

## Business Technology Alignment (BTA) Architecture Working Group Meeting Minutes 01/27/04

<b>Location:</b>	830 1 <sup>st</sup> Street, NW, UCP (room 74D1 / 74D2), 9:30 – 11:00
<b>Present:</b>	<p>Jim Coffman, Acquisitions  Charles Exum, Operations (CSC)  Terry Hardgrave, Pearson EA Team  Corwin Jennings, Ombudsman  Ginger Klock, Students  Matt Portolese, EAI / ITA (Accenture)  Deb White, Pearson EA Team</p>
<b>Agenda:</b>	<p><u>Agenda:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Review / Approve Previous Meeting's Minutes</li> <li><input type="checkbox"/> Secure Shell (SSH) Follow-up</li> <li><input type="checkbox"/> EA Overview</li> </ul>
<b>Action Items:</b>	<p><b>Previous (Open):</b></p> <ol style="list-style-type: none"> <li>1. <b>July 15 – Denise</b> will address the idea of modifying the business case template to emphasize the requirement of an Architecture Working Group review.</li> <li>2. <b>September 9 – Denise Hill</b> to raise the concern that within FSA, there is no single entity that is responsible for web coordination (within FSA AND to ED)</li> <li>3. <b>September 9 – Terry Hardgrave and Sandy England</b> to discuss a mechanism for archiving modernization and out-of-date documentation that may need to be searched, but not available for external usage.</li> <li>4. <b>September 9 – Colleen Kennedy</b> to present on the topic of adding a bonus pack to Interwoven (content management tool) to the Architecture Working Group for review / approval.</li> </ol> <p><b>New:</b></p> <ol style="list-style-type: none"> <li>1. <b>October 21 – Denise Hill and Terry Hardgrave</b> to discuss the open questions related to FTP / Telnet and the IG audit. <b>Update (10/28):</b> A meeting was held on October 28 with representatives from the EA Team, Security and VDC. The attendees will review Charles' Commercial SSH vs Open Source SSH report, scan VDC servers to identify what FTP traffic goes through the VDC (and ED). The goal is to derive an FTP and Telnet standard. <b>Update (01/27):</b> Terry Hardgrave will contact NIST regarding Open Source SSH approval. Charles Exum Jr to research the impact to the applications.</li> </ol> <p><b>Closed:</b></p> <ol style="list-style-type: none"> <li>1.</li> </ol>

<b>Issues/Risks:</b>	n/a
<b>Next Meeting:</b>	<p>Tuesday, February 10<sup>th</sup>, 2004  9:30 am – 11:00 am  830 1<sup>st</sup> Street, NW, UCP (room TBD)</p> <p>Expected Topics:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Approval of previous meeting's minutes</li> <li><input type="checkbox"/> Secure Shell Follow-up</li> <li><input type="checkbox"/> Q Pasa</li> <li><input type="checkbox"/> EA Overview</li> </ul>

**Meeting Discussion Items:**

**Welcome new members of the Architecture Working Group:**

**Jim Coffman** recently joined FSA in the Acquisitions Group. He was asked by Patrick Bradfield to attend.

**Matt Portolese** represented the EAI / ITA group and will be bringing members from the PPS team as EAI / ITA is transitioned from Accenture to PPS.

**Nina Colon** will be representing the Students Channel going forward.

- **Review of Previous Meeting Minutes**
  - ***All items distributed at the meeting should be shared with each respective member's organization.***
  - Due to low participation and new membership, the meeting minutes were reviewed at a high level. No changes were requested.
- **Secure Shell (SSH) Follow-up**
  - Charles Exum (CSC) provided a follow-up presentation to the research focused on comparing Commercial SSH (Secure Shell) vs. Open Source SSH. ED/FSA has been using unencrypted telnet and FTP utilities to connect to servers within their environment. A recent OIG audit recommended that the use of these unencrypted communication utilities should be ceased.
  - SSH is not available for the mainframe; therefore, CSC is currently evaluating WRQ Reflections and Sterling SSL Direct Connect.
  - Open SSH is not on the National Institute of Standards and Technology list of approved products; Commercial SSH is on the list.
  - CSC recommends FSA / ED to move forward with Commercial SSH.
    - Pros
      - Commercial SSH is a proven product
      - Meets FIPS-140-2 (approved encryption products list)
      - Has full accountability for product reliability / vulnerabilities
      - FSA able to keep C & A status
    - Cons
      - VDC Admin staff will require training
      - Costs
        - Commercial SSH: \$20,950+ / month
        - Open Source SSH: \$8,950+ / month
  - Who is using FTP and Telnet? From where?

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- This is manual labor-intensive effort. The VDC could periodically scan the Firewall logs to see who is initiating an FTP session, but it should be done during specific sample periods. It won't always be clear who the originator is since there is no CSC firewall between FSA and VDC on the private link. (FSA has the Firewall on the private link). Also since not all traffic is logged, we might not see all internal FTP traffic.
  - ED / FSA need to respond to the IG audit as soon as possible.
  - Charles is prepared to discuss this topic at any time, and will present the topic again at the next meeting.
- **EA Overview**
    - Deb White distributed copies of the Enterprise Architecture (EA) Overview presentation. This presentation provides insight into the activities of the EA task orders, including business process modeling, capital planning and investment control and IT infrastructure. The presentation has been given to Jerry Schubert, Harry Feely and Ganesh Reddy. Denise is also requesting a spot on the Business Integration Group (BIG) calendar in February. Denise will be prepared to present this topic at the next meeting.
- **Adjourn.**
    - The next meeting date was not discussed, but is tentatively set for Tuesday, February 10<sup>th</sup>.