**VistA Service Assembler Phase 2 (VSA-P2) 3.0.2**

**Version Description Document (VDD)**



**March 2016**

**Document Version 1.0**

**Department of Veterans Affairs (VA) Office of Information and Technology (OI&T) Product Development (PD)**

**Document Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 03/31/2016 | 1.0 | Tech Edit:  • Baselined document.  • Verified standards, styles, and Section 508 conformance. |  |
| 03/28/2016 | 0.1 | First Draft.  Based on the ProPath VDD template Version 2.3, released in December 2015. |  |

**Deliverable (Product) Version History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Release / Revision** | **Description** | **Project Name** | **VA Department** |
| 03/28/2016 | VSA VistA.js  3.0.2 IOC Release | The VSA VistA.js 3.0.2  Federation Platform is a generative framework and delivery platform for building Web Servers, Services, and Applications on-demand on a properly layered enterprise architecture. This release is targeted at IOC. | VistA.js |  |

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**1 General Configuration Management Information**

**Table 1: General Configuration Management (CM) Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Deliverable (Product) Name** | **Configuration**  **Manager** | **VDD Package Name** | **Project / Delivery Team** |
| VistA.js 3.0.2 IOC Release |  | VistA.js VDD Release  3.0.2 Package | VistA.js / Lori Spencer (Apex  Data Solutions)  VSA VistA.js Platform / Matt Bombaugh (Apex Data Solutions) |

**2 Configuration Management (CM) Tools**

**Table 2: CM Tools**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CM Tools** | **CM Tool Location** | **Tool**  **Onsite/ Offsite** | **CM Tool Access**  **Point of Contact** | **Access Information**  **(Forms or other access requirements)** |
| Rational Team  Concert (RTC) | JAZZ IBM Suites | Onsite |  |  |

**3 Configuration Management of Documents**

**3.1 Rational ClearCase Documents**

Table 3 lists the ClearCase location for the documents and ClearCase explanation for the information.

**Table 3: Rational ClearCase Documents**

|  |  |
| --- | --- |
| **ClearCase**  **Information** | **Explanation** |
| ClearCase Server | N/A – This project does not reside in either the ClearCase or ClearQuest  databases. |
| Project Version Object  Base (Pvob) | N/A |
| ClearCase Project  Name | N/A |
| ClearCase Stream | N/A |
| Component | N/A |
| Baseline | N/A |
| Documents Included in the Baseline | N/A |

**3.2 Rational Change and Configuration Management (CCM) Documents**

Table 4 lists the Change and Configuration Management (CCM)/Rational Team Concert (RTC) location for the documents and CCM/RTC explanation for the information.

**Table 4: Rational Changes and Configuration Management Documents**

|  |  |
| --- | --- |
| **CCM/RTC Information** | **Explanation** |
| CCM URL |  |
| CCM Project Area | VSA (CM) |
| CCM Team Area | VSA (CM) |
| CCM Stream | N/A |
| Baseline ID | VistA.js 3.0.2 |
| Components | VA SharePoint |
| Directory Path |  |
| Documents  Included  In the Baseline | CLIN0002AN\_Release Notes\_03282016\_VistAjs  CLIN0004AF\_SourceCodeChangeReport\_03282016\_VistAjs CLIN0004AG\_Sprint Retrospective-Sound Bytes\_03282016\_VistAjs CLIN0002BJ\_Installation Guide\_03282016\_VistAjs CLIN0002AB\_RTM\_03282016\_VistAjs CLIN0002AA\_RSD\_03282016\_VistAjs |

**4 Configuration Management Development Files**

**(Ex. Source, JSP, Configuration, and Build Files)**

**4.1 Rational ClearCase Repository**

Table 5 lists the ClearCase location for the documents and ClearCase explanation for the information.

**Table 5: Rational ClearCase Repository**

|  |  |
| --- | --- |
| **ClearCase**  **Information** | **Explanation** |
| ClearCase Server | N/A |
| Project Version Object  Base (Pvob) | N/A |
| ClearCase Project  Name | N/A |
| ClearCase Stream | N/A |

**4.1.1 Baseline**

Table 6 lists the baseline name, such as a label or tag.

**Table 6: Baseline**

|  |  |
| --- | --- |
| **Name** | **Description** |
| VistA.js 3.0.2  IOC Release | The VSA VistA.js 3.0.2 Federation Platform is a generative framework and delivery  platform for building Web Servers, Services, and Applications on-demand on a properly layered enterprise architecture. Features include:  • Bug fixes for VSA VistA.js 3.0.1.1.  • A foundation for instantiating VistA servers that read and write data to and from VA VistA systems, and federators to coordinate read/write activity across a set of VistA servers.  • An RPC Wizard application for RESTifying remote procedure calls (RPCs).  • An API Browser application for finding, previewing, testing, and using  RESTified RPCs to access VistA data using JavaScript, REST, and JSON.  • This release is targeted at IOC. |

**4.1.2 Component(s)**

Table 7 lists where a set of artifacts are grouped and managed.

**Table 7: Components**

|  |  |
| --- | --- |
| **Name** | **Description** |
| VSA VistA.js SharePoint Repository | Contains all deliverable documentation submitted to the VA for review and approval: |

**4.2 Rational Change and Configuration Management (CCM) Repository (Formerly RTC)**

Table 8 lists the CCM/RTC location for the documents and CCM/RTC explanation for the information.

**Table 8: Rational CCM Repository**

|  |  |
| --- | --- |
| **CCM/RTC Information** | **Explanation** |
| CCM URL |  |
| CCM Project Area | VSA (CM) |
| CCM Team Area | VSA (CM) |
| Stream | N/A |
| Baseline ID | VistA.js 3.0.2 |

**4.2.1 Component(s)**

Table 9 lists where a set of artifacts are grouped and managed.

**Table 9: Component(s)**

|  |  |
| --- | --- |
| **Name** | **Description** |
| VSA VistA.js SharePoint Repository | Contains all deliverable documentation submitted to the VA for review and approval: |

**4.2.2 Build Information**

Table 10 lists the general build information that results from the build process.

**Table 10: Build Information**

|  |  |
| --- | --- |
| **Name** | **Description** |
| Build Output | See the **Source, Maestro,** and **Environment** files uploaded to Task #**298652** in JAZZ. |
| Build Output  Directory |  |
| Target Deployment Location | This will be installed in the EDE Test Environment #4. |

**4.2.3 CCM/RTC Build Definition**

IOC Release (3.0.2).

**4.2.4 Build Label or Number**

Table 11 lists the identifier for the derived object or package that was produced for deployment and/or install.

**Table 11: Build Label or Number**

|  |  |
| --- | --- |
| **Name** | **Description** |
| VSA VistA.js 3.0.2 IOC Release | JAZZ Task # **298652** |

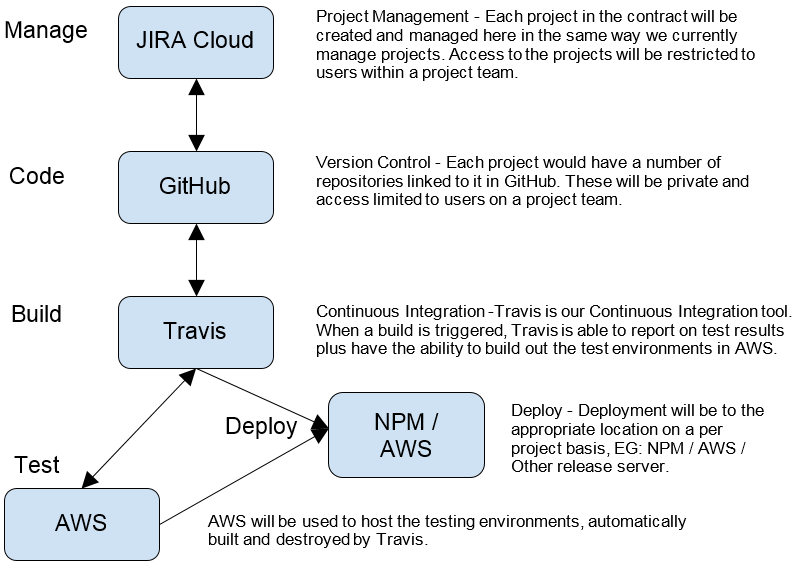
**5 Build and Packaging**

**5.1 Build Logs**

**REF:** For information that pertains to Build Logs, see Section 5.2.



**Figure 1: Internal Development Infrastructure and Associated Tools for Delivering**



**5.2 Build System/Process Information**

As a baseline configuration, the projects will be managed in the following way:

**Manage**

For managing the projects, Apex uses JIRA Cloud. Developers and Testers use this as their primary task repository for:

• Cataloging new features

• Adding bugs

• Addressing bug fixes

Project managers use this as their primary tool for:

• Getting an overview of the project tasks

• Creating backlogs, epics, and sprint cycles

• Running reports

• Reviewing progress

**Code**

GitHub is used to manage source code repositories. Code is stored initially in private repositories with access limited to the project teams. Developers create a personal account on GitHub and are added to the relevant project teams by the designated team leads.

All projects are given at least one repository to develop. The model Apex uses for development gives Technical leads write permission on Master, with other developers using the branch/merge model via pull requests. Technical leads are responsible for managing/enforcing this model.

JIRA is integrated with GitHub, which allows the development progress to be depicted visually. This integration is beneficial, as it links commits to issues/bugs, and sets resolution and log times all from the commit line. Developers are responsible for using smart commits.

**Build**

GitHub is used to manage source code repositories. Code is stored initially in private repositories with access limited to the project teams. Developers create a personal account on GitHub and are added to the relevant project teams by the designated team leads.

All projects are given at least one repository to develop. The model Apex uses for development gives Technical leads write permission on Master, with other developers using the branch/merge model via pull requests. Technical leads are responsible for managing/enforcing this model.

JIRA is integrated with GitHub, which allows the development progress to be depicted visually. This integration is beneficial, as it links commits to issues/bugs, and sets resolution and log times all from the commit line. Developers are responsible for using smart commits.

**6 Change Tracking**

**Table 12: Change Tracking**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Change Tracking**  **Tool** | **Change**  **Tracking Tool**  **Location** | **Tool**  **Onsite/ Offsite** | **Change**  **Tracking Tool**  **Access / POC** | **Access Information (Forms or other access**  **requirements)** |
| Rational Team  Concert (RTC) | JAZZ IBM Suites | Onsite |  |  |

**6.1 Rational ClearQuest Repository Information**

**Table 13: Rational ClearQuest Repository Information**

|  |  |
| --- | --- |
| **Name** | **Description** |
| ClearQuest Product  Database | N/A - This project does not reside in either the ClearCase or ClearQuest databases. |
| ClearQuest (Web  URL) | N/A |
| Query or Condition  Definition | N/A |

**Table 14: Rational ClearQuest Repository Summary**

|  |  |
| --- | --- |
| **Change Request ID** | **Summary** |
| N/A | N/A – This project does not reside in either the ClearCase or ClearQuest  databases. |

**6.2 Rational Change and Configuration Management (CCM) Repository (Formerly RTC)**

**Table 15: Rational CCM Repository**

|  |  |
| --- | --- |
| **Location** | **Terms** |
| CCM URL |  |
| CCM Project Area | VSA (CM) |
| CCM Team Area | VSA (CM) |

**Table 16: Rational CCM Repository Summary**

|  |  |
| --- | --- |
| **Work Item ID** | **Summary** |
| JAZZ Task # **298652** | VSA VistA.js 3.0.2 IOC Release |

**7 Release (Deployment) Information**

**Table 17: Release (Deployment) Information**

|  |  |  |
| --- | --- | --- |
| **Release Identification** | **Release Package**  **POC Name** | **Release Package POC Email** |
| VSA VistA.js 3.0.2 IOC Release |  |  |

**Table 18: Release Package Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Release Package**  **(Component) Identified** | **Release Package**  **Description** | **Release Package**  **Delivery Method** | **Release Package**  **Location Identified** |
| VSA VistA.js 3.0.2 IOC Release | Please see JAZZ Task Item **298652** | JAZZ RTC / VSA (CM) | Please see JAZZ Task  Item **298652** |

**8 Additional Supporting Documentation Date**

**Table 19: Additional Supporting Documentation Date**

|  |  |  |
| --- | --- | --- |
| **Document Name** | **Revision** | **Date** |
| See Section Table 4 for additional supporting documentation associated with this build. | N/A | N/A |

**Appendix A—Approval Signatures**

REVIEW DATE:

SCRIBE: Apex Data Solutions

Signed:

Date

Date

Date

Date