

Test specification package for the Pre-Delegation Testing pilot

Background

The purpose of the Pre-Delegation Testing (PDT) is to verify that the applicant has met its commitment to establish registry operations in accordance with the technical and operational criteria described in the gTLD Applicant Guidebook (AGB). Each applicant will be required to complete Pre-Delegation Testing as a prerequisite to delegation into the root zone.

This version of the documents will be used for the Pre-Delegation Test pilot program, and will be updated if necessary before the start of Pre-Delegation Testing. The collection of documents encompassed in this “test specification package” should be considered “DRAFT” at this time. A final version will be published prior to the start of Pre-Delegation Testing.

Document Structure

The zip file includes the test specifications for Pre-Delegation Testing including a Master Test Plan and the various detailed test plans. The test specifications for Pre-Delegation Testing use the document structure given in IEEE 829-2008, Standard for Software and System Test Documentation. The overall scope for the Pre-Delegation Testing is described in the Master Test Plan (PDT_MTP). The actual Test Cases are described in the Test Plans. For the Pre-Delegation Testing the following Test Plans have been prepared; DNS, Whois, EPP, IDN, Data Escrow and Documentation (including self certification documentation).

The Test Cases defined in the Test Plans are based on the requirements in the agreement between the Pre-Delegation Testing Provider and ICANN based on the AGB requirements. The Test Plans include references to the AGB, specifications in the Registry Agreement, and relevant RFCs.

The different Test Cases are further described in the Test Case documents, where steps taken to execute the Test Case and information needed to perform the tests are described. The Test Cases belonging to one Test Plan are documented in one or multiple Test Case documents depending on the extent of the area.

Documentation

The documentation of the Pre-Delegation Testing Pilot consists of the following documents:

Test Plan	No. of Test Cases	Description of Test Cases
PDT_DNS_TP	22	PDT_DNS_TC_Anycast, PDT_DNS_TC_Delegation, PDT_DNS_TC_DNSSEC
PDT_Whois_TP	22	PDT_Whois_TC_CLI, PDT_Whois_TC_Search, PDT_Whois_TC_Web
PDT_EPP_TP	13	PDT_EPP_TC

PDT_IDN_TP	8	PDT_IDN_TC
PDT_DataEscrow_TP	7	PDT_DataEscrow_TC
PDT_Documentation_TP	42	PDT_Documentation_TC_DataEscrow, PDT_Documentation_TC_DNS, PDT_Documentation_TC_DPS, PDT_Documentation_TC_EPP, PDT_Documentation_TC_SL, PDT_Documentation_TC_Whois

A total of

114

Test Cases