**Test**

**Key Project/Program Information**

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| Project/Program ID: | ACTUATE Report server Migration |
| Project/Program Type: | Development |
| Project/Program Sponsor: | TBD |
| Project/Program Manager: | TBD |
| Lead Business Unit: | Decision Solutions |
| Planned Delivery: | TBD |
| Platform: | Web (eAccess). |
| Client Name: | N/A |
| Client Number(s): | N/A |
| Client Contact: | N/A |
| Contact Information: | N/A |
| Document Status: | Draft and ongoing |

**Revision History**

| **Version #** | **Date** | **Author / Editor** | **Version / Revision Comments** |
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| V1.0 | 25/01/2018 | Sudhakar Samuel B | All sections |
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**Approvals**

| **Name** | **Area of Responsibility** | **Comments** | **Date** |
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1. Introduction
   1. Document Purpose

This Test and Acceptance Strategy document is a high-level document, which outlines the QA efforts for the complete testing of the ACTUATE Report server Migration. It defines the testing strategy, approach and levels of testing to be performed which the testing team will be using to validate the quality of this product prior to move to Stage/UAT region.

This document also describes the resource needs, schedules, assumptions and risk with contingency plans.

The key market-facing deliverables for this phase include:

* Migrating Actuate old server to new server.
* All report should be generated.
* Report generation should not be any deviation.

Note - This document is for Internal (FIS) purpose only.

* 1. Quality Objectives

The Goal of QA testing is to ensure that we are able to:

* Ensure that all the actuate reports are generate properly
* Ensure all the report are available in database.
* Ensure that able to login actuate from eAccess web
* Ensure that based on the selection reports are generate
  1. Assumptions

Assumptions identify those facts or situations that are being taken as givens for the successful implementation of the Test and Acceptance Strategy. This section describes the project wide assumptions on which testing will be based upon.

1. The following must be ready prior to the commencement of testing:
2. QA E-Access
3. QA Actuate
4. QA Unix
5. QA Database
6. Requirement document in the Sharepoint will be considered the guiding document in determining proper functionality and product defects.
7. Documentation discrepancies are to be resolved by the project team.
8. Any updates to the requirements, needs to be communicated to the Testing team by the Business Analyst / Development staff/PM prior to starting of the tests by the QA Team.
9. Any slippage in the testing start date will result in prioritized testing or the extension of the release date.
10. During QA testing, project team meeting will be held on a weekly basis to update the progress to team and discuss any open issue.
11. The defects will be logged and maintained in the Quality Centre Defect Tracking tool.
12. Majority of the testing will be done using eAccess.
13. Performance Testing will be done for Actuate report.
    1. Constraints
14. The testing for this project will not be affected by any other project that is being tested in the QA region at the same time.
15. If the requirements/designs are changed, the estimates will be revised.
    1. Dependencies
16. Unit testing will have to be completed prior to moving the code to the QA environment.
17. Development Resource will be available to help out the QA team in case of any issue.
18. Connection to Actuate server should be active throughout QA testing.
19. If QA Entry date is delayed, the signoff date may be delayed.
    1. Risk and Contingencies

TBD

| **S. No** | **Risk Priority** | **Risk** | **Contingency Plan** |
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1. Delivery Approach

TBD

1. Test Scope and Approach
   1. Scope Inclusions

**Actuate** reportweb, database and Unix server

* 1. Scope Exclusions

Following are the list of requirements that are not in scope for QA testing.

N/A

* 1. Test Acceptance Criteria / Test Stop Criteria

N/A

1. Test Phases
   1. Unit Testing

N/A

* 1. Integration Testing

N/A

* 1. System Testing
     1. Functional
* Ensure that able to login new actuate report through eAccess.
* Ensure all the report links displayed in the front page.
* Ensure after clicking on the report link, appropriate report is displayed.
* Ensue report content should not be changed between old and server.
* Ensure after closing report page, it navigated to Actuate home page.
* Ensure all the table in database are updated properly.
* Ensure no error in the Actuate Unix server log.
  + 1. Regression

We will take Regression baseline for the existing functionality using the Standard Regression test cases and in the Post Changes we will ensure that the existing functionality is not impacted for all Actuate.

* 1. Performance / Load Testing Strategy
* Ensure no performance time deviation between new and old server
* Ensure no error in the Unix server log, while running performance testing
* Ensure database respond properly while running performance testing
* Ensure no error in the database, while running performance testing

* 1. Acceptance Testing

N/A

1. Resources

The QA resources planned for this project are:

TBD

* 1. Organizational Responsibilities

**Client Responsibilities**

N/A

**FIS Responsibilities**

N/A

* 1. Test Team Training

N/A

* 1. Test Environments

eAccess, Actuate report Unix server and database server.

* 1. Hardware

N/A

* 1. Software

N/A

* 1. Data

Based on the requirement test data will be created.

* 1. Test Tools

Jmeter, and ALM 12.2

* 1. Testing Inputs or Document Requirements

Requirements and design doc in the Share Point.

1. Test Schedule

TBD

1. Defect Management
   1. Defect Severity Guidelines

Please refer to the Defect tracking methodology available in the below SP link

Defect Severity Guidelines

QA team will identify and log the defect severity as Show stopper or Critical or Non-Critical or cosmetic based on the severity of the defect.

* 1. Defect Reporting

Any defects found during QA testing will be logged as an issue in the defect tracking site in the Quality Center application. Defects will be reviewed in meetings with all team and assigned to the appropriate developer for further analysis.

ALM 12.2 tool will be used for submitting and assigning issues that are found during all testing phases.

URL to ALM, v. 12.2

“Live Analysis” reports will be created in ALM tool and presented to the project team via email on daily basis in all testing phases.

Report graphs will display a total number of test cases and number of test cases in statuses below:

Graphical user interface, text, application

Description automatically generated

* 1. Resolving Defects

QA Team will retest and close the defect after the code fix is deployed and ready for retesting.

QA Team will ensure that all the defects are either closed or deferred before the QA Signoff.

1. Appendix
   1. Deliverables

| **Deliverable Name** | **Resource Responsible** | **Publishing Organization** |
| --- | --- | --- |
| Test and Acceptance Strategy | Sudhakar Samuel B | QA |
| Test Cases | Sudhakar Samuel B | QA |
| Test Results | Sudhakar Samuel B | QA |
| Test Summary | Sudhakar Samuel B | QA |
|  |  |  |

* 1. Glossary

N/A

* 1. References

| **Document Title / Other Identifier** | **Date** | **Publishing Organization** | **Description** |
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