Subject: Information on the SMD files needed for Sunrise registrations

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From: Mary Wong

To: gnso-rpm-wg@icann.org

Dear all,

During the Sunrise Sub Team call today, it was suggested that information should be circulated to the full Working Group about the Signed Mark Data (SMD) files that demonstrate that eligibility for Sunrise registration has been verified by the TMCH. Collectively, what a SMD file is, how it is created and what it is used for can be found in the RPM Requirements and the TMCH Functional Specifications (both of which registries and registrars must comply with).

- RPM Requirements: https://newgtlds.icann.org/en/about/trademark-clearinghouse/rpm-requirements-14may14-en.pdf
- TMCH Functional Specifications: https://www.ietf.org/archive/id/draft-ietf-regext-tmch-func-spec-02.txt

It was also suggested that a tutorial be organized for Working Group members to walk through the information. In the interim, the following definitions and descriptions from these documents may be helpful as basic information (please refer to the documents themselves for the full descriptions and scope):

Section 2.4.1, RPM Requirements:
- Registry Operator MUST NOT Allocate or register domain names during or in connection with the Sunrise Period unless a valid SMD file from the Sunrise-Eligible Rights Holder matching the applied for domain name was provided and the validation procedures described in the Trademark Clearinghouse functional specification were performed.

From the TMCH Functional Specifications:
SMD, Signed Mark Data: A cryptographically signed token issued by the (trademark validator) to the (trademark holder) to be used in the Sunrise Period to apply for a Domain Name that matches a Domain Name Label of a (mark pre-registered with the TMCH). An SMD generated by an ICANN-approved trademark validator (TMV) contains both the signed token and the TMV's (public key cryptographic) certificate.

SMD File: A file containing the SMD (see above) and some human readable data.

- After a successful registration of a mark, the (trademark validator) returns an SMD File to the (trademark holder). The SMD File can then be used for registration of one or more domain names covered by the (trademark holder's mark that was pre-registered with the TMCH) during the Sunrise Period of a TLD.

SMD Revocation List: The SMD Revocation List is used by Registries (and optionally by Registrars) during the Sunrise Period to ensure that an SMD is still valid (i.e. not revoked). The SMD Revocation List is used during the Sunrise Period to validate SMDs received.

- The SMD Revocation List contains all the revoked SMDs present in the (Trademark Clearinghouse Database) at the date and time it is generated. A new SMD Revocation List MUST be published by the TMDB twice a day, by 00:00:00 and 12:00:00 UTC. Registries MUST refresh the latest version of the SMD Revocation List at least once every 24 hours.

Thanks and cheers
Mary