

1.3 Content Organization

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Following this Introduction, this discussion paper is organized as follows:

Section 2, Architectural Views: Presents and describes in detail the DIDO Architecture as a set of components collected into complementary Architectural Views: Stakeholder, Technical, and Taxonomic.

- **The Stakeholder View** is organized in accordance with the communities considered to be the “customers” of the DIDO RA, e.g., Platform, Domain, and Ecosystem.
- **The Technical View** is organized into two basic views: Fundamental (e.g., System of Systems, [Assurance](#), Tools) and Node Network.
- **The Taxonomic View** is organized into four taxonomies: network topology, network access control, nodes, and data.

Standards (technical and *de facto*) relevant to or associated with the components supporting each view are listed.

Section 3, Governance: Proposes and describes the elements of the governance structure to manage the DIDO Architecture as an Open Source program, i.e., [Charter](#) (for the effort as a whole plus each of the DIDO COIs), Policies & Procedures (P&P), and Guide (plain English version of the P&P).

Section 4, Requirements: Lays the groundwork (models and methods) with which to specify, assess, manage, implement, and govern DIDO requirements to ensure well governed DIDO Implementations. Describes in detail the functional and non-functional requirements one must consider during the requirements specification process for DIDO platforms and then how to assess the resulting requirements specifications.

Appendices

- [A: Glossary of Terms](#)
- [B: Standards Organizations](#): Complete listing and description of the Standards Organizations associated with the technical and *de facto* standards cited in the DIDO RA Architectural Views.
- [C: Hardware Architectures](#) : Describes Hardware Architectures to consider when designing distributed systems
- [D: Operating Systems](#) : Glossary of Operating Systems
- [E: Tools](#) : Tools to support the development, management, and operation of DIDOS
- [F: DDS QoS](#): Quality of Service (QoS) parameters defined in the [DDS](#) specification
- [G: Tests](#)
- [H: Acronyms](#)
- [I: Cognitive Model](#)
- [J: Governance Model](#)

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