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Identifier-Only Trust Assurance with Secured Infrastructure

Abstract

This is an Authentication Profile of the IGTF describing the minimum requirements on X.509 PKI authorities where the identity vetting is adequate to ensure unique, non-re-assigned identities, and generated by authorities using secured and trusted infrastructure. Such authorities are not required to collect more data than are necessary for fulfilling the uniqueness requirements, and credentials issued by authorities under this profile may not provide sufficient information to independently trace individual subscribers, and should be used in conjunction with complementary identification and vetting processes.

This document is an EUGridPMA Guidelines Document, to be referred to as the “Guidelines on Identifier-Only Trust Assurance with Secured Infrastructure Authentication Profile”, with OID 1.2.840.113612.5.2.2.6.2.

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1 Abstract

This is an Authentication Profile of the IGTF describing the minimum requirements on X.509 PKI authorities where the identity vetting is adequate to ensure unique, non-re-assigned identities, and generated by authorities using secured and trusted infrastructure. Such authorities are not required to collect more data than are necessary for fulfilling the uniqueness requirements. Credentials issued by authorities under this profile may be unable to provide sufficient information to independently trace individual subscribers, and should be used in conjunction with complementary identification and vetting processes.

This Authentication Profile is managed by the EUGridPMA.

2 General Architecture

Authorities accredited under this IGTF “IOTA” profile, identified as 1.2.840.113612.5.2.2.6, must comply with the latest endorsed version of

- the IGTF Level of Identity Assurance DOGWOOD (1.2.840.113612.5.2.5.4); and
- the IGTF PKI Technology Guidelines (1.2.840.113612.5.2.7.1).