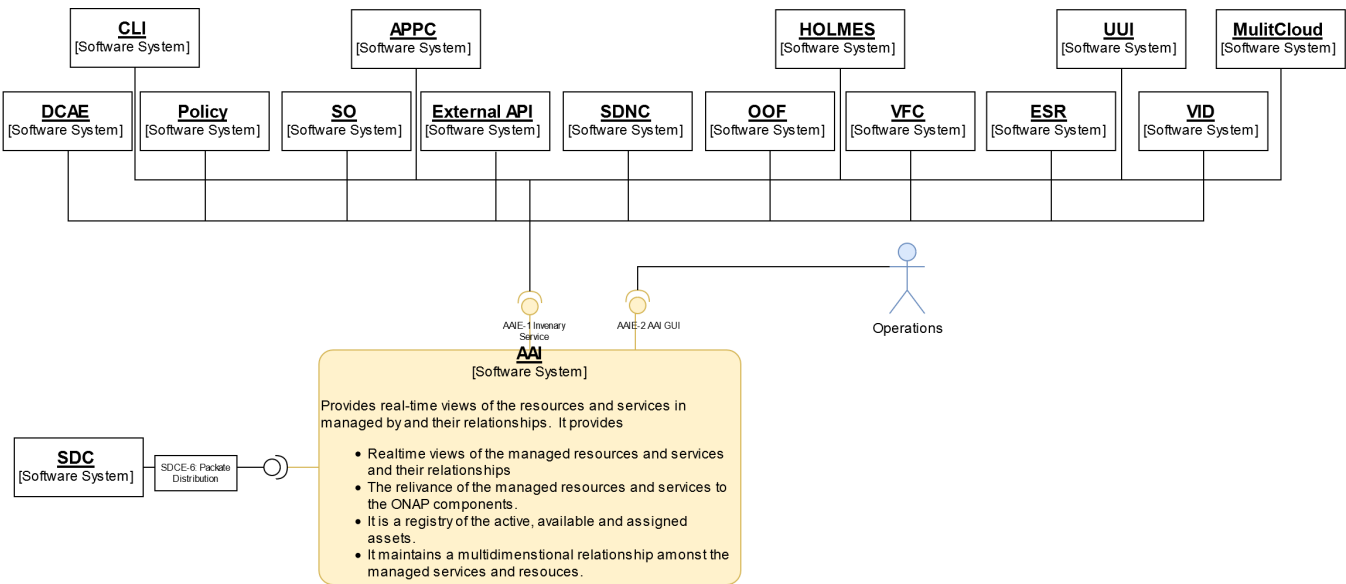


ARC AAI Component Description - Dublin

STATUS: Draft

AAI (Available and Active Inventory):

1 High Level Component Definition and Architectural Relationships



The AAI (Available and active inventory) function provides real-time views of the resource and services in managed by and their relationships. It provides

- Realtime views of the managed resources and services and their relationships
- The relevance of the managed resources and services to the ONAP components.
- It is a registry of the active, available and assigned assets.
- It maintains a multidimensional relationship amongst the managed services and resources.

2. API definitions

AAI provides the following interfaces:

Interface Name	Interface Definition	Interface Capabilities	Version	Status	Consumed Models
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AAIE-1	Inventory Service Interface.	<p>An interface to create, update, retrieve, query, delete the service, resources and relationship inventory information for:</p> <ul style="list-style-type: none"> • Cloud infrastructure (including cloud infrastructure regions and availability zones, cloud infrastructure resources such as servers, storage, VLANs, cloud network technologies,...) • Paths and connectors • Business Customers and business customer relationship to managed assets • Service Instances (including the relationship to used resources) • Resource instances (including allotted resources) (virtual and physical, including VNFs, PNFs, Switches, VNF modules) • External systems (systems that ONAP connects to) • Images • Networks • Infrastructure tenants • Relationships • Interfaces • IP addresses • Configurations • Licenses • Site resources <p>AAI also provides Inventory History information</p>	v16		AAI XSD
AAIE-2	AAI Graphical User Interfaces	Provides the capability to view the inventory			

Note: xxxI interface is a Component internal interface. xxxxE interface is a component external interface

The current API documents can be found at:

- [AAI REST API Documentation - Dublin](#)
- [AAI REST API Documentation on readthedocs.io](#)
- AAI GUI: [AAI Graphical User Interface](#)

AAI consumes the following Interfaces:

Interface Name	Purpose Reason For Use
SDCE-6	To receive the service and resource artifacts from SDC.

3. Component Description:

A more detailed figure and description of the component.

FFS

4. known system limitations

5. Used Models

AAI uses the following models:

- Inventory Model

6. System Deployment Architecture

FFS

7. New Capabilities in this Release

This release, AAI adds the following Capabilities:

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8. References

1. AAI read the docs: <https://docs.onap.org/projects/onap-aai-aai-common/en/latest/index.html#master-index>
2. [AAI REST API Documentation - Dublin](#)
3. [AAI REST API Documentation on readthedocs.io](#)
4. AAI GUI: [AAI Graphical User Interface](#)