

MaGrid CA updates

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Overview

- General information
- Some statistics
- MaGrid CA Updates

General information

- ❑ Established by CNRST in October, 2006 and accredited in September 2007.
- ❑ Single CA in the Moroccan academic field (No subordinate certification authorities).
- ❑ It provides X509 certificates for academic research and educational activities in Morocco (essentially for e-science and grid).
- ❑ Managed by CNRST-MaGrid team.
- ❑ CP/CPS Document follows RFC 3647.
- ❑ Web site: <https://ra.magrid.ma>.
- ❑ Current OID for CP/CPS: 1.3.6.1.4.1.26529.10.1.3.1
- ❑ Current version: 1.3.1

Some Statistics

- From 2007 to 2017 (Before renewing the CA root) :

Certificates	Number	Valid	Expired	Revoked
Users	431	0	404	27
Servers	227	0	226	1

- Currently:
 - 37 valid certificates (17 for users and 20 for servers)

MaGrid CA Updates

- CA root certificate extended for 10 more years (Nov /2017)
- CRL endpoint soon on IPv6 New NREN version (MARWAN 4) with native ipv6
- Currently , only CNRST RA is Operational (Difficulties to nominate new RAs in universities)
- Issuance of host certificate for e-infrastructure services (eduroam at CNRST)

Discussion

- The MaGrid CA team and Moroccan Identity Federation team are discussing about :
 - TCS certificates
 - EduPKI certificates

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THANK YOU