|  |
| --- |
| Document ID: LST-1292  Revision ID: 0  Effective Date: 01/12/2021 |
|  |
|  |
| **List** |
| SR2ML Configuration Items List |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Applicability: | Configuration Items List |  | eCR Number: |  |
| Manual: | | | | |

REVISION LOG

| Rev. | Date | Affected Pages | Revision Description |
| --- | --- | --- | --- |
| 0 | 11/30/2020 | All | Creation of the Configuration Items List |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

CONTENTS

[1. PURPOSE 4](#_Toc15451642)

[2. SCOPE 4](#_Toc15451643)

[3. RESPONSIBILITIES 4](#_Toc15451644)

[4. LIST 4](#_Toc15451645)

[4.01 Software, Hardware, and Documentation 4](#_Toc15451646)

# PURPOSE

This document identifies all SR2ML plug-in *configuration items (CIs)* (see def.). This document also identifies the level designation needed to modify CIs that can potentially affect the ability of SR2ML plug-in to comply with NQA-1.

# SCOPE

This list is intended to identify all CIs for SR2ML plug-in, to provide a document to submit into the EA repository, and an aid to identify how severe a change to SR2ML plug-in will be.

# RESPONSIBILITIES

The Asset Owner is responsible for maintaining this list and, when necessary, updating the EA repository when the configuration items list changes.

The Asset Owner is also responsible for maintaining configuration management in accordance with PLN-5552, “RAVEN and RAVEN Plug-ins Software Quality Assurance Plan.”

# LIST

## Software, Hardware, and Documentation

| Table 1. Software, Hardware, and Documentation | | | |
| --- | --- | --- | --- |
| **Configuration Item** | **Component** | **Description** | **Repository/Location** |
| **Application Source Code** | SR2ML plug-in | Source Code for SR2ML plug-in | GITHUB |
|  | RAVEN | Source Code for the RAVEN code. The SR2ML requires RAVEN to be functional. | GITHUB |
| **System Software** | Python 3.x | SR2ML Software language ***(Current versions are maintained in the EA repository)*** | Enterprise Architecture (EA) (put code here xxxxx) |
|  | Unix-compatible systems | Any compatible Unix system (or Unix-like) | N/A |
|  |  |  |  |
| **Support Software** | GITHUB CI | Continuous Integration, Verification, Enhancement, and Testing. This is the continuous integration system used by SR2ML for automatic testing. | GITHUB  Installed in all the Regression Automatic Test Machines (Test Servers) |
| **Hardware** | Test Servers | These servers are used to test the SR2ML functionality. It will use a “snapshot” of live data to perform the tests. If testing on the server fails, that version of SR2ML is sent back to the Development Server for further configuration.  ***(Complete and up-to-date list of servers is maintained in EA repository)*** | General Purpose Enclave  EROB |
|  | Workstations  Laptops  Personal Computer | These consist of computer terminals that the end users use to access the software. | N/A |
| **Documentation** | SDD-560 | SR2ML Safety Software Determination | EDMS |
|  | ALL-000853 | SR2ML Quality Level Determination | EDMS |
|  | Entry #xxxxx | SR2ML Enterprise Architecture | EDMS |
|  | PLN-5552 | RAVEN and RAVEN Plug-ins Software Quality Assurance Plan | EDMS |
|  | PLN-5552 | RAVEN and RAVEN Plug-ins Configuration Management Plan | EDMS |
|  | PLN-5552 | RAVEN Software Test Plan and V&V | EDMS |
|  | PLN-5552 | RAVEN and RAVEN Plug-ins Asset Maintenance Plan | EDMS |
|  | SPC-2366 | RAVEN Software Requirements Specification and Traceability Matrix | EDMS |
|  | SDD-513 | RAVEN Software Design Description | EDMS |
|  | SPC-2980 | SR2ML Software Requirements Specification and Traceability Matrix | EDMS |
|  | SDD-560 | SR2ML Software Design Description | EDMS |
|  | INL/EXT-15-34123 | RAVEN User Manual | GITHUB |
|  | INL/EXT-18-44465 | RAVEN Theory Manual | GITHUB |
|  | INL/EXT-16-38178 | RAVEN User Guide | GITHUB |
|  | INL/EXT-20-57857 | SR2ML User Manual | GITHUB |
|  |  |  |  |