User Acceptance Test (UAT) Plan

Cloud-based Bioinformatics Tools

AAF Integration Module

Document Version: 1.0

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Contents

1 Document Management

1.1 Contributors

Role	Group	Name
Owner	The Ark	Paul White
Developer	The Ark	Chris Ellis

1.2 Version Control

Date	Version	Author	Section	Amendment
25/06/2012	1.0	Paul White		Initial version
25/06/2012	1.0	Chris Ellis	UAT Strategy	Initial version

2 USER ACCEPTANCE TESTING

2.1 User Acceptance Definition

User Acceptance Testing should ensure that the application performs at an acceptable level for the Customer.

2.2 UAT Responsibilities

Role	Name	Responsibilities
Project Manager	Paul White	Communication with users responsible to agree format and scope of UAT Agree acceptance criteria with the Steering Committee nominee and designated UAT test personnel prior to commencing UAT Ensure that a detailed test plan is available for test users Ensure that bugs identified during UAT are logged in the Jira Issues Log Ensure testing takes place within agreed timeframes
Steering Committee Nominee	Nik Zeps	Ensure appropriate UAT personnel to conduct testing are identified and available. Signoff final test results
UAT Testers	Nik Zeps	Conduct UAT tests

3 UAT STRATEGY

The User Acceptance Test Plan should be used to record the Steering Committee Nominee(s) sign off of the documented scenarios. It is recommended that detailed test plans be used to record the results of user testing.

3.1 Test Approach

The purpose of this test case is to validate the functionality of whether a user of The Ark can log in to the system successfully, by using an AAF authenticated account.

3.2 Assumptions & Constraints

The following is assumed:

1. The test user can successfully access the test environment via the URL: https://test.the-ark.org.au/ark
2. The test user has a valid login to The Ark (internal LDAP user)
3. The test user has an AAF login to the Test Environment (as accessed via the URL: https://ds.test.aaf.edu.au/discovery/DS) either
    1. Within an AAF Virtual Home Environment
    2. Within a Home Institution that has set up a test identity provider
4. The test user's identifier within The Ark matches the required mail (email address) attribute as defined in the AAF core attributes

3.3 Test Scenarios

The test scenarios will be developed to match the requirements for AAF Authentication as specified in Jira.

4 USER TESTING

Scenario	Passed (Y/N)	Date Tested	Notes
1. AAF Authentication			
1.1 A registered AAF user can log into The Ark test instance on the NeCTAR NSP server using AAF Authentication, eg Pheme at UWA (Production environment) or a user within the AAF Virtual Home (Test environnent)) if they have been set up as a user within The Ark	Y	22/6/2012	
1.2 A registered AAF user is not permitted access to a The Ark instance via AAF authentication if the supplied AAF credentials are incorrect	Y	22/6/2012	
1.3 A registered AAF user cannot login to a The Ark instance if they do not have a corresponding entry in The Ark user tables (they have not been set up as user within The Ark)	Y	22/6/2012	
1.4 A user with an entry in The Ark LDAP database can log on to a The Ark instance using The Ark authentication	Y	22/6/2012	
2. The Ark Authorisation			
2.1 A user set up as a The Ark user and authenticated using AAF will have application access commensurate with the authorisations set up in The Ark instance for that user	Y	22/6/2012	
2.2 A user successfully logged in via AAF will have confirmation Shibboleth session attributes displayed within their user details page.	Y	22/6/2012	
3. Logging			
3.1 All successful and unsuccessful AAF authentications should be logged to The Ark database	Y	22/6/2012	

Any issues identified during UAT should be added to The Ark Issues Log in Jira. It may be agreed that UAT can be signed off while some issues remain – please add the Jira reference to the appropriate section above if this is the case.

5 UAT RESULTS

5.1 Open Issues

Please insert a copy of any open issues from Jira, together with details of why these issues remain open at the sign off of the Acceptance Stage.