



OAV Terminology sub task (WP6-T4)

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Agenda

- The need for Terminology and a Glossary
- How the Terminology and Glossary is enriched – The process!
- Activities published so far and Changes in the Initial Scope
- Activities under development and date of publication
- Users' uptake.
- Wiki Page & White paper front page

The need for Terminology and a Glossary

Overview

- **Challenge Identified:** Discussions with NRENs and workshops revealed that OAV terms are used with varying meanings and understandings.
- **Solution Implemented:**
 - **Creation of a Unified Glossary:** A list of relevant OAV terms with short definitions and reference links (sources).
 - **Acronym Table:** Definitions for abbreviations to ensure clarity.
 - **Standard-Based Definitions:** Where available, standard definitions were used. Internal definitions were developed through team consensus when standards were unavailable.

How the Terminology and Glossary is enriched – The process!

Internal Definition Process (among FG members and WP6T4 members)

- **Steps Taken (iteratively):**
 - **Terminology Identified:** Drafted with term descriptions proposed by focus group members or Work Package Members.
 - **Terminology Document creation with Terms and Glossary:** Each focus group member provides the term definition with a citation or specifies that it is self-created.
 - **Voting Step:** Each Focus group member votes for the best definition of the most appropriate term definition.
 - **Consensus FG meeting:** With this final meeting, we conclude with the glossary and definitions of the terms.
 - **Invitation for Feedback/Internal Survey:** Conducted to finalize definitions. Additional comments and suggestions are welcome from the work package task 4 team members via a Survey Monkey questionnaire to further refine the definition and glossary of the term.
 - **Final Stage:** Publish white paper and update terminology wiki page (<https://wiki.geant.org/display/NETDEV/OAV+Terminology>)
- **Goal:** Establish a common language for OAV discussions to enhance understanding and collaboration.

Activities published so far and Changes in the Initial Scope



We have published **FOUR** Terminology White papers:

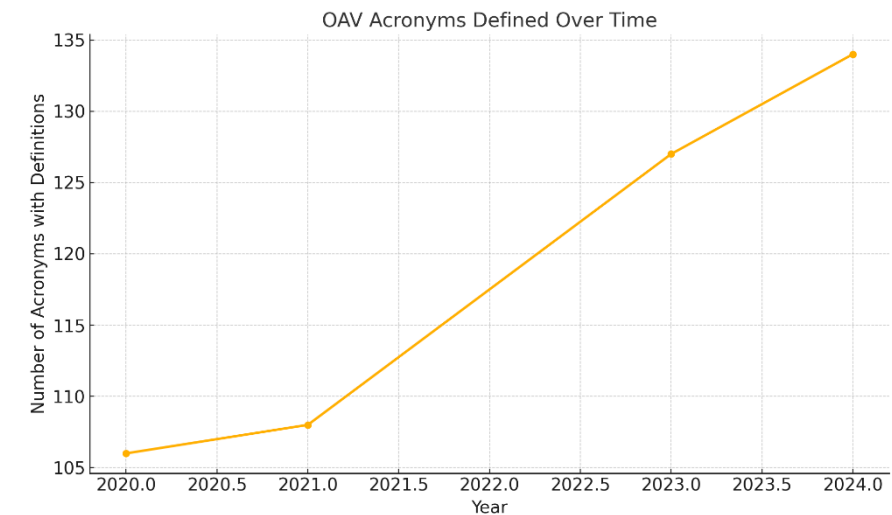
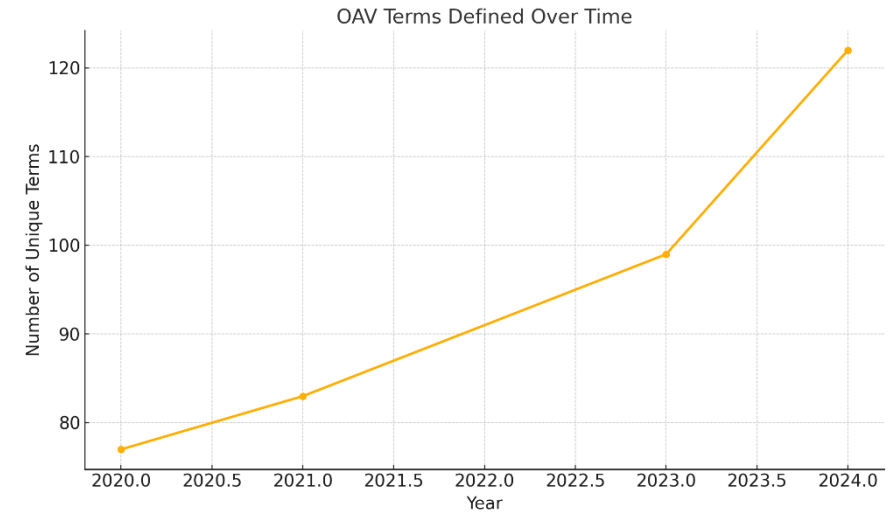
- [Orchestration, Automation and Virtualisation Terminology](#) (Apr. 8, 2020, under GN4-3). With the following **OAV terms and acronyms**:
 - Number of Terms Defined: **77** unique terms in the context of Orchestration, Automation, and Virtualisation (OAV).
 - Number of Acronyms: The document includes **106** acronyms with their respective definitions.
- [Orchestration, Automation and Virtualisation Terminology Version 1.1](#) (Jan. 20, 2021, under GN4-3). With the following **updated OAV terms and acronyms** (adopted by the GNA-G Network Automation):
 - Number of Terms Defined: **83** unique terms in the context of Orchestration, Automation, and Virtualisation (OAV).
 - Number of Acronyms: The document includes **108** acronyms with their respective definitions.



Activities published so far and Changes in the Initial Scope (CONT.)



- [Orchestration, Automation and Virtualisation Terminology Version 2.0](#) (Jan 10, 2023, under GN4-3). With the following **updated OAV terms and acronyms**:
 - Number of Terms Defined: **99** unique terms in the context of Orchestration, Automation, and Virtualisation (OAV).
 - Number of Acronyms: The document includes **127** acronyms with their respective definitions.
- [Orchestration, Automation and Virtualisation Terminology Version 3.0](#) (Oct 29, 2024, under GN5-1): With the following **updated OAV-AI/ML terms and acronyms** (adopted by the GNA-G Network Automation):
 - Number of Terms Defined: **122** unique terms in the context of Orchestration, Automation, and Virtualisation (OAV).
 - Number of Acronyms: The document includes **134** acronyms with their respective definitions.



Activities under development and date of publication



Currently, the Focus Group is idle until the work package leaders, colleagues, or NRENS identify new terms and abbreviations to be examined.

At present, I am working to establish a collaborative relationship with the Network Automation Forum through Slack to enrich our Terminology and Abbreviation document.



User's Uptake

User Uptake of OAV Terminology Resources

- **Growing Adoption:**

- Target the other **focus groups** and **collaborators** under the **Work Package**; **NRENs** and **research institutions** increasingly use our OAV terminology and glossary resources.



- Currently, some of the definitions are used by the trainers in the Network Automation eAcademy to start their units, and we also invite others to do the same
- Feedback gathered from the **experts** in the Terminology **Focus Group** and the **Work Package Task 4 group** has indicated their utility in standardizing discussions and improving communication clarity.

- **Key Milestones:**



- Published **four white papers** defining OAV terms and acronyms, continuously refined from 2020 to 2024.
- Developed a **dedicated wiki page**, [OAV Terminology Wiki](#), serving as a dynamic, up-to-date repository for terms and abbreviations.

Terminology and Glossary Document and Wiki Page



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Created by Susanne Naegel Jackson, last modified by Iakovos Ioannou on Dec 19, 2024

Terminology and Glossary

During our discussions with NRENs and at workshops it became clear that there are OAV terms that are being used in different ways and in some cases with slightly different meaning and understanding. So in order to have a common basis we decided to identify a list of relevant OAV terms and add a short definition with a reference link (source) for each term as well as an acronym table with definitions of abbreviations. We tried to use standard-based definitions whenever we could find them and listed internal definitions in cases where no standard definitions were found.

Internal definitions are based on the consensus of all team members; to come to an agreed definition of all team members a terminology document was created with descriptions of the terms and an internal survey was conducted for final adjustments. Additional comments are welcome!

OAV Common Terms

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Glossary

Whitepapers

- Orchestration, Automation and Virtualisation Terminology Version 3.0 (Oct 29, 2024)
- Orchestration, Automation and Virtualisation Terminology

29-10-2024

Orchestration, Automation and Virtualisation Terminology Version 3.0

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Abstract

This document provides a list of terms and abbreviations in the context of Orchestration, Automation and Virtualisation. Definitions are provided based on standardization documents wherever possible; some have also been extended to reflect the understanding of the terms as used by a large number of NRENs in the GÉANT community. As of version 1.1, the document has also been adopted by the GNA-G Network Automation working group as their reference terminology.



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<https://wiki.geant.org/display/NETDEV/OAV+Terminology>

Terminology and Glossary white paper



Thank You

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