, like IE6, will break

# ShellShock

- A vulnerability in BASH that allows remote execution of commands over HTTP/S primarily, but could also affect SSH
- Fix: Install patches from vendors
- Anything running Linux could be affected: Servers, embedded devices, NAS devices, etc.

# Security Update

Questions





**Thomas Armour**

Enterprise Middleware Administration III,  
Business Systems

# **Mac OSX 10.10 and McAfee**



# Mac OSX 10.10 and McAfee

- Mac OSX 10.10 may be available as soon as Oct 16, 2014 from the Apple App Store.
- The startup implementation of McAfee Agent 4.8 Patch 2 for Mac Hotfix HF972377 is changed from SystemStarter to launchctl to support changes in Mac OS X 10.10, older agents will probably not work and you should upgrade the McAfee agent before upgrading the OS.
- I am in the process of testing this on the DEV server, and have it on production in evaluation mode.

# Mac OSX 10.10 and McAfee

- Our current agent for Mac is 4.8.0.1680 and the new one is 4.8.0.1816.
- This is the agent that communicates with the McAfee server for management. An OS upgrade will not break the McAfee AV protection, it does break the agent Client/Server communication for policies and reporting.
- If the clients stop connecting to the McAfee server they will still update their virus definitions from McAfee directly.

# Mac OSX 10.10 and McAfee

Questions



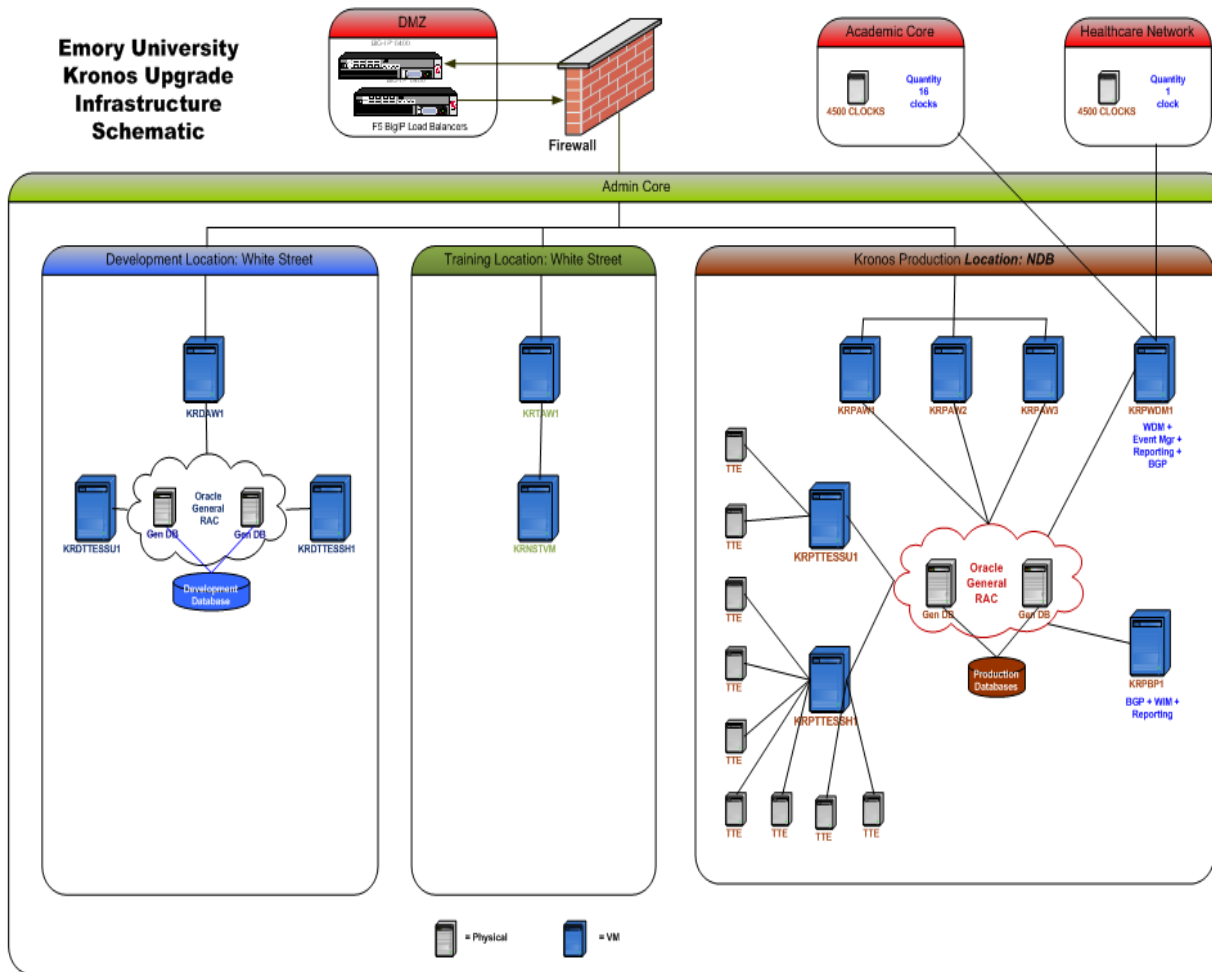


**Kaven Moodley**

Manager, PeopleSoft HR Systems, Enterprise  
Applications

# **Kronos Update and ART Preview Process**

# Current Kronos Architecture



## Support Functions

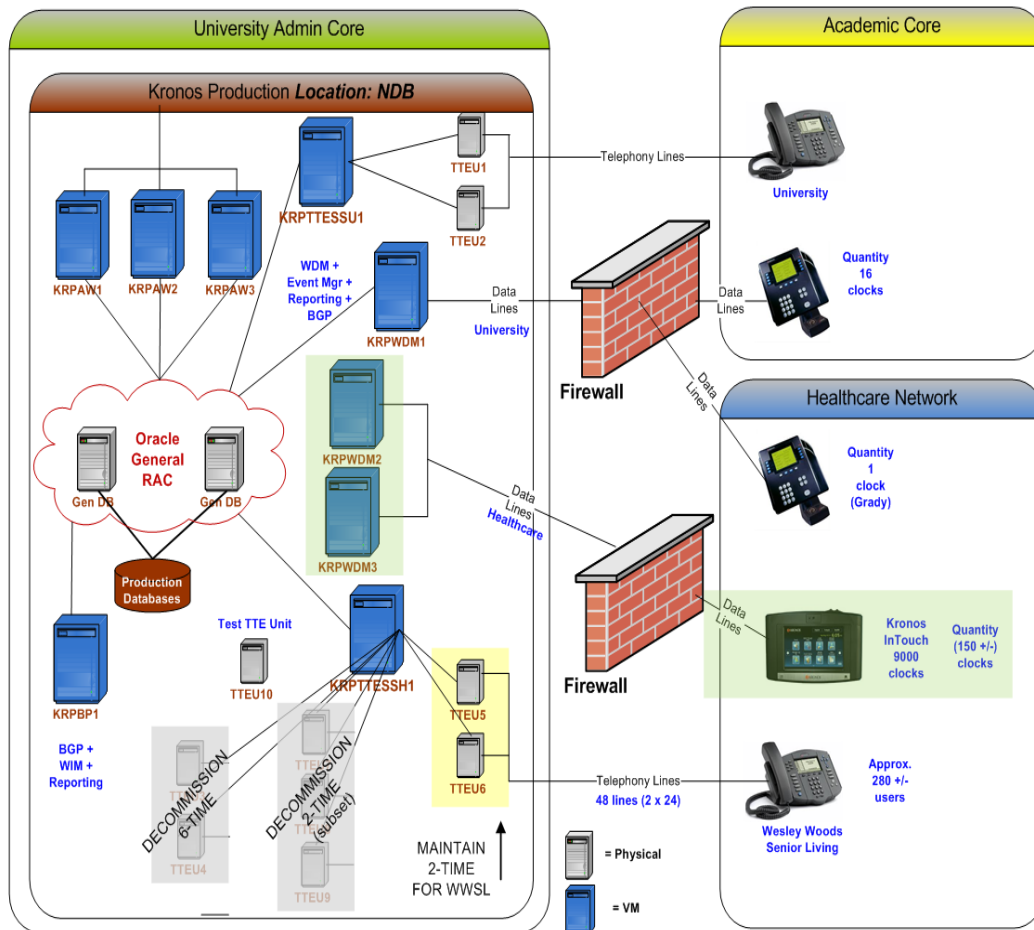
1. Application Support includes Time punches, TTE machines and Employee data (labor level)
2. Application Infrastructure Administration – Web/ Application Servers, TTE servers
3. Server Administration – OS, VM, Physical Servers
4. DBA Administration
5. Telephones (Field service)
6. Facilities Management Clocks
7. Facilities Management WDM Server
8. Network

# Phase 1 – EHC Time Clocks

Emory University  
Kronos Infrastructure Schematic

Proposed Architecture  
Kronos 6.3 SP10 / Jan, 2015

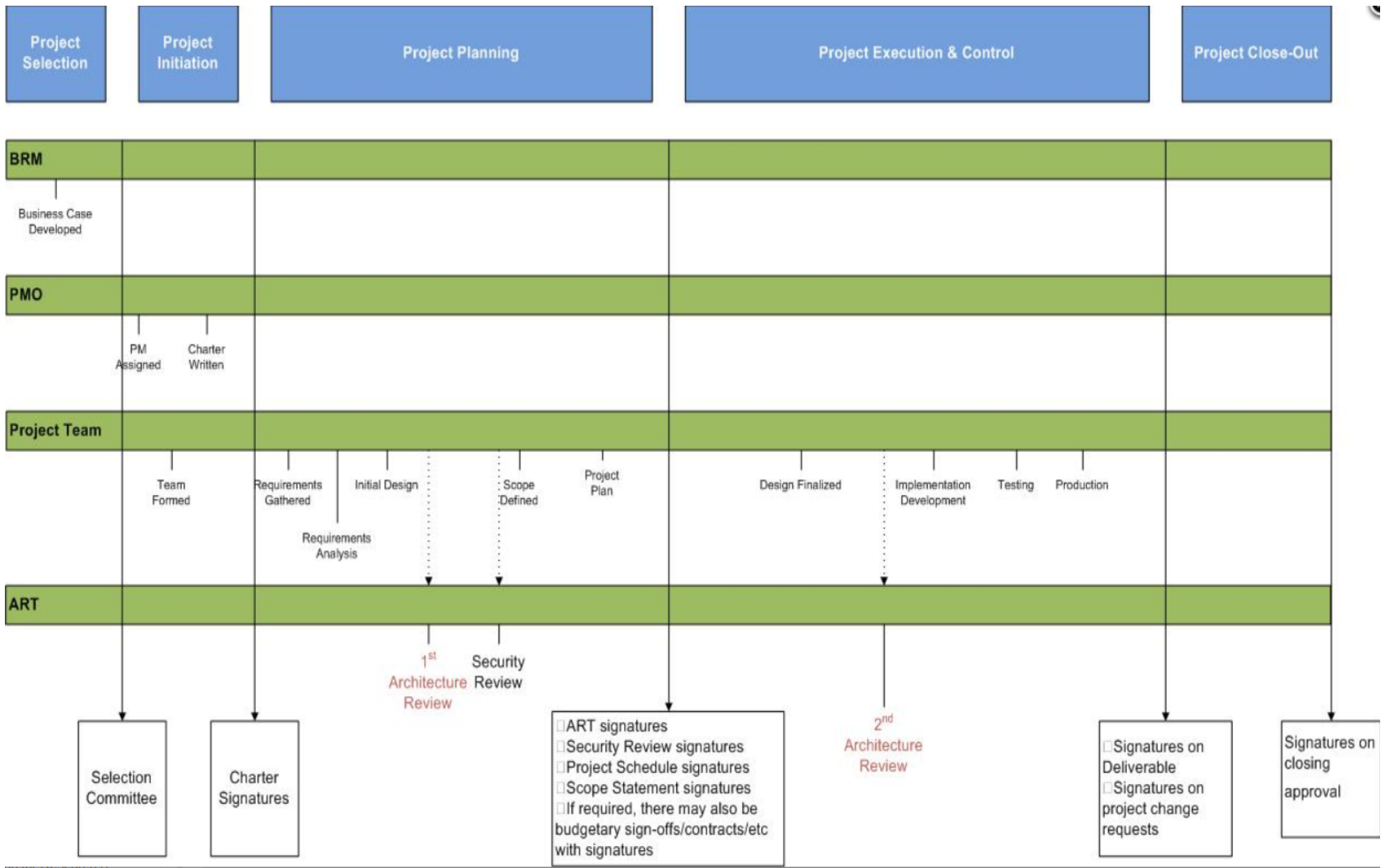
## Support Functions



1. Application Support includes Time punches, TTE machines and Employee data.
2. Application Infrastructure Administration – Web/Application Servers, TTE servers
3. Server Administration – OS, VM, Physical Servers
4. DBA Administration
5. Telephones (Field Service)
6. University Facilities Management Clocks
7. Facilities Management WDM Server
8. EHC Clocks (Healthcare Facilities)
9. EHC WDM (TBD)
10. Network

# Architecture Reviews: What I need to know?

- Link to wiki site:  
<https://wiki.service.emory.edu/display/cita/Architecture+Review+Team>
- There are 4 templates:
  - Vendor solution (example: PeopleSoft HR)
  - Hosted solution (example: Box.net)
  - In House Development (example: Glenn – Subject Registry Application)
  - Bolt In/Out application (example: Manager Self Service EHC) – This is new!
- When you need a template created, you will need to know which one best suits your needs.
- Send an email to [kaven.moodley@emory.edu](mailto:kaven.moodley@emory.edu) to begin the process.
- A template will be created for you within 5 business days or you can copy one of the above templates and save it to the folder “Architecture and Review Artifacts”
  - <https://wiki.service.emory.edu/display/cita/Architecture+Review+Schedule+and+Review+Artifacts>
- Please do not overwrite our templates.
- When to do the Architecture Review?





# The Architecture Review Process

- In the past, a project manager would request to have a review on a specific date. Now, we try our best to accommodate the request date, however, the request will only be added to the schedule once the template is complete. (Architecture diagram must be included and all questions answered.)
- Templates must be completed by **noon on Monday** of the week the review is requested.
- The Security review works hand-in-hand with the Architecture Review; however, it is not part of the same process. At the time of an ART request, it is recommended that you reach out to Brad's team to ascertain if a security request is needed.
- Meetings are held on Thursdays at 1pm in Savannah (5<sup>th</sup> Floor North Decatur Building). You will not receive a meeting request, so please check the schedule page on Wiki.

## Artifacts

 4 Added by [Naidy Chen](#), last edited by [Kavendran Moodley](#) on Oct 06, 2014 ([view change](#))

### Architecture Review Schedule

Architecture Review Calendar		
Review Schedule	Review Date	Status
<a href="#">EZproxy -- Vended Application Architecture Review Checklist</a>	TBD	
<a href="#">Adobe Connect - Hosted Application Architecture Review Checklist</a>	October 16, 2014	Scheduled
<a href="#">Citi Repository - In-house Development Architecture Review Checklist</a>	September 18, 2014	Approved
<a href="#">BioRaft - Environment Health and Safety - Cloud Application Architecture Review Checklist</a>	August 14, 2014	Approved pending outcome of Security Review
<a href="#">iModules - Hosted Application Architecture Review Checklist</a>	July 17, 2014	Approved pending outcome of Security Review
<a href="#">Tableau- Vended Application Architecture Review Checklist</a>	July 03, 2014	Approved with follow up items.
<a href="#">Emory Timecard Adjustment System -- Non-LITS Bolt in (or Bolt on) Application Architecture Review Checklist</a>	June 26, 2014	Approved
<a href="#">EHC MSS - In-house Development Architecture Review Checklist</a>	June 19, 2014	Approved pending outcome of Security Review

# Process Continued....

- We recommend that the Project Manager/ Business Sponsor and lead technical resource attend in person.
- If more than one review is held on a given day, the team arriving first will begin.
- If you request that a vendor join the call, we will send a meeting request to the Project Manager which will include an Adobe session and the call conference details. (Please give us at least one week to set up the Adobe session).
- The Project Manager can then forward the meeting to outside parties.
- The Project Manager will be responsible for any action items that arise out of the review and will incorporate any follow up documentation in the original template.
- You will be asked if your application will be used by Emory Healthcare employees and if you have contacted the VDT (Virtual Desktop) team to perform a test or to create an awareness.

# Kronos Update and ART Preview Process

Questions



**Scott Swann**

Project Manager II, Project and Service  
Management

# Office 365 Update

# O365 Moves Coming Soon

- Campus Life
- Reviewing for other groups that may have been missed



# Additional Updates

- Engagement with Microsoft
  - ADFS Implementation
  - Review of options for moving EHC to 365
- Postini to EOP Transition
  - Engagement with CDWG to handle



# Archiving

- Archives move as your school / department moves
- Only EAS user archives are moved
- Archive Policies begin working on current mail in mailbox
- Global Policy is for all mail over 15 months to be archived
- Users can set individual policies that will override global policies





# Archiving



- All groups that have moved to 365 have had archives moved or are in process
- EHC IS has moved to Exchange on premise Archiving
- Working to move rest of EHC now that EHC IS moved

# Questions?





**Anne Marie Alexander**

Sr. Manager, Identity and Access Manager,  
Enterprise Services

# **IdM & Single NetID Project Update**

# Directories - Current state

## VLAD

- EUV-LDAP
- EHC-LDS
  - EHC-AD

# Directories – Future state

~~VLAD~~

EUUV-LDS

- ~~EUUV-LDAP~~
- EUUV-AD

• EHC-AD

# Phase I Testing for LDS

- Beginning October 17  
All LDAP Service Account Owners  
will receive a personalized email
- [LDS-Migration@emory.edu](mailto:LDS-Migration@emory.edu) for questions
- Ending December 15

# IdM & Single NetID Project Update

Questions



# Thank you for coming!

*Thank  
You*