

CONFIGURATION ITEM DATA LIST (CIDL)

MAAS\_CDS V2.5.0

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Issuing entity: DG Telespazio France (holder of the original)

ENREGISTREMENT DES EVOLUTIONS / *CHANGE RECORDS*

|  |  |  |  |
| --- | --- | --- | --- |
| ISSUE | DATE | § : DESCRIPTION DES EVOLUTIONS  § : CHANGE RECORD | REDACTEUR  AUTHOR |
| 1.10 | 2022/03/22 | First issue for delivery of v1.10 release for phase 1 of contract | T. Testasecca |
| 1.11 | 2024/06/13 | Delivery of 2.5.0 on github https://github.com/coordinationdesk/end2end\_monitoring\_dashboard | A Jammes |
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# INTRODUCTION

A configuration item is a component of a system that can be identified as a self-contained unit for purposes of change control and identification. In other words, version numbers and configuration item registration codes help in uniquely identifying configuration items. Configuration items play an important role in configuration management systems. The versions and changes of configuration items form a major part of any configuration audits.

The configuration item data list (CIDL) is a document giving the current design status of a configuration item (CI), at any point of time in sufficient detail, providing its complete definition. It controls its evolution during the programme or project life cycle.

This CIDL is the first official issue of the document delivered for closure of phase 1 of the contract. This CIDL describes the configuration of delivered version MAAS\_CDS V2.5.0 in delta from MAAS\_CDS V1.10.

# APPLICABLE AND REFERENCE DOCUMENTS

## Applicable Documents

The following documents are contractually applicable to the content of this delivery and are denoted AD.n, where 'n' is the number in the list below:

| **Acronym** | **Reference** | **Title** |
| --- | --- | --- |
|  | [AD-SOW1] [AD-TSR1] ESA-EOPGC-SOW-3 issue 1 | Statement Of Work |
|  | [AD-SLA] PS RFP-SLA\_v1 | SLA Requirements |

Table 1 : List of applicable documents

## Reference Documents

The following is a list of documents with a direct bearing on the content of this delivery. Where referenced in the text, these are identified as RD.n, where 'n' is the number in the list below:

| **Acronym** | **Reference** | **Title** |
| --- | --- | --- |
|  | MAAS CDS Test report | MAAS\_CDS\_TR\_0014 |

Table 2 : List of reference documents

# TERMS, DEFINITIONS AND ABBREVIATED TERMS

The following terms have been used in this report with the meanings shown.

| Term | Definition |
| --- | --- |
| CIDL | Configuration Item Data List |
|  |  |

Table 3 : List of terms

# CONFIGURATION LIST

The following chapter will give the lists of all configured items on project MAAS\_CDS which will be deployed and delivered for version V2.5.0.

## Hardware System Configuration

N/A

## Software Configuration

### Overview

The software configuration is given by many items such as source code files and paths, documents, tags. All these last define the software configuration thanks to their unique identifiers.

The source code is identified thanks to the configuration management tool (GITLAB) which attributes a unique identifier to each recorded modified source: a commit number or “SHA1”.

For each SHA1, a comment is associated to describe the modification. This comment contains the reference of the JIRA ticket which tracks the modification (bug or request) and all its associated analysis.

The development documentation is also managed into GITLAB. Its unique identification is ensured thanks to the GITLAB SHA1.

When a release or a main step is reached, a tag is set on sources and on documentation to fix the release version.

This tag is unique and matches the following format: X.Y.Z (where X, Y and Z are numbers, composing the product version).

### Version

The last deployed version of MAAS\_CDS is the version V2.5.0.

The sources of the current version are tagged as described in [Software Components](#_Software_Components).

They are stored in the version control TPZ system: https://gitlab2.telespazio.fr/

All identified documents, software components, binaries and data files are delivered for this version

### Software Components

The software product is composed of several components.

Here is for each component its name and its current version:

|  |  |  |  |
| --- | --- | --- | --- |
| **Component** | **Tag Name** | **Last Release Date** | **Modified/Unchanged since last Release** |
| maas-cds | 2.4.1 | 13/06/2024 | Modified |
| maas-collector | 3.5.1 | 13/06/2024 | Modified |

Table 4 : Sub-Components List

### Inventory of Materials

N/A

### Sources

For each delivery, a table should be provided containing the PATH, the name, the unique identifier, the checksum and the modifications done since last release of each delivered source.

But the MAAS V2.5.0 delivery is not planned to contain sources.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Source PATH** | **identifier** | **Last Release Date** | **checksum** | **Modified/Unchanged since last Release** |
| maas\_engine-2.2.2.tar.gz | github | N/A | 13/06/2024 | 0f2ff6494293229a63c1a7fffbca47f37407a2063ea213dd24c0cbed7179c757 | Modified |
| maas\_collector-3.5.1.tar.gz | github | N/A | 13/06/2024 | 0b78e6ac21b2b77414108e36bea17d131bf05a689f3c67d97833afcd237d60b5 | Modified |
| maas\_model-2.0.1.tar.gz | github | N/A | 13/06/2024 | ed6eca7ebbfe8592beafa63b1eff8821918315c8aa439118cf6c769a005063d5 | Modified |
| maas-cds-2.4.1.tar.gz | github | N/A | 13/06/2024 | 6d486467880c6ddab424cd46be1300c51a86023d40ec79048f61b885a6652f48 | Modified |

Table 5 : Source Code List

### Binaries

Here is the list of all generated binaries of the product.

These binaries will be delivered into a whl files and docker tar gz compressed images.

For each of them, the table below gives its PATH, its name, its unique identifier, its checksum and if it has been modified since last release date.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Binary Name** | **Binary PATH** | **Identifier (Image\_Id)** | **Last Release Date** | **Modified/Unchanged since last Release** | **Checksum** |
| maas\_engine-2.2.2-py3-none-any.whl | github | N/A | 13/06/2024 | f8b5a141c620f7166c61c3381f0194f3addb564ddb9c561c40ac0485fa68c584 | Modified |
| maas\_collector-3.5.1-py2.py3-none-any.whl | github | N/A | 13/06/2024 | c4c2a33d72eb9b4979d92355add04dbd783f941e179f64705fe77154c6f68f6e | Modified |
| maas-collector\_3.5.1.docker.tar.gz | github | N/A | 13/06/2024 | d5aae8302b9619b596fa2a48e04ad8dcf31bc12836b0bd0dc86d96164c7e6e6c | Modified |
| maas\_model-2.0.1-py2.py3-none-any.whl | github | N/A | 13/06/2024 | f3dc971b4dc76cf2d16d4fad5ac7cc77df635badf2d4fe144b1853e1ffc4c047 | Modified |
| maas\_cds-2.4.1-py2.py3-none-any.whl | github | N/A | 13/06/2024 | a73e8d55879cf638b707384ee7ca290a4c4b5c65eb0389f62fccb71d8d789673 | Modified |
| maas-cds\_2.4.1.docker.tar.gz | github | N/A | 13/06/2024 | f20ea6f1f830d3c964be7138da8417c137876253b068e435be024f13157bf17a | Modified |

Table 6 : Binaries List

### Data files

N/A

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Source PATH** | **identifier** | **Last Release Date** | **Modified/Unchanged since last Release** | **Checksum** |
| N/A | N/A | N/A | N/A | N/A | N/A |

Table 7 : Data Files List

## Change list

This section lists evolution and correction made on this release in delta from release v1.10

### Evolutions

Following new features have been implemented in the release :

* New accounts created for the production dashboard including all CSC services
* Update of datatake completeness thresholds used in the anomaly correlation dashboard (from 98% to 92%)

### Fixed anomalies

The table below lists all SPR fixed in the release V2.5.0. Tickets are tracked in the OMCS JIRA.

|  |  |
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| **Ticket ID** | **Summary** |
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Table 8 : Fixed anomalies List

## Documentation

The delivered product documentation is listed in the table below.

The following document categories have been identified for TPZF projects:

* Specification: for all documents describing the needs and requirements expected for the product
* Design: for all documents describing the settings and structures set to realize the product
* Tests: for all documents describing or defining the needed or planned tests
* Report: for all kind of reports
* Manual: for all documents describing the use or management of the product.
* Definition: for all documents giving the exact content of a product version

|  |  |  |  |
| --- | --- | --- | --- |
| **Document type** | **Document Name** | **Document reference** | **Last version** |
| Manual | MAAS CDS Installation manual | MAAS\_CDS\_MI\_0012 | 1.1 |
| Manual | MAAS CDS User manual | MAAS\_CDS\_MU\_0013 | 1.1 |

Table 9 : Documents List

## Development environment

The product development is done on Office PCs with access to a LINUX Virtual Machine.

The following software and cots are used:

* Grafana
* Postgres
* Elastic (Opendistro)
* Keycloak
* RabbitMQ
* AgGrid
* Bucket S3
* Kubernetes
* Docker
* Java
* Python 3.x
* ReactJS
* Robot Framework
* Cypress

## IVV environment

The product testing is done on a TPZ platform, using

* Kubernetes
* Docker
* Continuous integration and deployment (Git Lab CI on develop branch)
* Robot framework non regression automated tests at night

See delivered test report document [RD.1] for test results for this release.

## Operating System

This chapter will describe the operating environment where the product will be used.

It will be completed for the next deliveries.

### Hardware

N/A

### Settings

Here is the list of all files that must be used for operating configuration:

* A zipped helm chart (for Kubernetes cluster)
* The configuration files

The zipped file and the configuration files are all managed into GITLAB. And the zipped file is archived into NEXUS by TPZF.

For each of the configuration files, the table below gives its PATH, its name, its unic identifier, its checksum and if it has been modified since last release date.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Source PATH** | **identifier** | **Last Release Date** | **Modified/Unchanged since last Release** | **Checksum** |
| Maas-cds-values2.5.0.tgz | values/ | maas-cds-1.0.0 | 13/06/2024 | Modified | 7174ff84fa98d913922d27542e232648bf095c3c , |
| omcs-namespace.yaml | Maas-cds-values2.5.0.tgz | omcs-namespace | 13/06/2024 | New | e8d5b5bf68fb34282dce88f701339f0dc3d0ee14ca4d94237ad33abd264e8911 |
| omcs-store.yaml | Maas-cds-values2.5.0.tgz | omcs-store | 13/06/2024 | Modified | 3d573da9613a212539a5bf3bb810f481999df223e65ce0bb91cc2bb41922a49d |
| omcs-container-registry.yaml | Maas-cds-values2.5.0.tgz | omcs-container-registry | 13/06/2024 | New | 67d71e7d3fbb33642c6b81314e1769e585c5b8b3771b557b4a400071c43aa2c8 |
| omcs-db-init.yaml | Maas-cds-values2.5.0.tgz | omcs-db-init | 13/06/2024 | New | 9e78e847529663ed41971292eea0de5c37ebe44b3b03c3a3c486743934a2a787 |
| values-prod-db.yaml | Maas-cds-values2.5.0.tgz | values-prod-db | 13/06/2024 | Modified | 7caf2e42d76929e5cfa248824100cdc6faa2efc99b5a58ac1fba8a593d29d117 |
| values-prod-etl.yaml | Maas-cds-values2.5.0.tgz | values-prod-etl | 13/06/2024 | Modified | fe9619fadc97e2a5d609ec7ddfc73c8a6ba74428284d8616f7272a47657bca34 |
| values-prod-front-db.yaml | Maas-cds-values2.5.0.tgz | values-prod-front-db | 13/06/2024 | Modified | 938fdd41f65f205ae92c9c1e125a454f5daa3f395ce690f09cc9e19f5e302387 |
| values-prod-front.yaml | Maas-cds-values2.5.0.tgz | values-prod-front | 13/06/2024 | Modified | 4650091ba8ca9cc481e551b6dc16f2875ff83c93529b27bd2d950d82b60e1fd5 |
| values-prod-rmq.yaml | Maas-cds-values2.5.0.tgz | values-prod-rmq | 13/06/2024 | Modified | 128bd32f8993234be440b79d85d2b24c3ed3ddfc757dcd47f31e6b90b228422d |
| es-snapshot-pvc.yaml | Maas-cds-values2.5.0.tgz | es-snapshot-pvc | 13/06/2024 | New | 9615df8cbc3754e3a43e15167e68531785ad2f24ad8402b823e1803715133378 |
| repro-namespace.yaml | Maas-cds-values2.5.0.tgz | repro-namespace | 13/06/2024 | New | 209fca9d0ba220933b5b22533e09841d24f4d81acb5979264c7f3a528df7c9e1 |
| values-repro-db.yaml | Maas-cds-values2.5.0.tgz | values-repro-db | 13/06/2024 | New | f9dc25d3d828e3daa5406bd4627a9c3e2e6aff1260ca6b18ddc592a1ae18cb5a |
| values-repro-rmq.yaml | Maas-cds-values2.5.0.tgz | values-repro-rmq | 13/06/2024 | New | bcc6ca443562ddaf4724dd39bd2ec8c17a40e45abb76e764aab62b2ecbe6c566 |
| values-repro-etl.yaml | Maas-cds-values2.5.0.tgz | values-repro-etl | 13/06/2024 | New | 6f2fe91ad8672ac2524df9a3d02990bd67a2c25e8d76ee3131a2db850a8b4440 |

Table 10 : Operating Configuration List

### Entry point

The production environment is reachable at the following URL:

<https://omcs.copernicus.eu/grafana>

# POSSIBLE PROBLEMS AND KNOWN ERRORS

This table lists still opened issues on the release V2.5.0 as tracked in OMCS JIRA.

|  |  |  |
| --- | --- | --- |
| **Issue key** | **Summary** | **Status** |
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