



HARVARD UNIVERSITY
Information Technology

Enterprise Architecture Update CIO Council March 2017

March 9, 2017 2:30 PM
Smith Center room 561

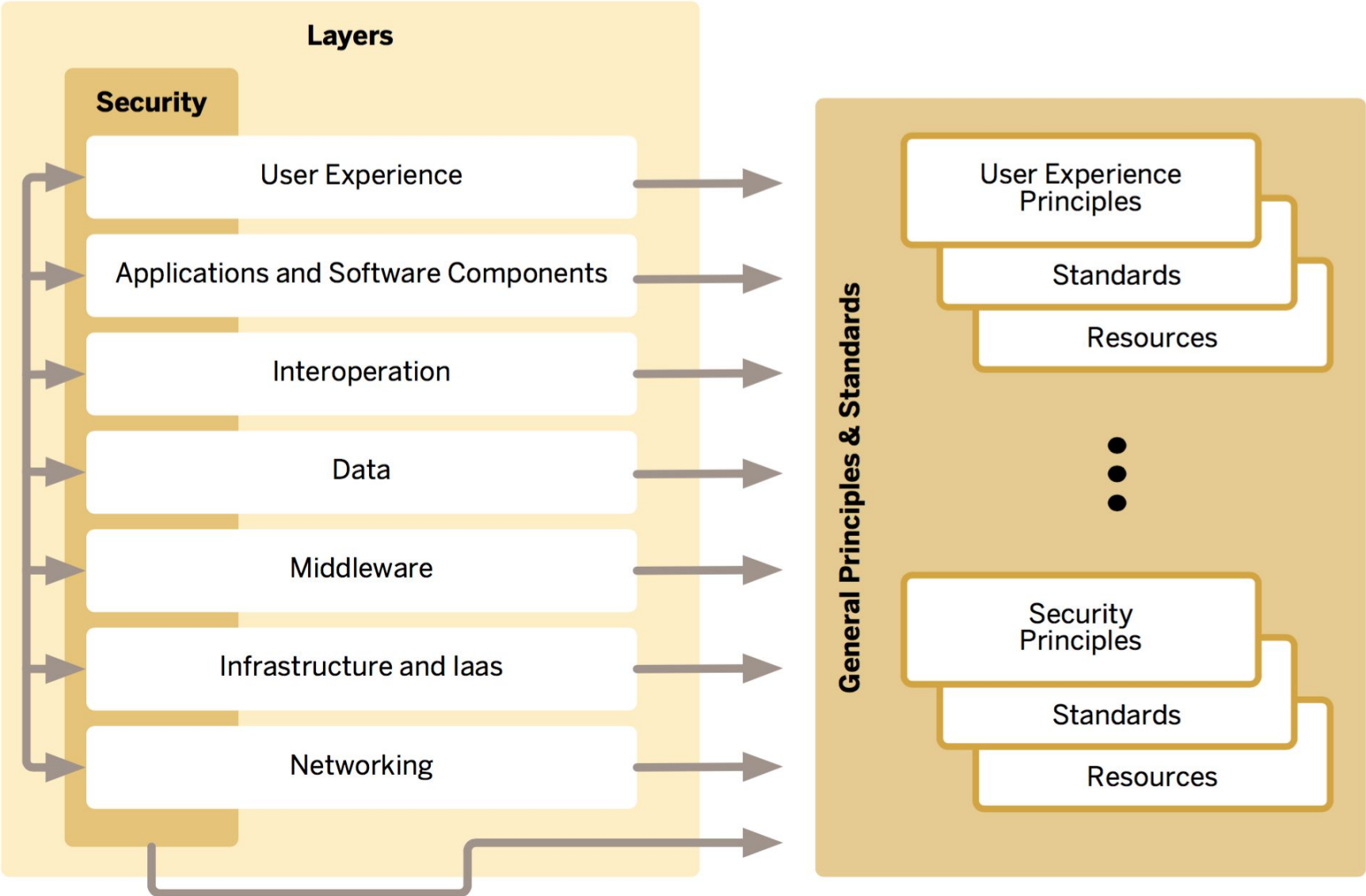
Topics

- Visiting Committee Preparation
- EA website Updates
- EA Community of Practice Proposal
- Additional Updates:
 - IT Academy UX Course
 - Course API Development for SIS and Schools

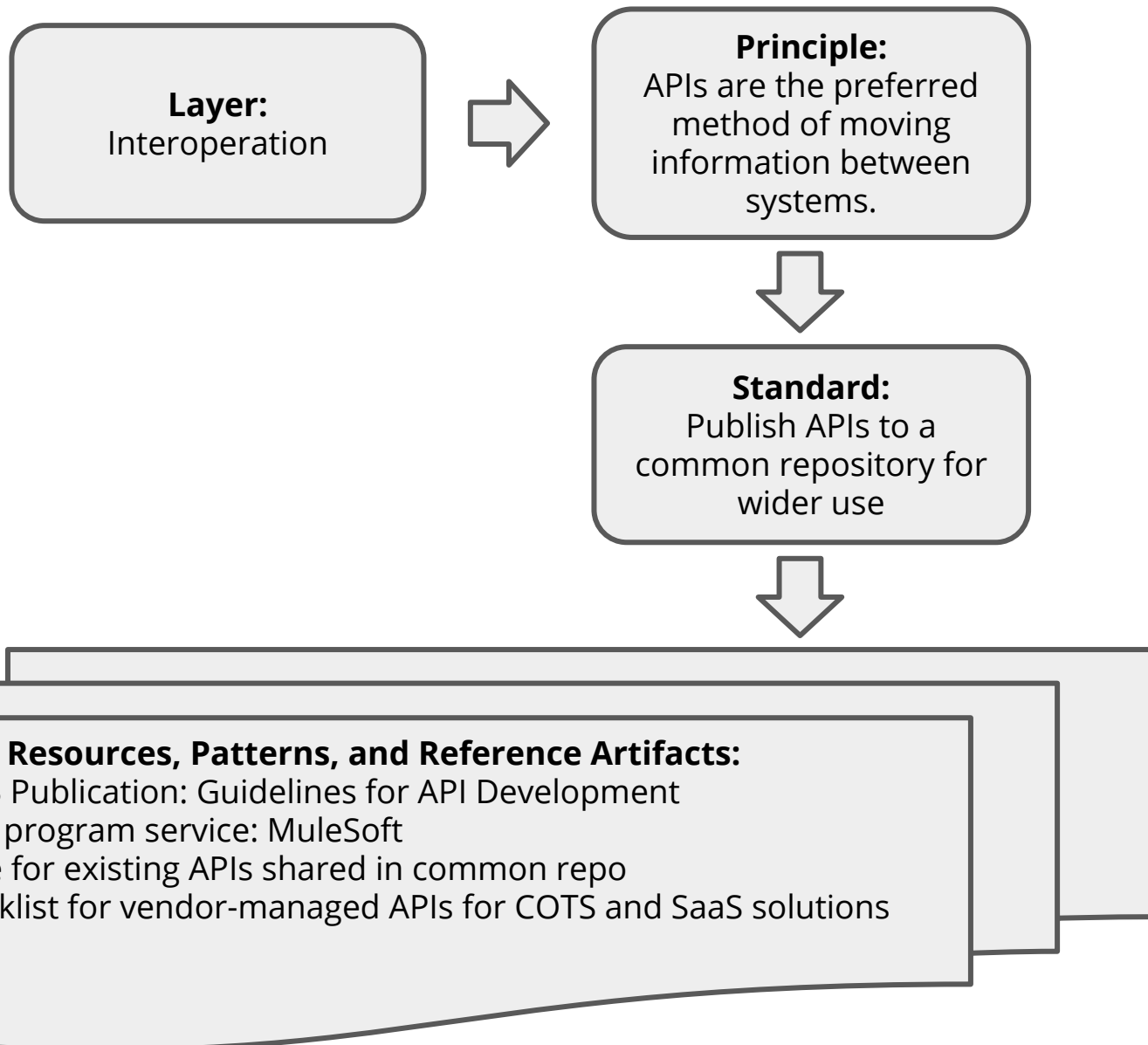
Visiting Committee Preparation

- Major Program Milestone: Visiting Committee Meetings May 1-2
 - Expectation: Demonstrated progress implementing an Enterprise Architecture

Framework Elements



Framework Elements



Visiting Committee Preparation

Total Scope of Effort:

- Draft **Principles** for Each Layer
(Total: 8 x 3-5)
- Discover, Gap Analyze, Draft and Organize **Standards** for Each Layer
(Total: 8 x ??)
- Discover, Gap Analyze, Draft and Organize **Resources** for Each Layer
(Total: 8 x ∞)
- Build, Maintain and Grow a library for all of these **Artifacts**

Visiting Committee Preparation

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Visiting Committee Preparation

- Major Program Milestone: Visiting Committee Meetings May 1-2
 - Expectation: Demonstrated progress implementing an Enterprise Architecture
- Key Deliverable: Publish Vetted Principles for each Architectural Layer
 - Prioritize aspirational goals
 - Reinforce existing best practices

Visiting Committee Preparation

- Key Deliverable: Publish vetted principles for each architectural layer
- Milestone 1: Publishable draft of principles by March 24
 - 4 of 8 complete
 - Draft principles will be published on EA website
- Milestone 2: Validate principles with CIOs/Schools by April 7
 - CIO Tour to solicit feedback on approach *and* draft content
 - Identify school stakeholders to participate in further feedback cycles
- Milestone 3: CIO-Directed School outreach by April 21
 - Obtain feedback from implementation team-level stakeholders
- Milestone 4: Present vetted principles to Visiting Committee: May 1
 - Website revisions

EA Website Updates

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Infrastructure and IaaS | En... x

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Infrastructure and IaaS

Please note that the information on this page is currently in draft form.

The Infrastructure layer encompasses hardware and virtualized platforms that operate applications, services, and their components.

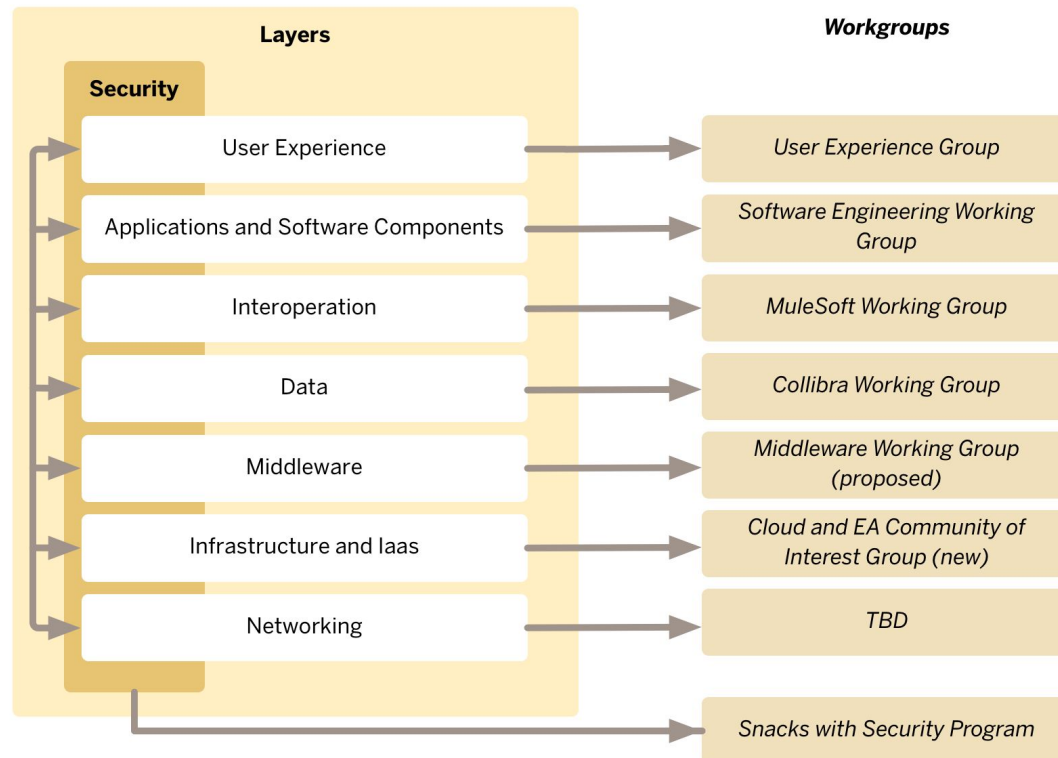
Servers, associated storage components, operating systems, and other computing devices are the common examples of infrastructure, more recently joined by 'cloud'-based infrastructures of Platform-as-a-Service and Infrastructure-as-a-Service.

INFRASTRUCTURE PRINCIPLES

- ▶ Provide infrastructure services that empower Harvard's IT evolution (Functionality)
- ▶ Deliver infrastructure that's needed, well (Quality)
- ▶ Reuse standard capabilities and automated processes whenever possible (Standardization and Efficiency)
- ▶ Empower customers to actively manage performance, cost, and risk (Flexibility)
- ▶ Ensure infrastructure services are secure, resilient, and support Enterprise Architecture standards (Adding Value)

Enterprise Architecture Community of Practice Proposal

- Goal: Connect Communities
 - What we need more than new communities are better connections between the existing ones
- Leverage existing CoPs and Workgroups aligned to layers of the EA:



Enterprise Architecture Community of Practice Proposal

- EA's role is to:
 - Participate in each of these groups
 - Sponsor those that don't exist
 - Bridge them to each other
 - Connect their concerns to the ETAB and other EA practices

Additional EA Updates

- UX Level 1 IT Academy Course Launched
 - First offering of the class filled all seats in less than 24 hours
 - Post-session survey ratings above 4.0 for all measures
 - “The workshop format provided me with skills that we can immediately apply to my job.”
- Commitment to Development of an API for Schools and SIS
 - Agreement between HBS, HLS and SIS to use a common API for sending Course/Class records to SIS for use in University catalog this fall
 - SIS will be ready to accept test data for API by early April
 - Solution aligns with Enterprise Architecture principles for data and interoperability

Questions or comments?

Thank you!



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