ARC AAF Component Description - Dublin

AAF (Application Authorization Framework):

1 High Level Component Definition and Architectural Relationships
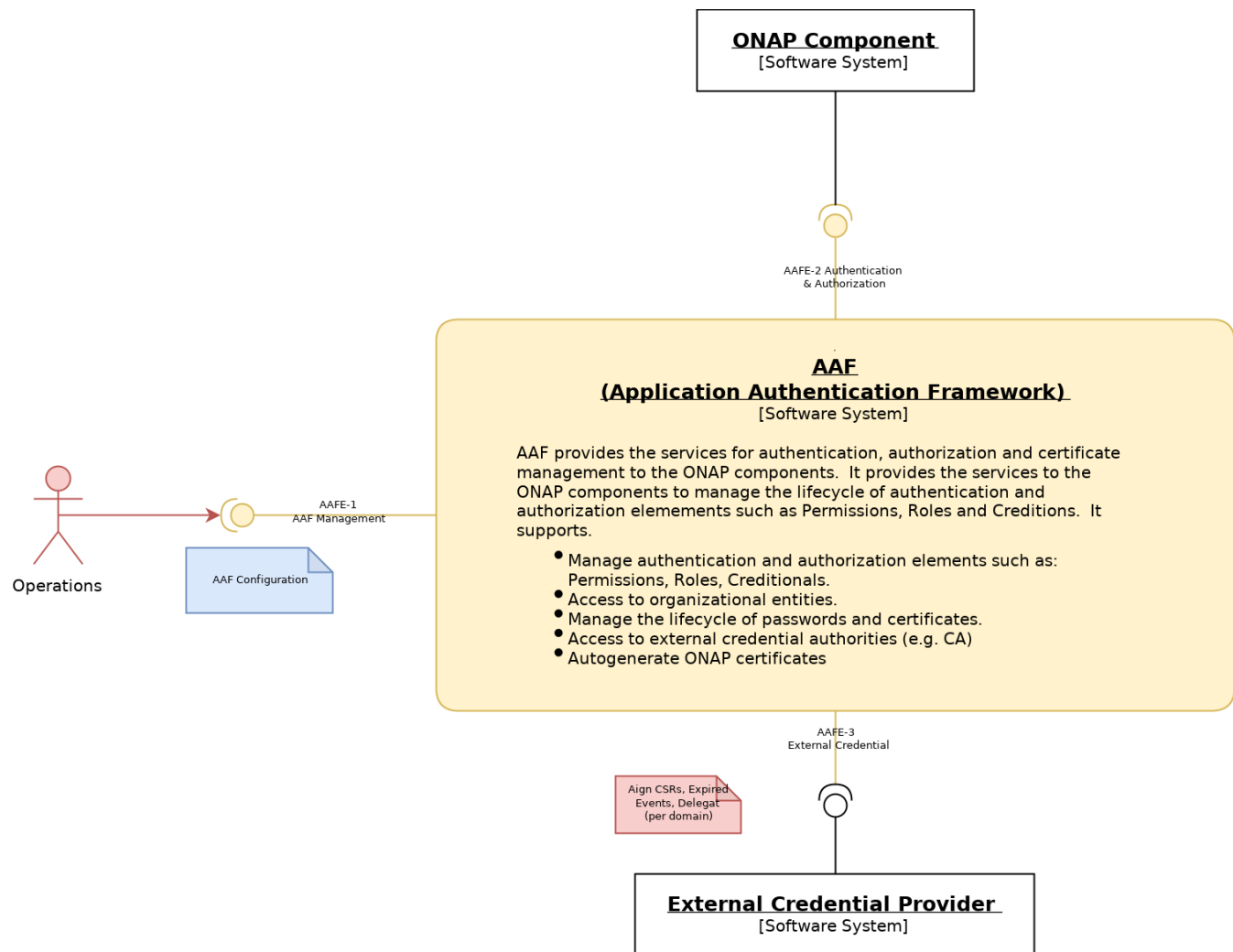
AAF (Application Authentication Framework) provides the services for authentication, authorization and certificate management for the ONAP components. It provides the services to the ONAP components to manage the lifecycle of authentication and authorization elements such as Permissions, Roles and Credentials. It supports:

- Manage authentication and authorization elements such as: Perminssions, Roles, Credentials
- Access to organizational entities
- Manage the lifecycle of passwords and certificates
- Access to external credential authoriites (e.g. CA)
- Autogenerate ONAP certificates

2. API definitions

AAF provides the following interfaces:

Interface Name	Interface Definition	Interface Capabilities	Version	Status	Consumed Models
AAFE-1	Application Authorization Framework Management Interface	A user interface for: • to be filled in			
AAFE-2	Application Authorization Framework Authentication and Authorization Interface	An interface for the ONAP components to: • to be filled in.			

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

AAF Consumes no Interfaces:

Interface Name	Purpose Reason For Use
AAFE-3: AAF External Credential Interface	An interface to retrieve and authenticate using credentials from a credential supplier external to ONAP.

The current API documents can be found at:

- AAFE-1 (to be added)
- AAFE2 (to be added)
- AAFE3 (to be added)

3. Component Description:

Link to read the docs

4. known system limitations: (IN PROGRESS)

Runtime: None

5. Used Models: (N/A)

6. System Deployment Architecture:

FFS

7. New Capabilities in this Release

8. References

1. AAF Overview & User Guide: https://onap.readthedocs.io/en/latest/submodules/aaf/authz.git/docs/index.html