



Dear Registry Operator,

ICANN org has released new functionality in the Naming Services portal (NSp) to manage the data needed to enable TLS Client Authentication.

TLS Client Authentication is an alternative method of authentication for accessing the Monitoring System API ([MoSAPI](#)) and Registration Reporting Interfaces ([RRI](#)) systems. This method provides a secure way to grant access to the RRI and the MoSAPI systems to registries and their providers (such as Registry Service Providers (RSPs)) instead of sharing the RRI username and passwords.

NSp authorized users can specify the TLS Client Authentication data (domain name, authorized roles and authorized IP Address Access Control List) in NSp for each gTLD to allow access to the RRI and the MoSAPI systems.

Please note that we are extending this notification to RSPs and offering an option to perform a one-time bulk upload of the TLS Client Authentication data into NSp. The RSP must ask for your permission to provide ICANN org with the TLS Client Authentication data for the TLDs they manage and must attest that your authorization was collected so that the bulk update can be performed. You will receive a notification from ICANN org when your RSP provides us with TLS Client Authentication data for your TLD before we load such data in our systems.

With TLS Client Authentication, more refined roles on RRI and MoSAPI can be selected for each TLD than with the current RRI DEA and RRI RY username configuration. The full list of roles is as follows:

- **RRI - TLD Monthly Reporting.** Submit registry monthly reports
- **RRI - TLD Data Escrow Daily Reporting.** Submit registry escrow daily reports
- **MoSAPI - TLD SLAM Data.** Access monitoring data captured by the SLA Monitoring (SLAM) system
- **MoSAPI - TLD DAAR Data.** Access [Domain Abuse Activity Reporting](#)(DAAR) data for the TLD
- **MoSAPI - Registrars Base RDAP URL List.** Access the base RDAP URL data of all registrars
- **MoSAPI/RRI - TLD Maintenance Window.** Schedule TLD maintenance windows
- **MoSAPI/RRI - SLAM Probe Node List.** Access the SLA Monitoring (SLAM) system probe node information

The domain name(s) used in the TLS Client Authentication data must be configured according to the specifications of the [MoSAPI](#) and [RRI](#) systems.

This new functionality is described in section 10.6.7 “TLS Client Authentication” of the ICANN org [Naming Services portal User Guide for Registries](#) document.

Please note that TLS Client Authentication is an alternative method of authentication. The RRI and MoSAPI systems are still accessible using username and password credentials and the configuration of these credentials is still required in the Naming Service portal.

If you have any questions, please submit a General Inquiry Case in the Naming Services portal.

Regards,

Technical Services  
Global Domains and Strategy  
Internet Corporation for Assigned Names and Numbers