**Minutes - CDS workgroup meeting *Friday, February 7, 2014***

***Next Meeting – Friday, Feb 21, 2014; 10:00 a.m. PST***

***Websites:*** <https://sites.google.com/site/pescedexchange/>

***And https://github.com/pescCDS/cdsWebserver***

Attendees:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tim Calhoon | CCC Tech Center | X |  | Jason Brown | Parchment | X |
| John DiPirro | CSIS | X |  | Jam Hamidi | BC Campus |  |
| Lenny Robison | CCC Tech Center | X |  | Monterrey Simms | U. of Phoenix | X |
| Dave | Clearinghouse |  |  | Mark Cohen | Parchment |  |
| Nick Nelson | U. Phoenix | X |  | Dan Biondi | CSUS | X |
| Lou Delzompo | Parchment | X |  |  |  |  |

Agenda:

* Review developer progress
* Next action items

Notes, Feb 7, 2014;

1. Tim provided background of PESC, this project and taskforce to Dan Biondi, CSUS Apereo sponsor
2. Tim is added CCC to Apereo membership
3. Monterrey raised question of risk mitigation with this new system open to everyone
   1. Tim and Jason felt that open source tools such as Spring provide better security than that of a closed project. Having many developers peer reviewing code and having the ability to fill holes benefits all users.
4. Apereo – CAS, user interface authorization may be a good option:
   1. Enables single signon
5. EduRoam – provided authentication and access options
6. Discussed CDS Directory Server hosting – seems like Amazon may be a good option with high security;
   1. No worries because we don’t need to store the Authority Certificate
   2. Users are providing the Certificate and we just need the ability to trace back the credentials to the root source
   3. Preferred certificate authorities are 1) InCommon; 2) Verisign;
7. Discussed software maintenance – TBD down the line
   1. Could use a PESC members under contract
8. Lou questioning how Parchment can help the project in order to present to their Board
   1. Provide programming services or write a check to higher out services

Development Environment Notes, Jan 10, 2014;

* Language – Java
* Framework – Apache CXF web services; Spring
* Deployment target – Tomcat
* Configuration of services – Spring
* Security – Spring
* Persistence layer – DataNucleus or Hibernate
* Database schema changes - Liquibase
* Build system – Maven
* Database – MySQL
* Development Environment
  + Eclipse (free) - preference or
  + IntellinJ (free – community edition or commercial version)
* Source Control
  + GitHub (are components free?)
    - Issue Tracking
    - Wiki
* Documentation - Wiki
* Development Methodology
  + Specifications for initial release – as per defined on project site
  + Code review (less important on initial efforts – depends on size of development team and allocation of member’s time)
  + Bi-weekly review for development progress during regular scheduled CDS meetings
* Jam – some time available Feb (pending authorization
* Jason – maybe available mid-Feb
* Development environment setup by early March

Open items:

1. Talk about making Deliver Option Update XML into an XML Template where organizations would have limited and controlled values to specified input fields
   1. Need to define input values
2. Software maintenance – Apereo-open source to develop /PESC-via contract to a member organization to host
   * 1. Operations – PESC-via contract to member organization
3. Who is the Certificate Authority? VeriSign, etc. (Can InCommon be leveraged? Need a conversation with them) Web Services Security vs Shibboleth. With WS Security the CDS Directory Server will maintain a central Trust Store that can be used to update the Network Server’s Trust Stores.
4. Narrative for member organization responsibilities, server requirements, maintenance
5. Decide on level of security to be required or recommended for member web services access.