UPDM 2.1 to UAF 1.2. Renamed and replaced elements

The replaced elements mean that their names and/or metaclasses are changed. Pay attention, that some elements from UPDM 2.1 are replaced to one element in UAF 1.2.

UPDM 2.1	UAF 1.2	Comments
Activity Part Of Capability [Dependency]	Maps To Capability [Abstraction]	Maps To Capability relationship denotes that an Activity contributes to providing a Capability.
Activity Performed By Performer [Dependency] Is Capable Of Performing [Dependency]	Is Capable To Perform [Abstraction]	Is Capable To Perform relationship defines the traceability between the Capable Elements to the Activities that they can perform.
Actual Organization Relationship	Actual Resource Relationship	Actual Resource Relationship is an abstract element that details the Actual Organizational Resources that are able to carry out an Actual Responsibility.
Actual Property	Actual Measurement	Actual Measurement is an actual value that is applied to a Measurement.
Capability Of Performer [Dependency]	Exhibits [Abstraction]	Exhibits relationship that exists between a capable element and a Capability that it meets under specific environmental conditions.
Capability Property	Capability Role	A high level specification of the enterprise's ability to execute a specified course of action.
Climate Light Condition	Environment	A definition of the environmental factors in which something exists or functions. The definition of an Environment element can be further defined using EnvironmentKind.
Desired Effect	Desires	A dependency relationship relating the Desirer (a Capability or OrganizationalResource) to an ActualState.

Deployed Milestone No Longer Used Milestone Out Of Service Milestone Increment Milestone Actual Project Milestone	Actual Project Milestone	Actual Project Milestone is an event with a start date in an Actual Project from which progress is measured. Actual Project Milestone can have such kinds: • In Service. • Deployed. • No Longer Used. • Out Of Service. • Other.
Energy Materiel	Natural Resource	Natural Resource is any type of physical resource that occurs in nature such as oil, water, gas, or coal.
Entity Item	Operational Information	An item of information that flows between OperationalPerformers and is produced and consumed by the OperationalActivities that the OperationalPerformers are capable to perform (see IsCapableToPerform).
Exchange Element	Resource Information Operational Information	If the Exchange Element was conveyed by Resource Interaction, it is migrated to Data Element. The Data Element is a formalized representation of data that is managed by or exchanged between systems. If the Exchange Element was conveyed by Operational Exchange or wasn't conveyed, it is migrated to Information Element. The Information Element is an item of information that flows between Operational Performers and is produced and consumed by the Operational Activities that the Operational Performers are capable to perform (see Is Capable To Perform).
Expose	Dependency	A Dependency relationship will be used instead of Expose relationship.
Functional Standard	Standard	A ratified and peer-reviewed specification that is used to guide or constrain the architecture. A Standard may be applied to any element in the architecture.
Function Edge [Activity Edge]	Function Control Flow [Control Flow] Function Object Flow [Object Flow]	Function Edge is an abstract grouping for Function Control Flow and Function Object Flow. Function Object Flow connects Function Actions using Pins. Function Control Flow connects Function Actions directly.
Project	Actual Project	Actual Project defines a time-limited endeavor to provide a specific set of Actual Resources that meet specific Capability needs.
Individual Person Role	Actual Post	An actual, specific post, is an instance of a Post "type" - e.g., "President of the United States of America" where the Post would be president.
Location	Actual Location	Actual Location is an Actual State that describes a physical location, for example using text to provide an address, Geo-coordinates, etc.
Location Type	Location	Location element denote a specification of the generic area in which a location holder is required to be located.
Logical Architecture	Operational Architecture	Operational Architecture is an element used to denote a model of the architecture, described from the business operational perspective.

Measure	Actual Measurement Set	Actual Measurement Set denote a set of Actual Measurements.
Measure Type Security Attributes Group	Measurement Set	Measurement Set denote a set of Measurements.
Milestone Sequence	Milestone Dependency	Milestone Dependency relationship is relationship between two Actual Project Milestones that denotes one Actual Project Milestone follows from another.
Mission	Operational Activity	An Activity that captures a logical process, specified independently of how the process is carried out.
Needline	Operational Connector	Operational Connector is a Connector that goes between Operational Roles representing a need to exchange resources. It can carry a number of Operational Exchanges.
Node Operation	Operational Method	Operational Method is a behavioral feature of a Operational Performer whose behavior is specified in an Operational Activity.
Node Parent	Operational Agent	An abstract element grouping Operational Architecture and Operational Performer.
Node Port	Operational Port	Operational Port is used of a Operational Performer or Operational Architecture in the context of another Operational Performer or Operational Architecture. The whole-part relationship is created.
Node Role	Operational Role	Usage of a Operational Performer or Operational Architecture in the context of another Operational Performer or Operational Architecture. Creates a whole-part relationship.
Operational Activity Edge [Activity Edge]	Operational Control Flow [Control Flow] Operational Object Flow [Object Flow]	Operational Activity Edge is an abstract grouping for Operational Control Flow and Operational Object Flow. Operational Object Flow connects Operational Activity Actions using Pins. Operational Control Flow connects Operational Activity Actions directly.
Organizational Project Relationship Project Ownership	Responsible For	Responsible For relationship is relationship between an Actual Responsible Resource and an Actual Responsibility or Actual Project. It defines the duties that the Actual Responsible Resource is Responsible For.
Organization Type	Organization	Organization element denote a group of organizational resources (Persons, Posts, Organizations and Responsibilities) associated for a particular purpose.
Node Performer Security Domain	Operational Performer	Operational Performer denote a logical entity that Is Capable To Perform Operational Activities which produce, consume and process resources.
Person Type	Post	Post denote a type of job title or position that a person can fill (e.g. Lawyer, Solution Architect, Machine Operator or Chief Executive Officer).

Physical Architecture	Resource Architecture	Resource Architecture is an element used to denote a model of the Architecture, described from the System Resource perspective.
Project Type	Project	Project is an element that describes types of time-limited endeavours that are required to meet one or more Capability needs.
Property	Measurement	Measurement is a property of an element representing something in the physical world, expressed in amounts of a unit of measure.
Request Service	Operational Port Resource Port	Operational Port is used of a Operational Performer or Operational Architecture in the context of another Operational Performer or Operational Architecture. The whole-part relationship is created. If Request port belongs to System Resource it is migrated to Resource Port. If Request port belongs to Operational Performer it is migrated to Operational Port. Resource Port is an interaction point for a System Resource through which it can interact with the outside environment and which is defined by a Resource Connector. If Service port belongs to System Resource it is migrated to Resource Port. If Service port belongs to Operational Performer it is migrated to Operational Port.
Resource Interaction	Resource Exchange	Asserts that a flow can exist between ResourcePerformers (i.e. flows of data, people, materiel, or energy).
Resource Interaction Item	Resource Exchange Item	Resource Exchange Item is an abstract grouping for elements that defines the types of elements that can be exchanged between System Resources and conveyed by a Resource Exchange.
Resource Interface	Resource Connector	Resource Connector is a channel for exchange between two Resource Roles.
Resource State Machine	Resource State Description	A state machine describing the behavior of a System Resource, depicting how the System Resource responds to various events and the actions.
Resource Operation	Resource Method	A behavioral feature of a ResourcePerformer whose behavior is specified in a Function.
Role Type	Responsibility	Responsibility element is the type of duty required of a Person or Organization.
Service Access	Resource Service	Capability Configuration represents a composite structure the physical and human resources (and their interactions) in an enterprise, assembled to meet a Capability. Service Specification defines the specification of a set of functionality provided by one element for the use of others.
Service Attribute	Flow Property	Flow Property is a SysML element with already defined direction that is *inout*. A Flow Property signifies a single flow element that can flow to/from a Block. A flow property's values are either received from or transmitted to an external Block. Flow properties are defined directly on Blocks or Flow Specifications that are those specifications which type the Flow Ports. Flow properties enable item flows across connectors connecting parts of the corresponding block types, either directly (in case of the property is defined on the Block) or via Flow Ports.
Service Channel	Resource Connector Operational Connector	If Service Channel connects Ports which owner is System Resource it is be migrated to Resource Connector. If Service Channel connects Ports which owner is Operational Performer it is be migrated to Operational Connector.
Service Level Value Set	Provided Service Level	Provided Service Level is a sub type of Actual Service that details a specific service level delivered by the provider.

Service State Machine	Service State Description	Service State Description is a state machine describing the behavior of a Service Specification, depicting how the Service Specification responds to various events and the actions.
Skill	Competence	Competence element is a specific set of abilities defined by knowledge, skills and aptitude.
Skill Of Person Type	Provides Competence	Provides Competence is a dependency relationship that asserts that an Actual Organizational Resource provides a specific set of Competencies.
Standard Configuration	Comment	The Standard Configuration is replaced by the Comment.
System	Resource Artifact	Resource Artifact element is a type of man-made object that contains no human beings (i.e. satellite, radio, petrol, gasoline, etc.).
System Resource	Resource Performer	The Resource Performer covers the Resource Architecture, , Known Resource.Physical Resource
Service Operation	Service Method	A behavioral feature of a Service Specification whose behavior is specified in a Service Function.
Technical Standard	Standard	Standard is a ratified and peer-reviewed specification that is used to guide or constrain the architecture. A Standard may be applied to any element in the architecture.
Trustline	Operational Exchange	Operational Exchange asserts that a flow can exist between Operational Performers (i.e. flows of information, people, materiel, or energy).
Vision	Enterprise Vision	An Enterprise Vision describes the future state of the enterprise, without regard to how it is to be achieved.
Activity Part Of Project [Dependency] Overlap [Dependency]	Dependency	The Dependency relationship is used instead of stereotyped dependencies such as Activity Part Of Project and Overlap.
Association Of Information [Association] Entity Relationship [Association]	Association	The Association relationship is used instead of stereotyped associations such as Association Of Information and Entity Relationship.
Asynchronous Message [Signal]	Signal	The Signal element is used instead of stereotyped signal element Asynchronous Message.
Condition Property [Property] Entity Attribute [Property]	Property	The Property is used instead of stereotyped properties such as Condition Property and Entity Attribute.

Design Rule [Constraint]	Constraint	The Constraint is used instead of stereotyped constraint Design Rule.
Geo Political Extent [Instance Specification]	Instance Specification	The Instance Specification is used instead of stereotyped instance specification Geo Political Extent .
Logical Data Model [Data Model] Physical Data Model [Data Model]	Information Model	The Data Model is used instead of stereotyped data models such as Logical Data Model and Physical Data Model.
Operational Event Trace [Interaction] Resource Event Trace [Interaction] Service Interaction [Interaction]	Interaction	The Interaction is used instead of stereotyped interactions such as Operational Event Trace, Resource Event Trace, and Service Interaction.
Operational State [State] Resource State [State]	State	The State is used instead of stereotyped states such as Operational State and Resource State.
Project Activity Edge [Activity Edge]	Control Flow Object Flow	The Activity Edge is used instead of stereotyped activity edge Project Activity Edge. An Activity Edge is abstract abstract. Object Flow connects using Pins. Control Flow connects directly.
Service Description [Package]	Architectural Description	The Package is used instead of stereotyped package Service Description.
Service Function Edge [Activity Edge]	Service Control Flow [Control Flow] Service Object Flow [Object Flow]	Service Function Edge is an abstract grouping for Service Control Flow and Service Object Flow. Service Object Flow connects Service Function Actions using Pins. Service Control Flow connects Service Function Actions directly.
Service Level Value [Slot]	Slot	The Slot is used instead of stereotyped slot Service Level Value.

Service Message Handler [Reception]	Reception	The Reception is used instead of stereotyped reception Service Message Handler.
UPDM Element	UAF Element	Abstract super type for all of the UAF elements. It provides a way for all of the UAF elements to have a common set of properties.

The following table describes properties which are renamed in UAF 1.2 profile.

Element	Property UPDM 2.1 [name]	Property UAF 1.2 [name]
Viewpoint	languages methods	language method
Property	Information Role	Operational Information Role
Property	Data Role	Resource Information Role
Property	Service Specification Role	Service Role