

Terms of Reference for the Reliability, Availability and Assurance Working Group (NFV REL WG)

Responsibilities

The main responsibilities of this working group are:

- Specifications in areas of reliability and availability in the practical context of an operational virtual environment.
- Investigating enhancements in the context of a NFV environment to ensure reliable and highly available NFV-based network services.
- Analysing reliability and availability techniques in a NFV environment.
- Responding to requests on analysing reliability and availability for current or new features to be supported in the context of the NFV.
- Provide guidance on mechanisms for validation, assurance and SLAs.
- Providing guidance on interworking with PNFs in the area of reliability, availability and assurance.
- Driving the necessary contributions and/or change requests in other ISG documents and working drafts in order to reflect specific aspects on reliability, availability and assurance.

Areas of activity / scope

The areas of activity include:

- Reliability and availability of the elements of NFV systems.
- Techniques and mechanisms to ensure reliability, availability and assurance in an operational virtual environment.
- Gap analysis of supporting tools and frameworks for reliability and availability of NFV systems, e.g., Open Source implementations of functional blocks as detailed in the NFV Architectural Framework.
- Best practices, studies on other non-functional aspects related to reliability, availability and assurance in virtual environments.