

ISO/TC 307/TR 23249



«Overview of
existing DLT
systems for identity
management»

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TR23249 is within JWG4

Technical Report TR23249 is defined in the context of ISO/TC 307/JWG4, a joint working group with ISO/IEC JTC1/SC 27:

- ISO/TC 307/WG2 (Security, privacy and identity)
- ISO/TC 307/JWG 4 (Blockchain and distributed ledger technologies and IT Security techniques)

TR23249 started November 2019



ISO/TC 307 Plenary Meeting
in Hyderabad, India
(November 2019) agreed
on TR23249 with Paolo
Campegiani as Project
Leader and Nacho Alamillo
as co-editor

TR23249 scope

The TR describes DLT systems for identity management and specifically is about:

- Managing identity for individuals, organizations, things, functions and processes with DLTs
- Describing actors and their interactions
- Architectures
- Existing standards and frameworks

TR23249 history

- 1st call for contributions and relative disposition of comments: SC27 virtual meeting of April 2020
- 2nd call for contributions and relative disposition of comments: TC307 virtual meeting of June 2020

TR23249 maturity

- After June 2020 meeting, the consensus is that the document is quite mature
- We have entered a Committee Internal Ballott phase, target September 2020 (SC27 meeting)
- Probably the TR will be published by the end of 2020

TR23249 insights

- A taxonomy for DLT systems managing digital identity
- Around 10 major DLT systems from USA, Europe, China, Russia, South America
- Around 50 standards, frameworks, associations

Joining Forces for TR23249

- European initiatives are considered in this TR
- A structural cooperation is envisioned, with different forms according to their nature
 - Specifically for CEN CLC JTC 19



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