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|  | **Summary Test Plan** |  |

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| **Plan Details** | | |
| Module | A3S – Role API’s (Sprint No:) | |
| Date of document | 06/04/2020 | |
| Author | Sarshen Ramsamy | |
| Related Features | <https://wiki.bigbaobab.org/business-analysis/aaa>  <https://wiki.bigbaobab.org/business-analysis/aaa#4-roles> | |
| **Objectives and Scope** | | |
| Objectives | To ensure the above set of features function as expected, this involves testing of the A3S API’s related to the Roles feature.  To create and execute functional tests to confirm the functionality of the above features. | |
| Scope | In-Scope   * Functional testing of API’s related to the A3S Roles feature * Regression Testing Related to the Feature * Any retesting required after bug fixes / code changes * Automation of postman scripts   Out-of-scope   * UAT * Performance Testing | |
| Test Approach | The following API’s will be tested Create Role   * View Role * Update Role * Delete Role * View Role – Audit * Approve Role * Decline Role * List Role   The test script of the above API’s will also allow for automation, this in turn will assist with future regression testing efforts. | |
| Test Tools | * Postman * CicleCI/Jenkins & OA3S specification - ([https://swagger.io/blog/news/whats-new-in-openapi-3-0/](https://urldefense.proofpoint.com/v2/url?u=https-3A__swagger.io_blog_news_whats-2Dnew-2Din-2Dopenapi-2D3-2D0_&d=DwMFaQ&c=HW6sFd2W7ocfSPROWztN-Q&r=5aDLodAUEdiaqMjFhAHedogO2GloZu-Xh5BkRq7PAFg&m=w-kbfw_YibnQp7rk379GuMKraaZGY5Em6ZdrNXtNcXs&s=0UEylDT-8kTvzTgyEMG69Xr9ttLVxA00LnGOcCSyX_I&e=)) * Newman * Redmine | |
| **Testing Details** | | |
| Test Environment | K8S Dev / QA Env | |
| Entry and Exit Criteria | Entry   * Availability of test environment * Configuration of test environment * Availability of developer / support personnel * OA3S specification ([https://swagger.io/blog/news/whats-new-in-openapi-3-0/](https://urldefense.proofpoint.com/v2/url?u=https-3A__swagger.io_blog_news_whats-2Dnew-2Din-2Dopenapi-2D3-2D0_&d=DwMFaQ&c=HW6sFd2W7ocfSPROWztN-Q&r=5aDLodAUEdiaqMjFhAHedogO2GloZu-Xh5BkRq7PAFg&m=w-kbfw_YibnQp7rk379GuMKraaZGY5Em6ZdrNXtNcXs&s=0UEylDT-8kTvzTgyEMG69Xr9ttLVxA00LnGOcCSyX_I&e=)) for A3S Roles API   Exit   * All open incidents to be addressed by business * All Critical bugs to be resolved * System under test meets its objectives | |
| **People** | | |
| Roles and responsibilities | 1. Melissa Palmer – Technical Lead 2. Jan Opperman – Project Sponsor 3. Victor Szewczenko – Developer 4. Sarshen Ramsamy – Test Engineer | |
| **Risks and Issues** | | |
| Issues/Risks | Test Team does not have exclusive access to environment | Activity on the environment can impact testing, for example if someone is executing a batch job, ie placing the environment under load can affect the tests or alternate users can impact test data. |
|  | Environment is not setup correctly | If the environment is not setup correctly test results maybe affected or return values that are not realistic or in line with what will be seen on the live environment |

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| **WBS \ Schedule -** [https://redmine.bigbaobab.org/versions/342](https://urldefense.proofpoint.com/v2/url?u=https-3A__redmine.bigbaobab.org_versions_342&d=DwMFaQ&c=HW6sFd2W7ocfSPROWztN-Q&r=5aDLodAUEdiaqMjFhAHedogO2GloZu-Xh5BkRq7PAFg&m=w-kbfw_YibnQp7rk379GuMKraaZGY5Em6ZdrNXtNcXs&s=HVA886kH5sPTa3kFP5jfdALCVnPCsLr3RvCpiZuyjU8&e=) | | | | |
| **No** | **Activity** | **Start** | **End** | **Owner** |
| 1 | Create test cases for Create Role API | 07/04/2020 | 08/04/2020 | Sarshen Ramsamy |
| 2 | Create test cases for View Role API | 07/04/2020 | 08/04/2020 | Sarshen Ramsamy |
| 3 | Create test cases for Update Role API | 07/04/2020 | 08/04/2020 | Sarshen Ramsamy |
| 4 | Create test cases for Delete Role API | 07/04/2020 | 08/04/2020 | Sarshen Ramsamy |
| 5 | Create test cases for View Role - Audit API | 07/04/2020 | 08/04/2020 | Sarshen Ramsamy |
| 6 | Create test cases for Approve Role API | 07/04/2020 | 08/04/2020 | Sarshen Ramsamy |
| 7 | Create test cases for Decline Role API | 07/04/2020 | 08/04/2020 | Sarshen Ramsamy |
| 8 | Create test cases for List Role API | 07/04/2020 | 08/04/2020 | Sarshen Ramsamy |
| 9 | Test Execution | TBC | 31/05/2020 | Sarshen Ramsamy |
| 10 | Report Creation | TBC | 31/05/2020 | Sarshen Ramsamy |
| 11 | Regression Testing (If required) | TBC | 31/05/2020 | Sarshen Ramsamy |
| 12 | Final Report Creation | TBC | 31/05/2020 | Sarshen Ramsamy |
| 13 | Automation Test Pack creation | TBC | 31/05/2020 | Sarshen Ramsamy |
| 14 | Test Closure (Test Pack Creation) | TBC | 31/05/2020 | Sarshen Ramsamy |