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# Welcome

## The Trademark DataBase (TMDB) Explained

### Registry Operator Webinar

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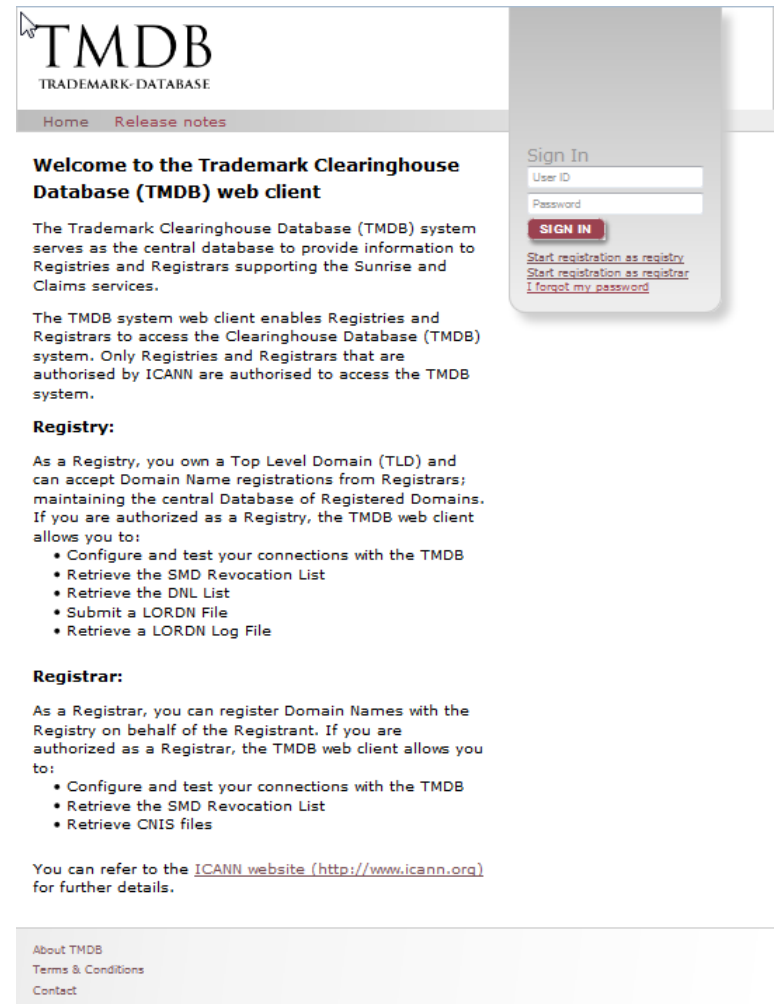
This Webinar will start June 3<sup>rd</sup>, 2014 - 08.00 hrs UTC

If you have questions or problems with your connection

Please contact us at  
[webinar@be.ibm.com](mailto:webinar@be.ibm.com)

# The Trademark DataBase (TMDB) Explained

Presenter(s) : IBM  
Version : 0.8



The screenshot shows the TMDB (Trademark Database) web client interface. At the top left is the TMDB logo with the text 'TRADEMARK-DATABASE' and navigation links for 'Home' and 'Release notes'. The main heading reads 'Welcome to the Trademark Clearinghouse Database (TMDB) web client'. Below this, a paragraph explains that the TMDB system serves as the central database for information on Registries and Registrars supporting Sunrise and Claims services. Another paragraph states that the web client enables Registries and Registrars to access the Clearinghouse Database, but only those authorized by ICANN. The interface includes a 'Sign In' section with fields for 'User ID' and 'Password', a 'SIGN IN' button, and links for 'Start registration as registry', 'Start registration as registrar', and 'I forgot my password'. Two sections, 'Registry:' and 'Registrar:', provide instructions and lists of actions for each role. The 'Registry:' section lists actions like configuring connections, retrieving SMD Revocation Lists and DNL Lists, and submitting LORDN Files. The 'Registrar:' section lists actions like configuring connections, retrieving SMD Revocation Lists, and retrieving CNIS files. At the bottom, there is a link to the ICANN website for further details and a footer with links for 'About TMDB', 'Terms & Conditions', and 'Contact'.

**TMDB**  
TRADEMARK-DATABASE

Home Release notes

### Welcome to the Trademark Clearinghouse Database (TMDB) web client

The Trademark Clearinghouse Database (TMDB) system serves as the central database to provide information to Registries and Registrars supporting the Sunrise and Claims services.

The TMDB system web client enables Registries and Registrars to access the Clearinghouse Database (TMDB) system. Only Registries and Registrars that are authorised by ICANN are authorised to access the TMDB system.

**Registry:**

As a Registry, you own a Top Level Domain (TLD) and can accept Domain Name registrations from Registrars; maintaining the central Database of Registered Domains. If you are authorized as a Registry, the TMDB web client allows you to:

- Configure and test your connections with the TMDB
- Retrieve the SMD Revocation List
- Retrieve the DNL List
- Submit a LORDN File
- Retrieve a LORDN Log File

**Registrar:**

As a Registrar, you can register Domain Names with the Registry on behalf of the Registrant. If you are authorized as a Registrar, the TMDB web client allows you to:

- Configure and test your connections with the TMDB
- Retrieve the SMD Revocation List
- Retrieve CNIS files

You can refer to the [ICANN website \(http://www.icann.org\)](http://www.icann.org) for further details.

About TMDB  
Terms & Conditions  
Contact



## Introduction: Contents of this webinar

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Introduction

Registration and Profile Management

Testing Sunrise functions

Testing Claims functions

Certification & certification exemption

Additional Information

How to get support

Q&A

This webinar is intended for **Registry Operators** and is aimed at explaining the TMDB services.



## TMDB Overview: Supporting Sunrise and Claims Processes

As part of ICANN's gTLD program, the Trademark Clearinghouse Database (TMDB) system serves as the central database to provide information for Registries and Registrars to support Sunrise and Claims processes, which are designed to protect trademark rights in this new domain space.

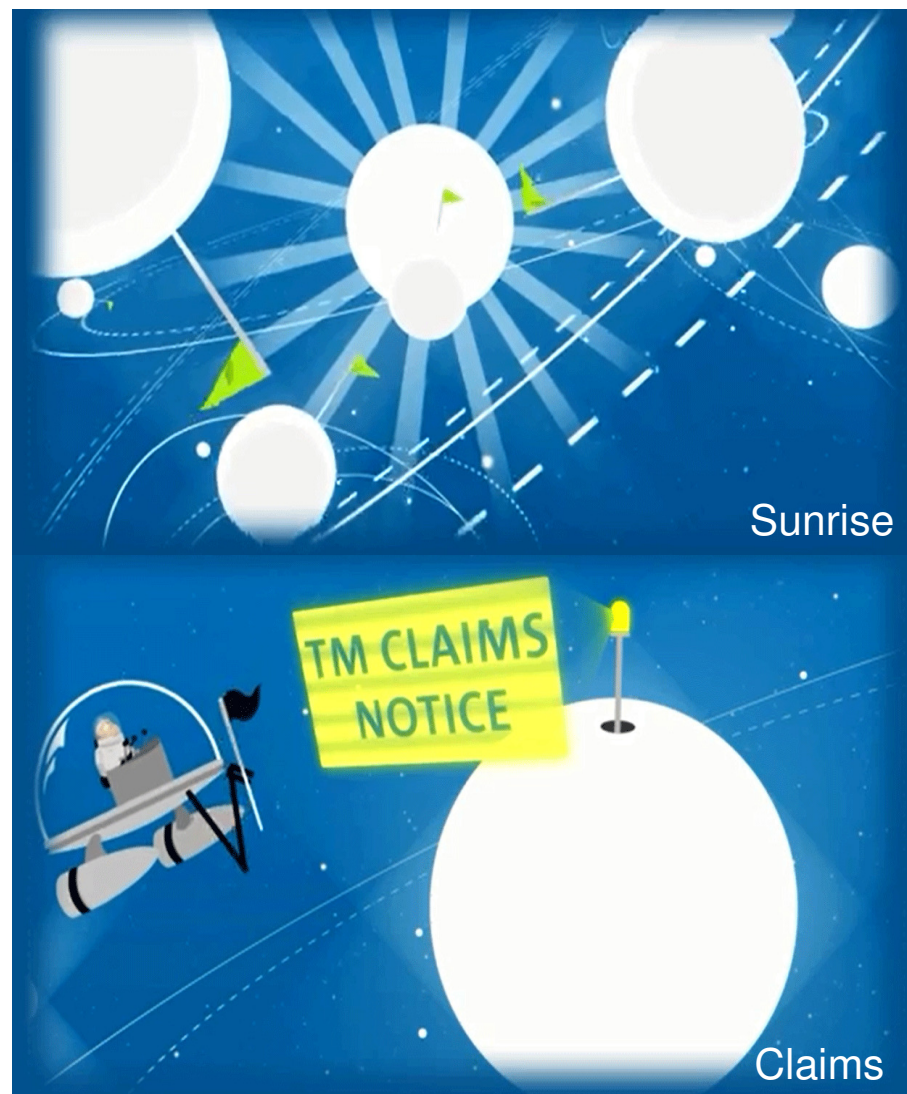
The TMDB stores validated trademark information from the Trademark Clearinghouse and makes this information available in the sunrise and claims functions it implements for Registries and Registrars.

An introduction animation to the Sunrise and Claims processes is available at

<http://www.trademark-clearinghouse.com/>

Details of the Sunrise and Claims processes can be found at

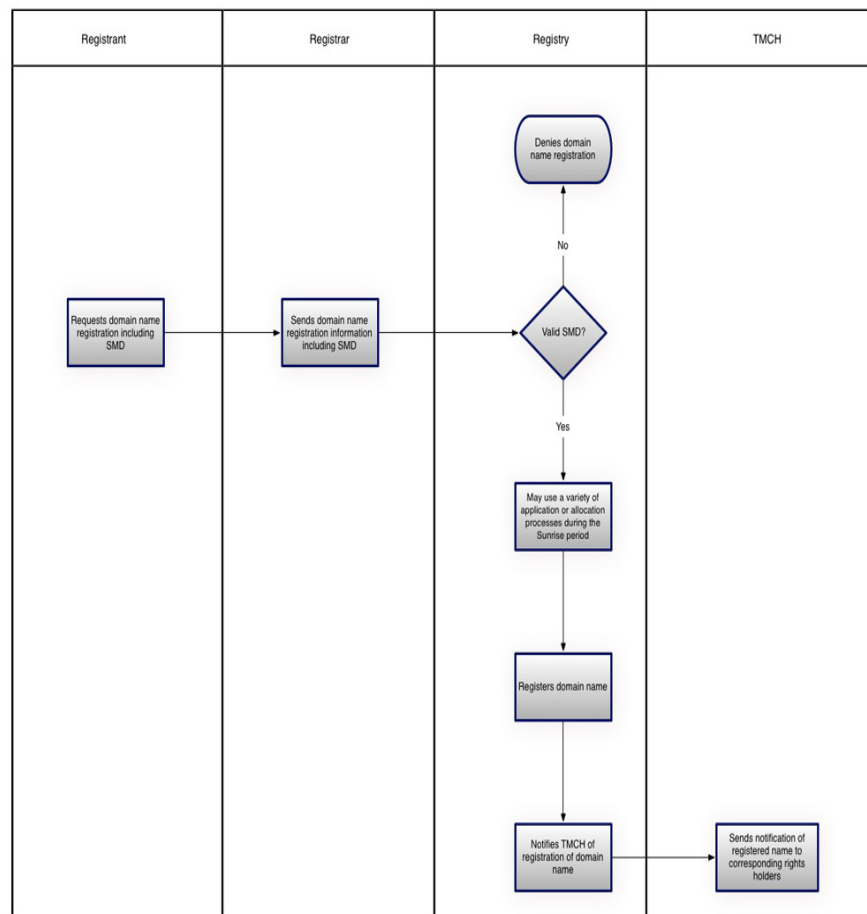
<http://newgtlds.icann.org/en/about/trademark-clearinghouse>



## The Sunrise process (Sunrise period)

### Sunrise process (Sunrise period)

- Exclusive registration period for trademark holders and agents that have been successfully verified in the Clearinghouse
- Precedes the general availability of the new gTLD to the public
- Gives these trademark holders an opportunity to register their trademark domain names
- Notifies trademark holders or agents of the registration of a domain name matching a label of a registered and validated mark name in the TMDB

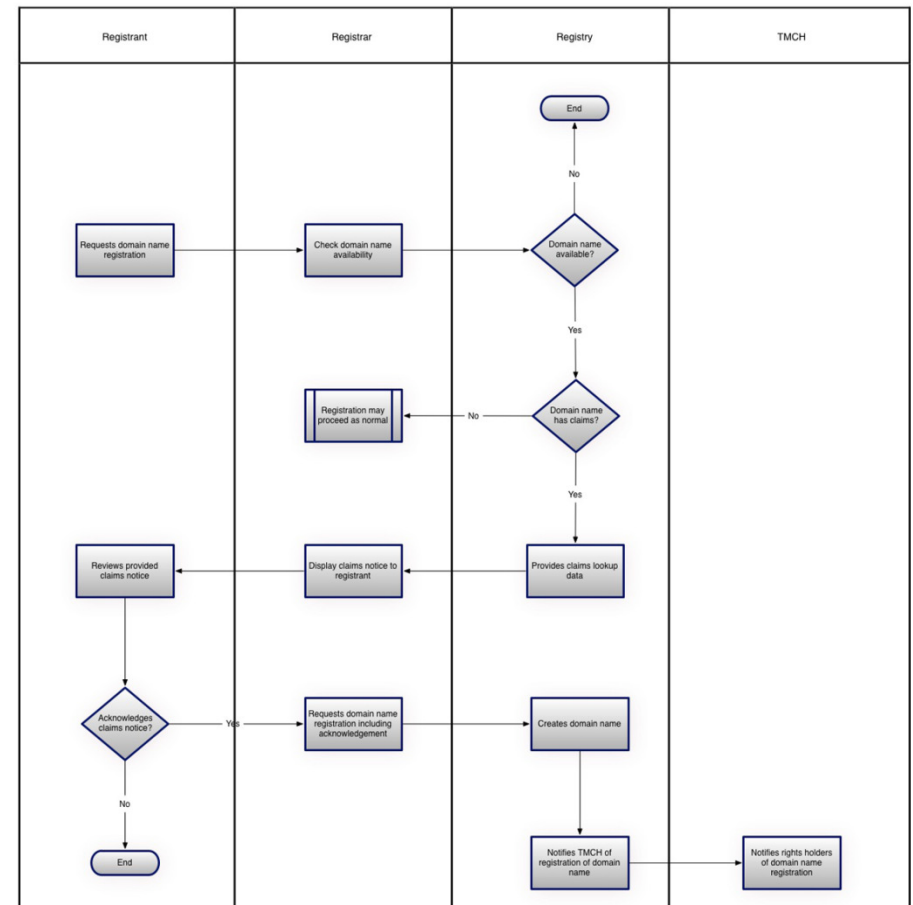


Details of the Sunrise process can be found at <http://newgtlds.icann.org/en/about/trademark-clearinghouse>

## The Claims process (Claims period)

### Claims process (Claims period):

- Ensures that all Registrants who want to register a domain name matching a label corresponding to an existing validated Mark record (including registered and validated Abused Labels) are presented with a Trademark Notice
- Notifies trademark holders or agents of the registration of a domain name matching a label (including Abused Labels) of a registered and validated Mark name in the TMDB



Details of the Claims process can be found at <http://newgtlds.icann.org/en/about/trademark-clearinghouse>

## TMDB Overview: TMDB services

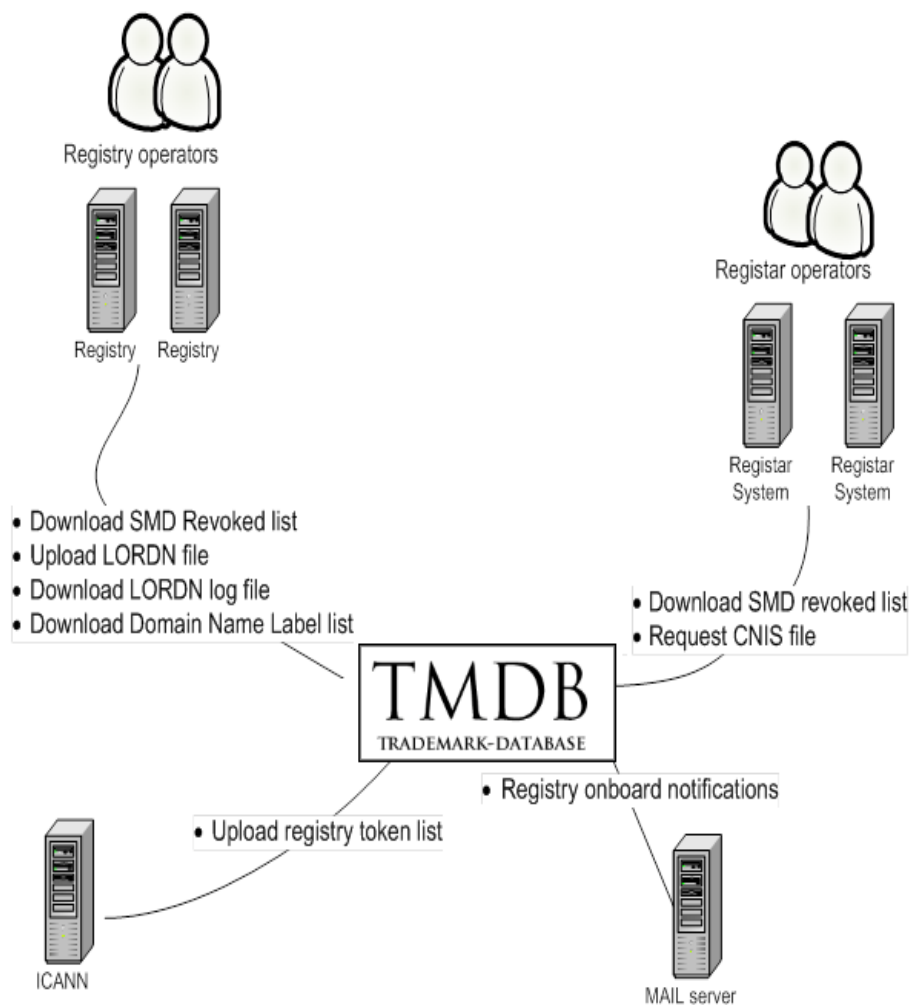
The TMDB system offers support for the Sunrise & Claims processes and implements the following functions for Registry Operators:

### Sunrise functions:

- Retrieve the SMD Revocation List
- Submit the Sunrise LORDN Files and retrieve the related LORDN Log Files

### Claims functions:

- Retrieve the DNL List
- Submit the Claims LORDN Files and retrieve the related LORDN Log Files
- Retrieve CNIS files

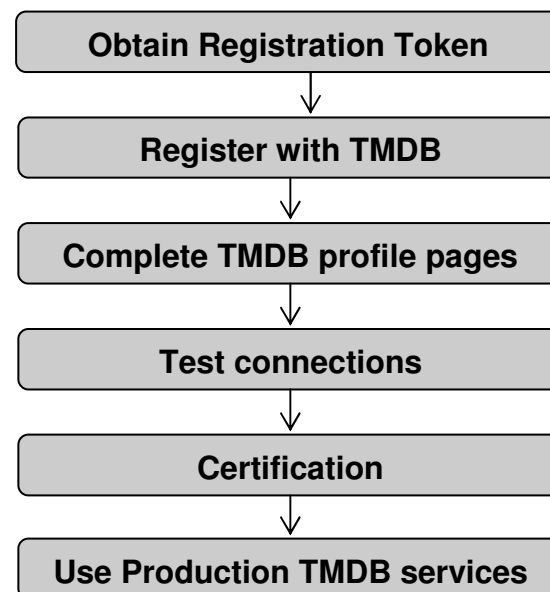


## Overview: Using the TMDB system

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Steps you will have to undertake before you can use the full production functionality of the TMDB system:

- Obtain a Registration Token from ICANN
- Register in the TMDB system using the Registration Token
- Configure your connections or profile in order to use the TMDB services
- Test
- Notify IBM and ICANN of test success and get certified
- Use TMDB services in the production environment





## Introduction: Contents of this webinar

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**Registration and Profile Management**

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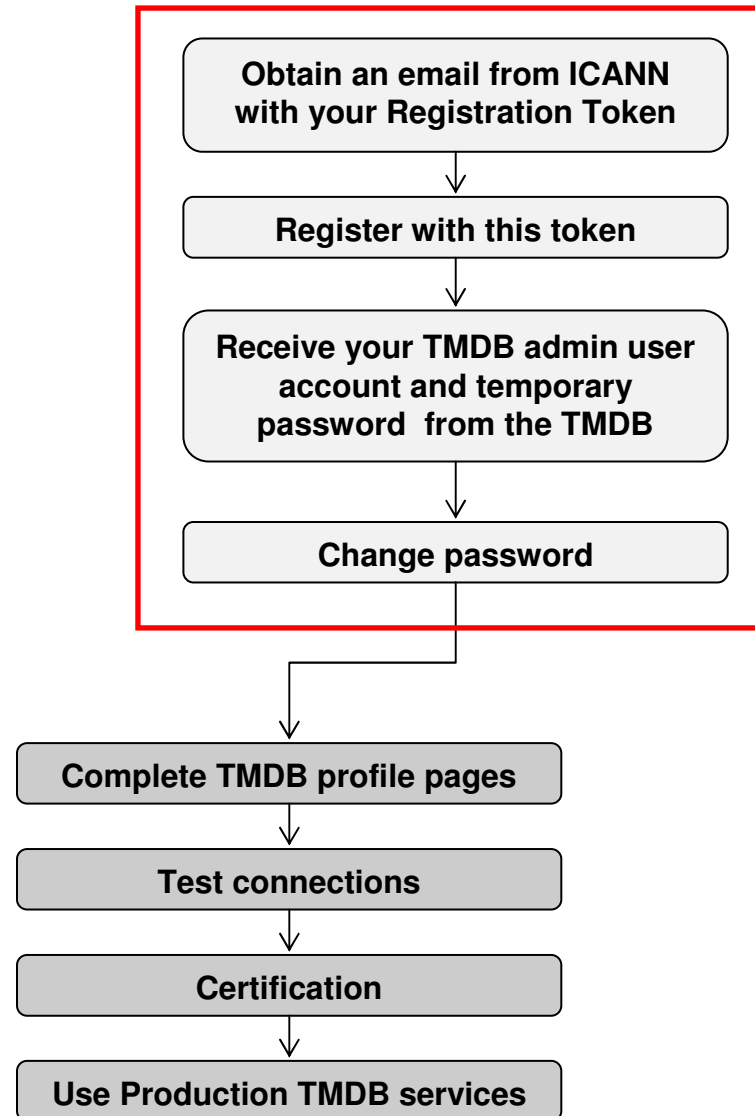
## TMDB registration steps

In order to set up your TMDB administrator account, several steps are required:

- You will have to obtain an email from ICANN with a registration token
- You will have to register with this token to obtain a TMDB user account and temporary password
- After you have received a user account, you have to set your new password

TMDB registration tokens are obtained from ICANN.

-Your final token can be obtained after having signed the Registry Agreement or 2013 Registrar Accreditation Agreement.



## Registering with TMDB: Step 1: obtain your Registration token



In order to obtain a TMDB Registration Token, you must have entered into a Registry Agreement with ICANN for operation of a gTLD. As part of the onboarding with ICANN you will also have to specify the email address which will be used by the TMDB system to send your logon credentials once you start registering with the TMDB system. You will then receive **an notification from ICANN with your Registration Token** and some instructions.

If you have signed a Registry Agreement with ICANN and have not received a registration token, or have any other question regarding the Registration Token, contact ICANN's Customer Support Center (CSC) at [newgtld@icann.org](mailto:newgtld@icann.org).

Dear <"name">,

Thank you for completing the Registry registration process, you are now also granted access to the TMDB environment.

The Web interface can be accessed via "<https://marksdb.org/tmdb/>"

Your credentials to access the TMDB environment are:

- gTLD: <gTLD>
- Token: <token>

Contact us for additional information regarding the environment  
<https://marksdb.org/tmdb/public/contact>

Please use the ticketing system available on the Clearinghouse User Interface to submit any issues or questions. We look forward to receiving your comments.

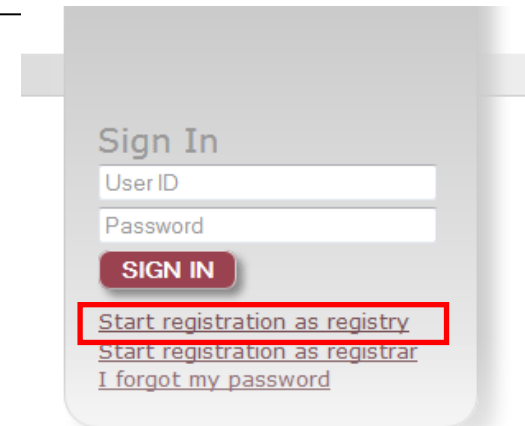
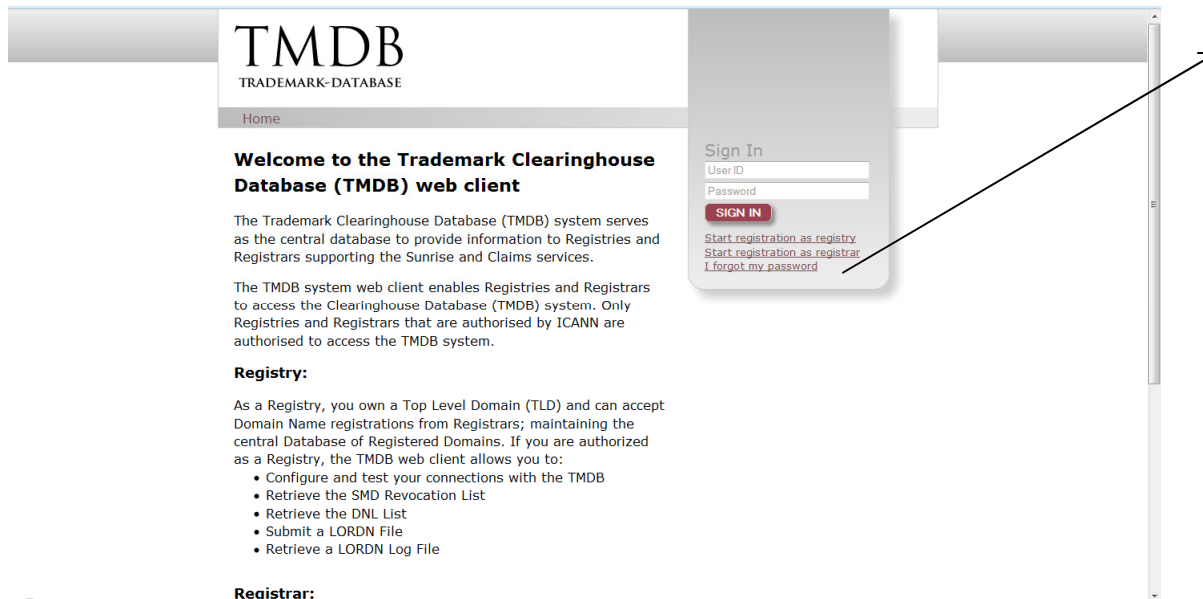
We thank you for your trust.

The Clearinghouse

Please do not reply to this e-mail address. If you should have any queries, then please submit your questions through the ticketing system available on the Clearinghouse User Interface.

## Registering with TMDB: Step 2a: register with token

With your token, you can register via the TMDB home page (<https://marksdb.org>)

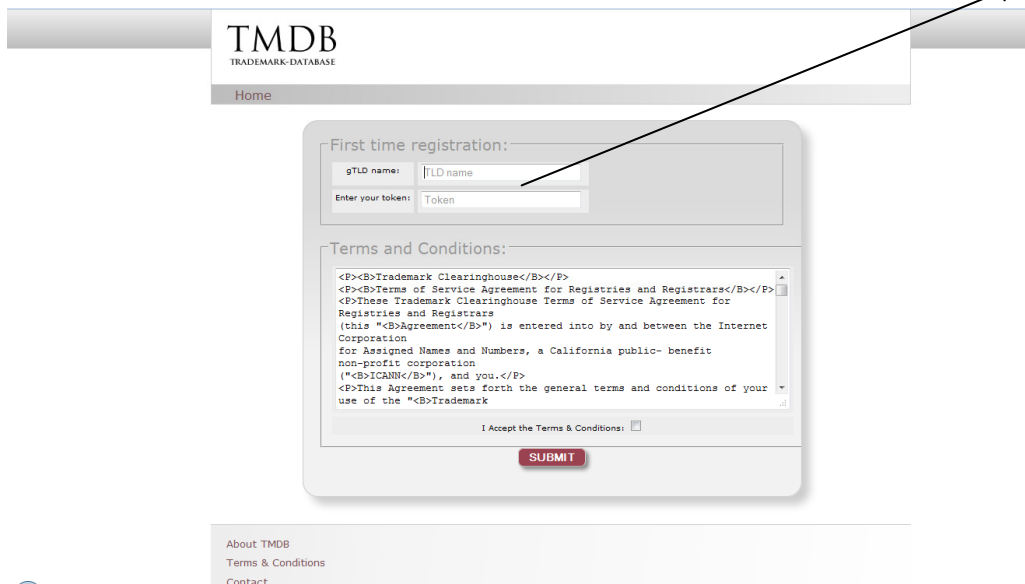


## Registering with TMDB: Step 2b: register with token

When clicking on the link “Start registration as registry” on the TMDB home page a new page will open for your first time registration.

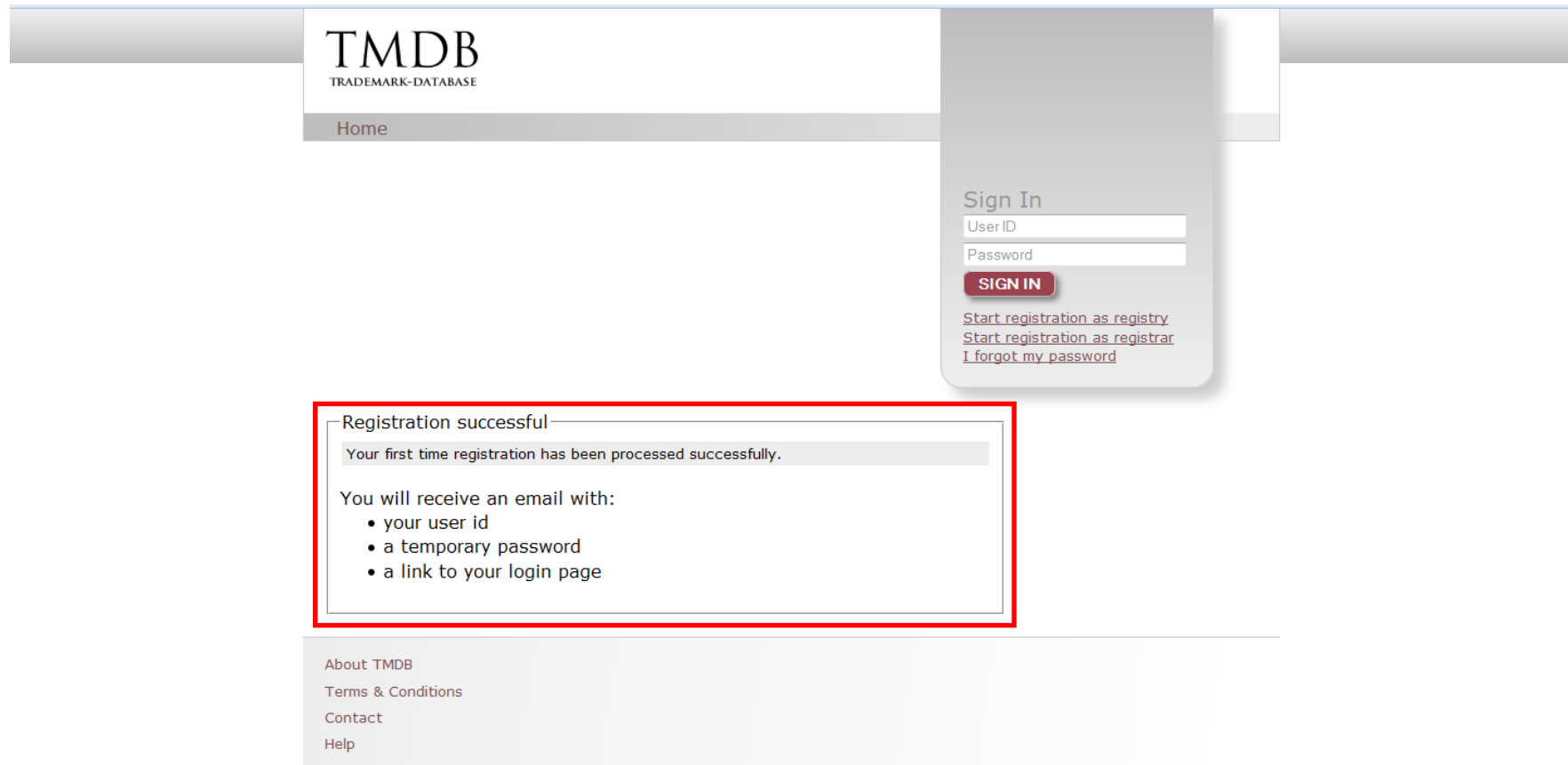
Enter the gTLD name and token you have received from ICANN

Accept the terms and conditions



## Registering with TMDB: Step 2c: register with token

### Registration Confirmation Screen



The screenshot shows the TMDB (TradeMark DataBase) website interface. The header includes the TMDB logo and a 'Home' link. A 'Sign In' panel is visible on the right, containing input fields for 'User ID' and 'Password', a 'SIGN IN' button, and links for 'Start registration as registry', 'Start registration as registrar', and 'I forgot my password'. A red-bordered box highlights a confirmation message: 'Registration successful' followed by 'Your first time registration has been processed successfully.' Below this, it states 'You will receive an email with:' and lists three items: 'your user id', 'a temporary password', and 'a link to your login page'. At the bottom, there is a footer with links for 'About TMDB', 'Terms & Conditions', 'Contact', and 'Help'.

TMDB  
TRADEMARK-DATABASE

Home

Sign In

User ID

Password

**SIGN IN**

[Start registration as registry](#)  
[Start registration as registrar](#)  
[I forgot my password](#)

Registration successful

Your first time registration has been processed successfully.

You will receive an email with:

- your user id
- a temporary password
- a link to your login page

About TMDB  
Terms & Conditions  
Contact  
Help

## Registering with TMDB: Step 3: receive your TMDB login credentials

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Upon a successful registration, an email will be sent with the following information:

- A unique user ID
- A temporary password
- The URL (link) to your login page

Dear A,

You have successfully completed the first part of registration process as a Registry. You now have access to the TMDB web client.

Please find below your username and temporary password:

- Username: administrator
- Password: KK KK

Please sign in at <https://marksdb.org> and change your password within ten (10) calendar days of the date of this e-mail.

Please do not reply to this e-mail address. If you have any questions, please submit them through the ticketing system available on the Clearinghouse user interface.

We thank you for your trust.

## Registering with TMDB: Step 4a: log on & change password

Once you received your username/temporary password, you can log on to the TMDB system at <https://marksdb.org>

Enter your username/temporary password

Sign In

User ID

Password

**SIGN IN**

[Start registration as registry](#)  
[Start registration as registrar](#)  
[I forgot my password](#)

**TMDB**  
TRADEMARK-DATABASE

Home

**Welcome to the Trademark Clearinghouse Database (TMDB) web client**

The Trademark Clearinghouse Database (TMDB) system serves as the central database to provide information to Registries and Registrars supporting the Sunrise and Claims services.

The TMDB system web client enables Registries and Registrars to access the Clearinghouse Database (TMDB) system. Only Registries and Registrars that are authorised by ICANN are authorised to access the TMDB system.

**Registry:**

As a Registry, you own a Top Level Domain (TLD) and can accept Domain Name registrations from Registrars; maintaining the central Database of Registered Domains. If you are authorized as a Registry, the TMDB web client allows you to:

- Configure and test your connections with the TMDB
- Retrieve the SMD Revocation List
- Retrieve the DNL List
- Submit a LORDN File
- Retrieve a LORDN Log File

**Registrar:**

Sign In

User ID

Password

**SIGN IN**

[Start registration as registry](#)  
[Start registration as registrar](#)  
[I forgot my password](#)



## Registering with TMDB: Step 4b: log on & change password

After you have successfully logged on to the TMDB system with your temporary password, you will be asked to set a new password.

Your password has expired: Please change your password.

Current password	<input type="text" value="Current Password"/>
New password	<input type="text" value="New Password"/>
Confirm new password	<input type="text" value="Confirm New Password"/>
<b>CHANGE PASSWORD</b>	

**TMDB**  
TRADEMARK-DATABASE

[Home](#)

Your password has expired: Please change your password.

Current password	<input type="text" value="Current Password"/>
New password	<input type="text" value="New Password"/>
Confirm new password	<input type="text" value="Confirm New Password"/>
<b>CHANGE PASSWORD</b>	

**Password policy**

- The password is case-sensitive.
- The password must be made up of at least 8 characters.
- The password must contain at least 4 alphabetic characters.
- The password must contain at least 2 non-alphabetic characters.
- Any character of the password can not be repeated more than 2 times.
- A new password can be used for a period of 91 days. After this period, the user must change it.

[About TMDB](#)  
[Terms & Conditions](#)  
[Contact](#)  
[Help](#)

## **Registering with TMDB: Step 4c: log on & change password**

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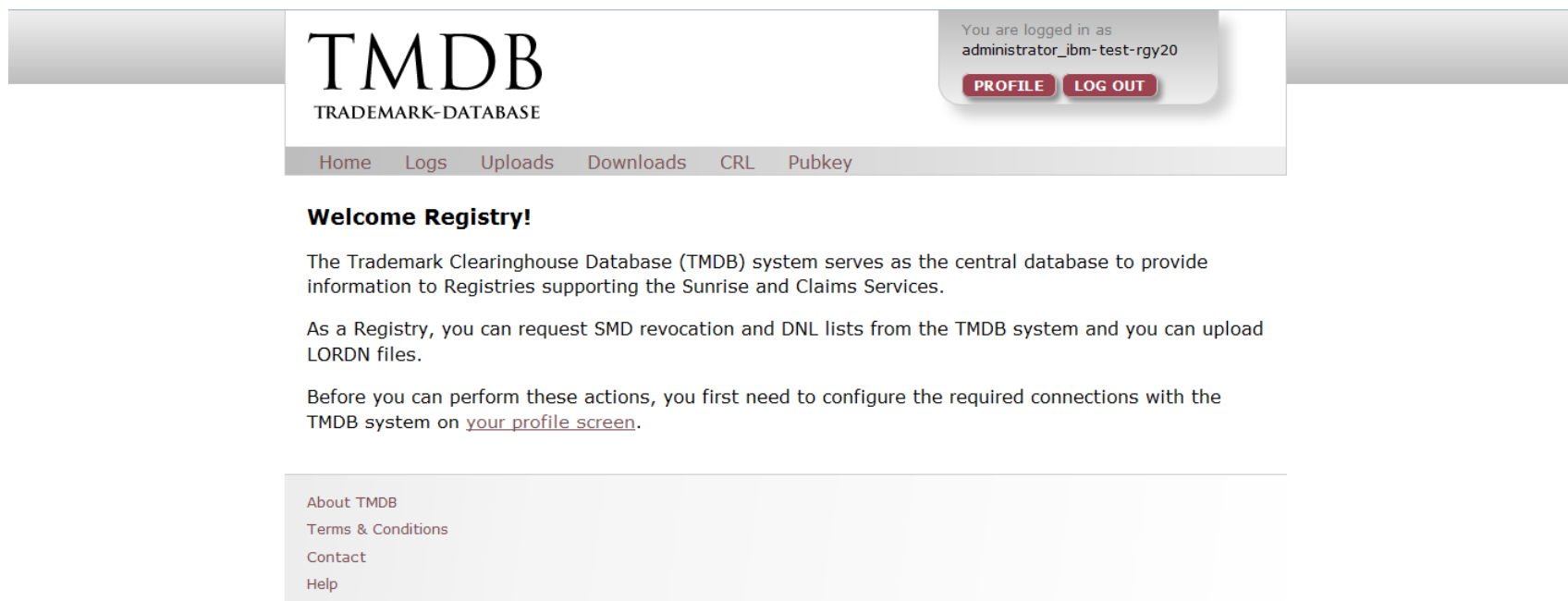
The password policy:

- The password is case-sensitive.
- The password must be made up of at least 8 characters.
- The password must contain at least 4 alphabetic characters.
- The password must contain at least 2 non-alphabetic characters.
- Any character of the password can not be repeated more than 2 times.
- A new password can be used for a period of 91 days. After this period, the user must change it.

## Registering with TMDB: Step 4d: log on & change password

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Welcome screen after login.



The screenshot shows the TMDB (Trademark-Database) welcome screen. At the top left is the TMDB logo and 'TRADEMARK-DATABASE'. To the right, a notification box indicates the user is logged in as 'administrator\_ibm-test-rgy20' with 'PROFILE' and 'LOG OUT' buttons. Below the logo is a navigation menu with links: Home, Logs, Uploads, Downloads, CRL, and Pubkey. The main content area features a 'Welcome Registry!' heading, followed by a paragraph explaining the TMDB system's role as a central database for registries. It then states that registries can request SMD revocation and DNL lists and upload LORDN files. A final paragraph advises that before performing actions, users must configure connections on their profile screen. At the bottom left, there is a sidebar menu with links: About TMDB, Terms & Conditions, Contact, and Help.

**TMDB**  
TRADEMARK-DATABASE

You are logged in as  
administrator\_ibm-test-rgy20  
[PROFILE](#) [LOG OUT](#)

[Home](#) [Logs](#) [Uploads](#) [Downloads](#) [CRL](#) [Pubkey](#)

**Welcome Registry!**

The Trademark Clearinghouse Database (TMDB) system serves as the central database to provide information to Registries supporting the Sunrise and Claims Services.

As a Registry, you can request SMD revocation and DNL lists from the TMDB system and you can upload LORDN files.

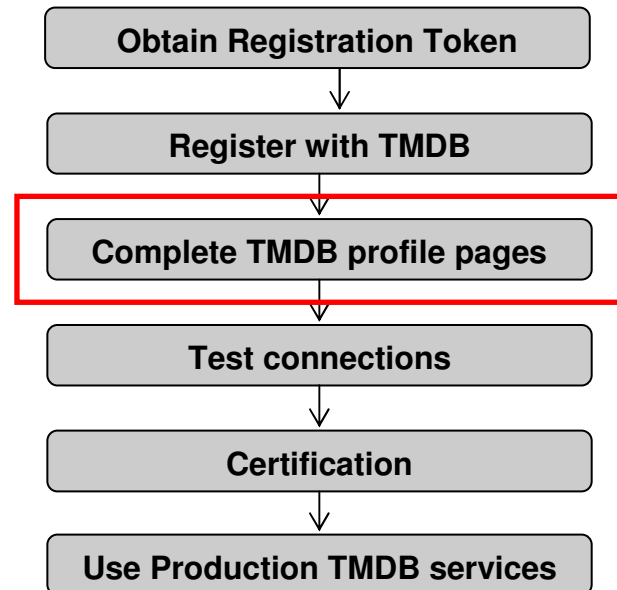
Before you can perform these actions, you first need to configure the required connections with the TMDB system on [your profile screen](#).

[About TMDB](#)  
[Terms & Conditions](#)  
[Contact](#)  
[Help](#)

## Completing your profile pages

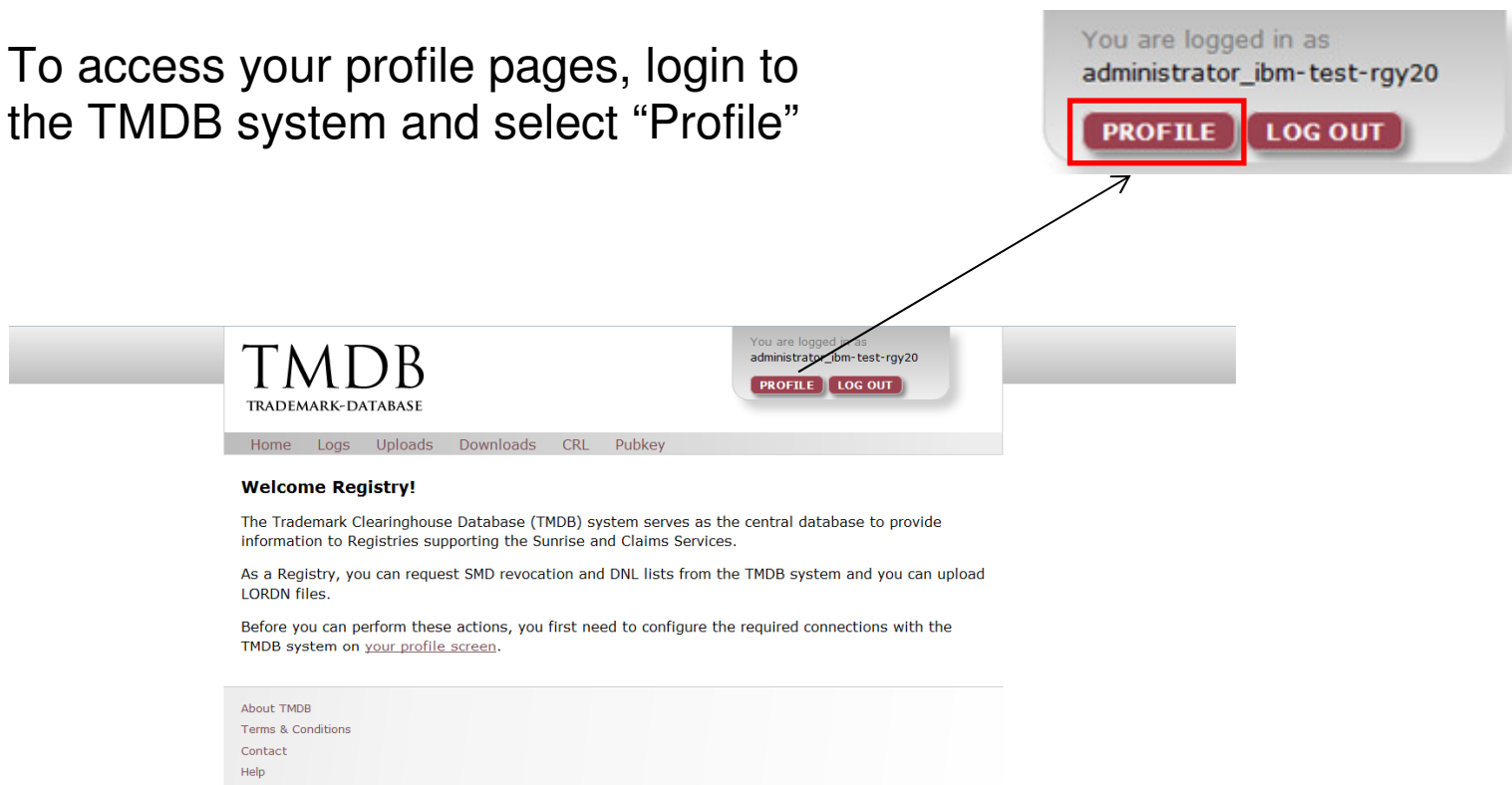
Steps you will have to undertake before you can use the full functionality of the TMDB system:

- Obtain a Registration Token from ICANN
- Register in the TMDB system using the Registration Token
- **Configure your profile in order to use the TMDB services**
- **Test if your configured connections function properly**
- Notify IBM and ICANN of test success and get certified
- Use TMDB services in the production environment



## Completing your profile pages

To access your profile pages, login to the TMDB system and select “Profile”

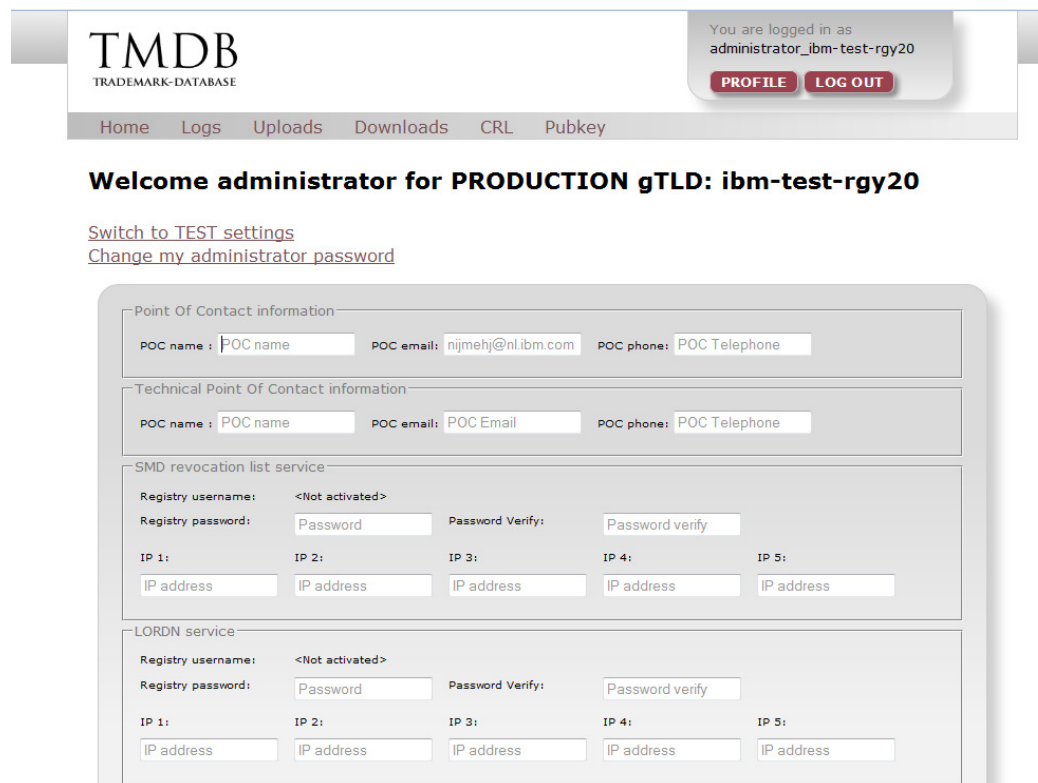


The screenshot shows the TMDB (Trademark Database) system interface. At the top, there is a navigation bar with the TMDB logo and the text 'TRADEMARK-DATABASE'. Below this, there is a menu with links for 'Home', 'Logs', 'Uploads', 'Downloads', 'CRL', and 'Pubkey'. The main content area displays a 'Welcome Registry!' message, followed by a paragraph explaining the system's purpose and a section for registry actions. A sidebar on the left contains links for 'About TMDB', 'Terms & Conditions', 'Contact', and 'Help'. In the top right corner, a user is logged in as 'administrator\_ibm-test-rgy20', and there are two buttons: 'PROFILE' (highlighted with a red box) and 'LOG OUT'. An arrow points from the 'PROFILE' button in the main interface to a larger, magnified view of the 'PROFILE' and 'LOG OUT' buttons in the top right corner.

## Completing your profile pages: Overview

The profile pages allow the following:

1. Complete Point of Contact information
2. Complete connection settings for Production access to Sunrise and Claims services
3. Complete connection settings for Test access to Sunrise and Claims services
4. Change your TMDB administrator password (the one you used to login to the TMDB system)



The screenshot shows the TMDB administrator interface. At the top, the TMDB logo and 'TRADEMARK-DATABASE' are visible. A notification bar indicates the user is logged in as 'administrator\_ibm-test-rgy20' with 'PROFILE' and 'LOG OUT' buttons. A navigation menu includes 'Home', 'Logs', 'Uploads', 'Downloads', 'CRL', and 'Pubkey'. The main content area displays a welcome message for the 'PRODUCTION gTLD: ibm-test-rgy20' and provides links to 'Switch to TEST settings' and 'Change my administrator password'.

The profile form is divided into several sections:

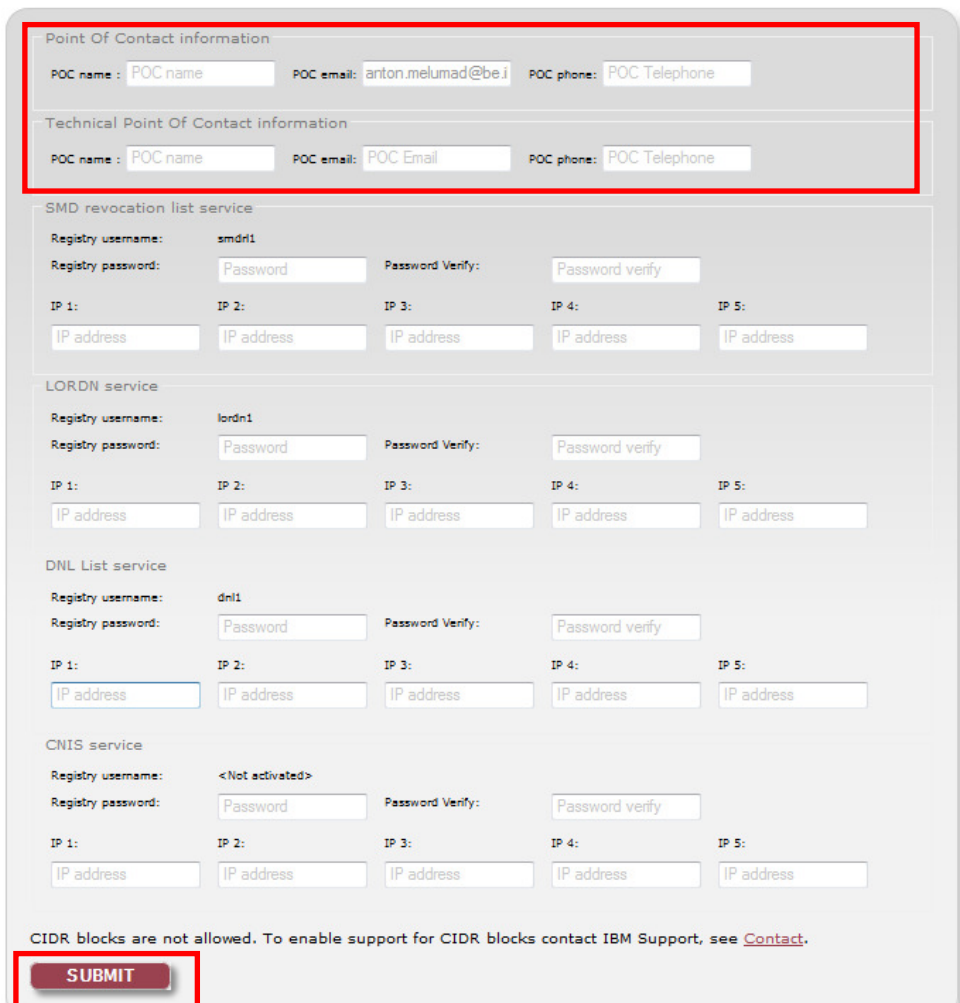
- Point Of Contact information:** Fields for POC name, POC email (njmehj@nl.ibm.com), and POC phone (POC Telephone).
- Technical Point Of Contact information:** Fields for POC name, POC email (POC Email), and POC phone (POC Telephone).
- SMD revocation list service:** Fields for Registry username (<Not activated>), Registry password (Password), Password Verify (Password verify), and five IP address fields (IP 1 to IP 5).
- LORDN service:** Fields for Registry username (<Not activated>), Registry password (Password), Password Verify (Password verify), and five IP address fields (IP 1 to IP 5).

## Completing your profile pages: Configure contact information

Contact information may be updated using the configuration screen as follows:

- ‘Point Of Contact’ (POC) information - this is the person to be contacted regarding administrative or general issues.
- ‘Technical Point Of Contact’ (TPOC) information - this is the person to be contacted by system maintenance or the helpdesk personnel regarding technical questions.

[Switch to PRODUCTION settings](#)  
[Change my administrator password](#)



Point Of Contact information

POC name :  POC email:  POC phone:

Technical Point Of Contact information

POC name :  POC email:  POC phone:

SMD revocation list service

Registry username:

Registry password:  Password Verify:

IP 1:  IP 2:  IP 3:  IP 4:  IP 5:

LORDN service

Registry username:

Registry password:  Password Verify:

IP 1:  IP 2:  IP 3:  IP 4:  IP 5:

DNL List service

Registry username:

Registry password:  Password Verify:

IP 1:  IP 2:  IP 3:  IP 4:  IP 5:

CNIS service

Registry username:

Registry password:  Password Verify:

IP 1:  IP 2:  IP 3:  IP 4:  IP 5:

CIDR blocks are not allowed. To enable support for CIDR blocks contact IBM Support, see [Contact](#).

## Completing your profile pages: Configure connection information

In order to connect to a Sunrise or Claims service, the following values are required:

- a password for each service (the can be the same for each service)
- at least one and maximum 5 IP address for each service (these can be the same for each service)

[Switch to PRODUCTION settings](#)  
[Change my administrator password](#)

Point Of Contact information

POC name :  POC email:  POC phone:

Technical Point Of Contact information

POC name :  POC email:  POC phone:

SMD revocation list service

Registry username:

Registry password:  Password Verify:

IP 1:  IP 2:  IP 3:  IP 4:  IP 5:

LORDN service

Registry username:

Registry password:  Password Verify:

IP 1:  IP 2:  IP 3:  IP 4:  IP 5:

DNL List service

Registry username:

Registry password:  Password Verify:

IP 1:  IP 2:  IP 3:  IP 4:  IP 5:

CNIS service

Registry username:

Registry password:  Password Verify:

IP 1:  IP 2:  IP 3:  IP 4:  IP 5:

CIDR blocks are not allowed. To enable support for CIDR blocks contact IBM Support, see [Contact](#).

**SUBMIT**



## Introduction: Contents of this webinar

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## TMDB Testing

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ICANN requires Registries and Registrars to go through a TMDB testing and certification process before using production functionality.

- This process is described in the ICANN “welcome package” and on the ICANN website at <http://newgtlds.icann.org/en/about/trademark-clearinghouse/registries-registrars>
- Only use TMDB test functions, before certification



## Sunrise Testing: Download the SMD revocation list: URLs

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Once the SMD revocation list test connections have been configured, they can be tested:

- A test SMD revocation list can be downloaded, as well as the corresponding signature file
- The validity of the SMD revocation list can be verified by using the signature file and the related public key that is published in the TMDB system

A test SMD revocation list can be downloaded from:

<https://test.ry.marksdatabse.org/smdr/smdr-latest.csv>

A test SMD revocation list signature can be downloaded from:

<https://test.ry.marksdatabse.org/smdr/smdr-latest.sig>

## Sunrise Testing: SMD revocation list function: signature file public key URL

- The public key can be downloaded from:

<https://marksdb.org/tmdb/public/pubkey>

- Or can be accessed via the TMDB web interface as shown on the right
- This public key can be used for validation of all downloaded TMDB files

TMDB  
TRADEMARK-DATABASE

Home Logs Uploads Downloads CR **Pubkey**

You are logged in as administrator\_ibm\_test\_rgy  
PROFILE LOG OUT

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v2.0.14 (GNU/Linux)

mQENBFHawggBCADUpTc5cW8aOrYmfkgERx0yufnAhnEnuXprn0+KLxYG+3zgXGQ9
SRJzNHPZfJGIApmyfwhS+HBX8xIT1DH5ZFlKN2Irr0cv0oTa9hFwxFaFbZn+29L3
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tU1929cRdV2NMn1lgHk7RCS0quZ2VkcDfdvWwJUyeM66Ya0NePjblbLYgen/Z1sA
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a3NkYi5vcmcgPHN1cHBvcnRabWFya3NkYi5vcmc+iQE4BBMBAgAIBQJR2sIIAhsD
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dIYZ8bTUuJoIb/+61ZaJXQi81FqxWdRs6iOyzQYoH+xo9iJd+RzXU8dZPKDIgKhT
I5S9NkEWto6y+mXNGLQd213606VODyFU6E834wbzVdJcODCqN2X4+v0cnzc2qHdt
IMyGKKsxx4QDRiFu+1mZUF2rz54I9Lm17MEpJCiMPgPeMMP3Vf7V0r74neviaeZ3
hhiHH+dNXO1/za1R4+Q27wQSVWKJHZtUV3g4pCQuOimGfVN9HSQtefQg4nv9jB2S
JpwsPWYKf4GRkBwbh05V81KwAiKUr14JB7dWx2DfTifhWRAqM06Tuqrb/jHDDzvs
qF/5nD3PwxYuuQENBFHawggBCADYr3ntr0Z8DdrCSRopUGF3AYYSEPrriuS6Td2t
eVnGY7ijStQdz1cgbeDrWmlPltR3NdXmFF2/Erwb5ayjFdKq/GWTr5kqOZccPwEc
4LVIV88OP1VZ1x30ArBUMCBvOPjPSa1aJ3ThHurRQ2uKyqCD+5nyxlqMczdrCvQ
UQxOJHYDz2kP53LAqe07Lx6qHQUKOP+dZ5FdZE/y1OYrhCuvygggYbNz3904sZ1
SJudhOLr7aIzgz7ZZDsCMtoRDi+HupRuVYg3ty6IiUtIhdIS8FUAIEh5hVgmM/Uq
exD/n2oVskzfyCEGpHYmlB+IiVYYgI329Ie6pxUO2J1/3zMDABEBAAGJAR8EGAEC
AAkFAlHawggCGwwACgkQW8LluWrww/YxqAf/fpgGnbKm7GeZ6/DiGCaz7uoDmxL+
mfHO/8ePabdEIf+adxfaPedo6r+1SLAPbSghD3UUNLadlwk2Y1Wcb3E5wRtBHGWG
5hwBESKPR15Hbi+raULWssMBMZ1JrMddMRDsFdFxdyht902Q2nurZsco8nyPZ/Zh
+r6v187L9JmyMjUMrcOOIyYHDOMTuZweE8duyTLESBqaI+60KvCmiGFN12q6HSwQ
kPFDerVKEZ3N484K2zIYW+9bJigrAJvQtFX49V9sVnVe8WxDBBSBjaUiIMQz1ogE
pDV/VhO1xy/qrOjZRGCBG7rNB9y97iRsdIqu6CPmDHgBBIx5nyZnuR0qEw==
=ZA9c
-----END PGP PUBLIC KEY BLOCK-----
```

## Testing the Sunrise LORDN service: URL

---

Once the LORDN connections have been configured, they can be tested by uploading test LORDN files.

As a Registry, you may post a Sunrise LORDN file at the following URL:

```
https://test.ry.marksdbs.org/test/LORDN/<TLD>/sunrise
```

LORDN Log Files can be retrieved using the URL provided in the HTTP location header field in the HTTP/202 return code which is issued if the interface was able to receive the LORDN file and the syntax of the LORDN file is correct.

The LORDN log files will be available within 30 minutes of the LORDN file upload. You must not attempt to retrieve more than once per minute.

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## Testing Claims services: DNL list service

---

Once the DNL list connections have been configured. A test DNL list can be downloaded.

The validity of the DNL list can be verified by a DNL list signature and a public key available from the TMDB system.

A test DNL list can be downloaded from:

[https:// test.ry.marksdbs.org/dnl/dnl-latest.csv](https://test.ry.marksdbs.org/dnl/dnl-latest.csv)

A test DNL list signature can be downloaded from:

<https://test.ry.marksdbs.org/dnl/dnl-latest.sig>

## Testing Claims services: public key

- The public key can be downloaded from:

<https://marksdb.org/tmdb/public/pubkey>

- Or can be accessed via the TMDB web interface as shown on the right
- This public key can be used for validation of all downloaded TMDB files

TMDB  
TRADEMARK-DATABASE

Home Logs Uploads Downloads CR **Pubkey**

You are logged in as administrator\_ibm\_test\_rgy  
PROFILE LOG OUT

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v2.0.14 (GNU/Linux)

mQENBFHawggBCADUpTc5cW8aOrYmfkgERx0yufnAhnEnuXprn0+KLxYG+3zgXGQ9
SRJzNHPZfJGIApmywhS+HBX8xIT1DH5ZFlKN2Irr0cv0oTa9hFwxFaFbZn+29L3
L0TZfQLUFZ2FLTuxdre03alNoN1ZOF+yoSPT3PKWacRWiWN+oBleuIAkxuFy0GcH
tU1929cRdV2NMn1lgHk7RCS0quZ2VkcDfdvWwJUyeM66Ya0NePjBlbLYqen/Z1sA
mJlcXRkzkF6DnPouDetFu5yonkl+1j+ICBwzbe2NpfHgf3+Er/WaVoGE+hTaaK2k
mp9+x6S+QJqa2Rd5Ru+Kr98BEZDXnwrinki9ABEBAAg0LHN1cHBvcnQgYXQgWfY
a3NkYi5vcmcgPHN1cHBvcnRabWFya3NkYi5vcmc+iQE4BBMBAgAiBQR2sIIAhsD
BgsJCACDAgYVCAIJCgsEFgIDAQIeAQIXgAAKCRBbwuW5avDD9pDNB/4mUHnDs/kJ
dIYZ8bTUuJoIb/+61ZaJXQi81FqxWdRs6iOyzQYoH+xo9iJd+RzXU8dZPKDIgKhT
I5S9NkEWto6y+mXNGLQd213606VODyFU6E834wbzVdJcODCqN2X4+v0cnzc2qHdt
IMyGKKsxx4QDRiFu+1mZUF2rz54I9Lm17MEpJCImpgPeMpm3Vf7V0r74neviaeZ3
hhiHH+dNXO1/za1R4+Q27wQSVWKJHZtUV3g4pCQuOimGfVN9HSQtefQg4nv9jB2S
JpwsPWYKf4GRkBwbh05V81KwAiKUr14JB7dWx2DfTifhWRAqM06Tuqrb/jHDDzvs
qF/5nD3PwxYuuQENBFHawggBCADYr3ntr0Z8DdrCSRopUGF3AYYSEPrriuS6Td2t
eVnGY7ijStQdz1cgbeDrWmlPltR3NdXmFF2/Erwb5ayjFdKq/GWTr5kqOZccPwEc
4LVIV88OP1VZ1x30ArBUMCBvOPjPSa1aJ3ThHurRQ2uKyqCD+5nyxlqMczdrCvQ
UQxOJHYDz2kP53LAqe07Lx6qHQUKOP+dZ5FdZE/y1OYrhCuvygggYbNZz3904sZ1
SJudhOLr7aIzgz7ZZDsCMtoRDi+HupRuVYg3ty6IiUtIhdIS8FUAIEh5hVgmM/Uq
exD/n2oVskzfyCEGpHYmlB+IiVYYgI329Ie6pxUO2J1/3zMDABEBAAgJAR8EGAEC
AAkFAlHawggCGwwACgkQW8LluWrww/YxqAf/fpgGnbKm7GeZ6/DiGCaz7uoDmxL+
mfHO/8ePabdEIf+adxfaPedo6r+1SLAPbSghD3UUNLadlw2Y1Wcb3E5wRtBHGWG
5hwBESKPR15Hb1+raULWssMBMZ1JrMddMRDsFdFxdyht902Q2nurZsco8nyPZ/Zh
+r6v187L9JmyMjUMrcOOIyYHDOMTuZweE8duyTLESBqaI+60KvCmiGFN12q6HSwQ
kPFDerVKEZ3N484K2zIYW+9bJigrAJvQtFX49V9sVnVe8WxDBBSBjaUiIMQz1ogE
pDV/VhO1xy/qrOjZRGCBG7rNB9y97iRsdIqu6CPmDhgBBIx5nyZnuR0qEw==
=ZA9c
-----END PGP PUBLIC KEY BLOCK-----
```



## Testing Claims services: CNIS service

---

**You can use the Lookup Keys contained in the DNL List to download the CNIS files.**

You can download a CNIS file directly via the URL on the right using the 'lookup key'.

Registrar can download a **CNIS file** using the 'lookup key':

**<https://test.tmcnis.org/cnis/<lookupkey>>**

## Testing Claims services: LORDN service

---

### Testing Claims LORDN file connections

Once the LORDN connections have been configured, they can be tested by uploading test Sunrise LORDN files.

Note that a test Claims LORDN file needs to be uploaded to a different URL as a test Sunrise LORDN file

A test **Claims** LORDN file can be uploaded to:

`https://test.ry.marksdb.org/LORDN/<tld>/claims`

## Testing Claims services: LORDN service

---

### LORDN Syntax Check

Before a LORDN file can be processed it is checked for valid syntax:

- Header is present and complete
- Column headers are correct
- Label data matches expected data types
- Mandatory data is present
- Etc.

If the check fails, the 400 HTTP response is returned containing details about offending lines in the response body, e.g.

```
Invalid format, line 3
```

## Testing Claims services: LORDN service

---

The results of LORDN processing are available in LORDN Log files.

LORDN Log Files can be retrieved using the URL provided in the “Location” header of HTTP/202 response issued if the interface was able to receive the LORDN file and the syntax of the LORDN file is correct, e.g.:

```
https://test.ry.marksdb.org/LORDN/<tld>/claims/000000000000127/result
```

The LORDN log files will be available within 30 minutes of the LORDN file upload. You must not attempt to retrieve the log more than once per minute.

## Testing Claims services: LORDN service

---

LORDN Log files are simple text files that contain processing status for the entire LORDN file as well as for individual label data.

Sample LOG file content:

```
1,2013-09-10T08:55:02.0Z,2013-09-10T08:50:17.7Z,00000000000000013423,accepted,warnings,3
roid,result-code
CL0001-VL1,2000
CL0002-VL1,2000
CL0003-VL1,3604
```

**Status codes:**  
**2xxx: OK**  
**3xxx: warnings (line processed, except in case of duplicates or in case of errors on other lines)**  
**4xxx: errors (file is rejected)**

## Qualified Launch Program: Sunrise List

---

In support of the Qualified Launch Program (QLP) a Sunrise List can be downloaded. The same interface as used for the DNL List Service allows to download the Sunrise List.

The validity of the Sunrise List can be verified by a Sunrise List signature file and a public key available from the TMDB system.

An updated "Sunrise List" is published at 00:00:00 and 12:00:00 UTC.

A test Sunrise list can be downloaded from:

[https:// test.ry.marksdatabse.org/dnl/surl-latest.csv](https://test.ry.marksdatabse.org/dnl/surl-latest.csv)

A test Sunrise list signature can be downloaded from:

<https://test.ry.marksdatabse.org/dnl/surl-latest.sig>

## Qualified Launch Program: LORDN QLP Interface

---

When QLP start and end date are defined, the Registry is allowed to upload Sunrise or Claims LORDN files using the LORDN QLP upload interface.

From a LORDN validation business logic perspective (section 6.3.1.1 of the TMCH Functional Specification), the QLP period is considered a mix of Sunrise and Claims period.

Registrations of domain names included in the "Sunrise list" require the use of an SMD, therefore the standard Sunrise LORDN file must be used for generating the NORNs.

Registrations of domain names not included in the "Sunrise list", but included in the "Domain Name Label list" require the claims acknowledgement to be received, therefore the standard Claims LORDN file must be used for generating the NORNs.

<https://test.ry.marksdB.org/LORDN/<tld>/claims/qlp>

<https://test.ry.marksdB.org/LORDN/<tld>/sunrise/qlp>

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## TMDB Testing

---

For the Registry following certification tests must be performed:

- Download a SMD Revocation List.
- Download a DNL list.
- Upload a Sunrise LORDN file with at least three (3) domain names that have been validated using the “testing SMDs” generated by the Trademark Clearinghouse and got the result code 2000 (=OK); retrieve the related LORDN log file.
- Upload a Claims LORDN file with at least three (3) domain names that have been validated using the “testing CNIS files” and got the result code 2000 (=OK); retrieve the related LORDN log file.

**SMD revoked**

**DNL**

**LORDN**

## ICANN Certification: Validation process

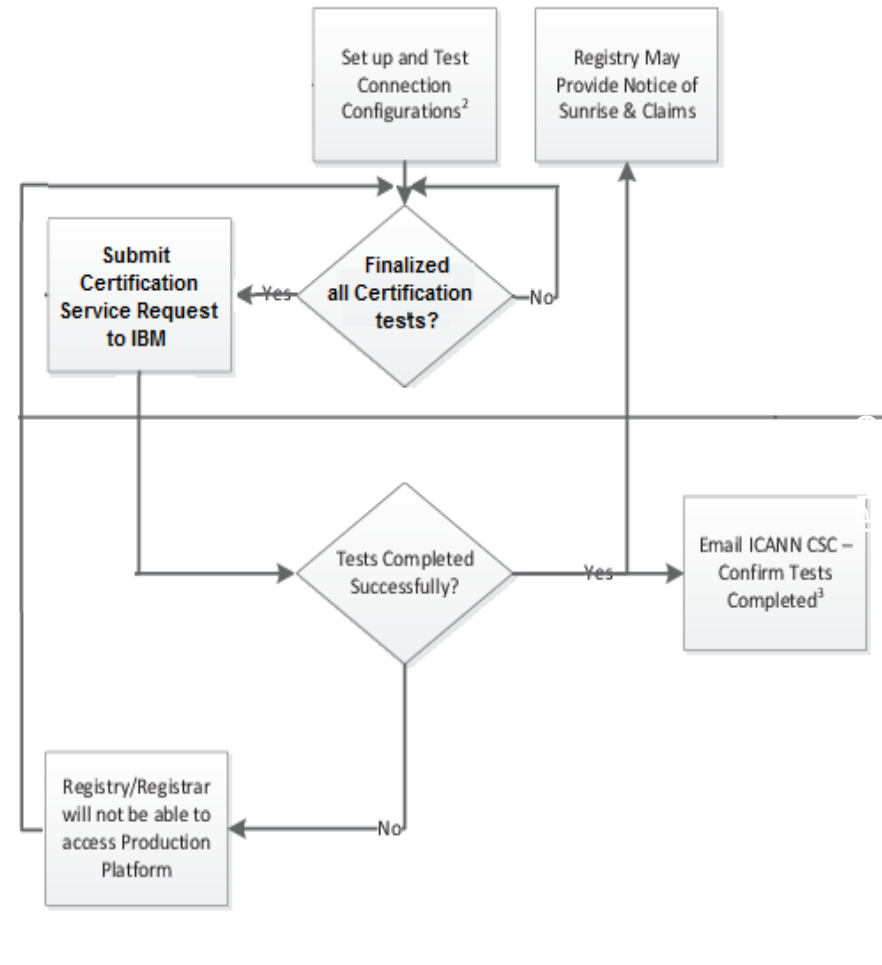
After successful testing a Service Request must be opened with the IBM Service Desk ([ICANNSD@nl.ibm.com](mailto:ICANNSD@nl.ibm.com)) to request certification.

### - Registry:

- ✓ email IBM at [ICANNSD@nl.ibm.com](mailto:ICANNSD@nl.ibm.com)
- ✓ subject: Certification request
- ✓ include gTLD for which certification is requested

### - IBM:

- ✓ Will verify the request within 2 working days
- ✓ Will notify the requester of the status
  - send an e-mail confirming successful test completion = certification
  - ask for repeating the tests in case of failure
- ✓ Will notify ICANN of successful test completion
- ✓ Will update and close the Service Request



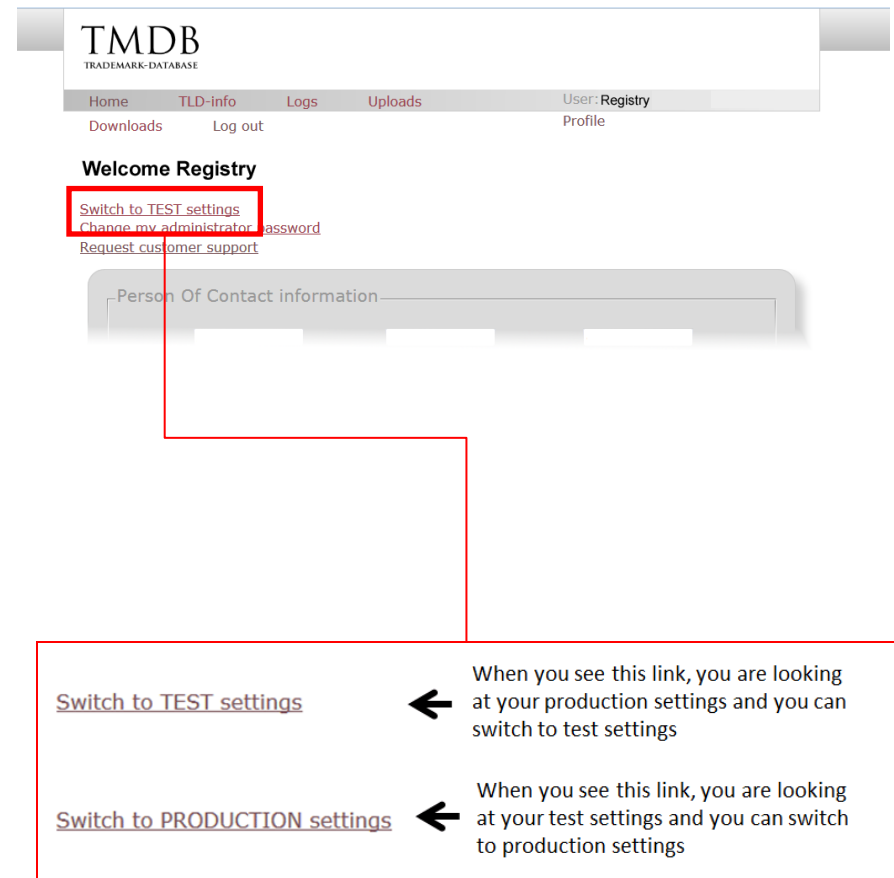
## ICANN certification for production : Configure production settings

•Once you have obtained ICANN certification, you can use the production environment. You will have to configure your production settings on your TMDB Profile Pages.

•More information on the testing and certification can be found on ICANN's webpage:

<http://newgtlds.icann.org/en/about/trademark-clearinghouse/registries-registrars>

in the Process Document located in the section Registration and Platform Access Information.



The screenshot shows the TMDB (TradeMark DataBase) interface. At the top, there is a navigation bar with links for Home, TLD-info, Logs, Uploads, Downloads, Log out, and User: Registry Profile. Below this is a 'Welcome Registry' section containing three links: 'Switch to TEST settings', 'Change my administrator password', and 'Request customer support'. A red rectangular box highlights the 'Switch to TEST settings' link. A red line extends from this box down to a larger red-bordered callout box. This callout box contains two entries: the first entry shows the link 'Switch to TEST settings' with a left-pointing arrow and the text 'When you see this link, you are looking at your production settings and you can switch to test settings'; the second entry shows the link 'Switch to PRODUCTION settings' with a left-pointing arrow and the text 'When you see this link, you are looking at your test settings and you can switch to production settings'.

## Certification Exemption

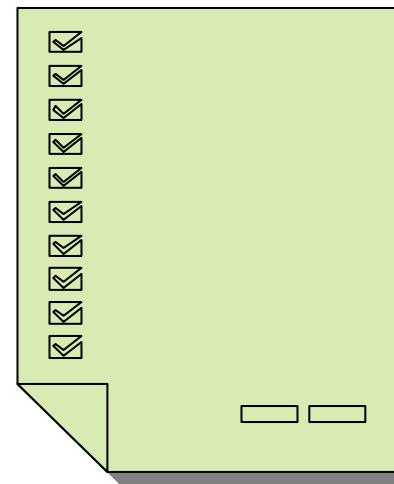
---

- Registries/Registry Operators handling a multitude of TLDs can request Certification Exemption:

- ✓ Mail IBM Service Desk at [ICANNSD@nl.ibm.com](mailto:ICANNSD@nl.ibm.com)

- ✓ Attach filled in Certification Exemption form and copies of 3 previously granted certifications

- Review of your request will be finalized within 7 working days.



The Certification Exemption process description as well as Exemption form are available on ICANN's web site at: <http://newgtlds.icann.org/en/about/trademark-clearinghouse/registries-registrars>

## Certification Exemption

---

- Certification Exemption can be requested only once
- Registry can apply Exemption to each future gTLD operated from the same infrastructure as previously certified gTLDs
- In order to apply granted Certification Exemption to a single gTLD the Registry needs to use the approved Exemption form as a template.
- Fill in section 3 of the approved Exemption form with details of specific gTLD and provide it to ICANN together with Startup Information. For each subsequent gTLD this action will be repeated.

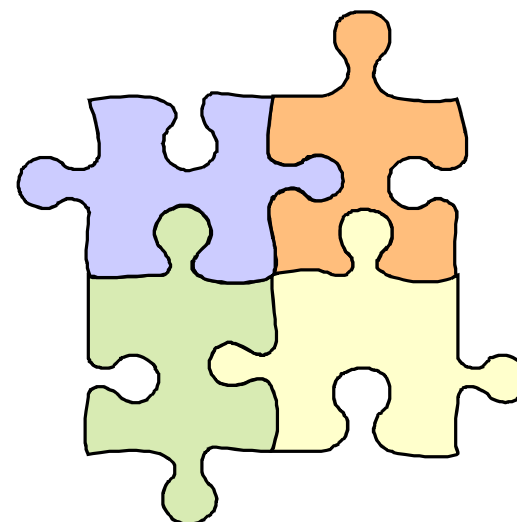


## Recertification

---

### Conditions under which recertification may be required:

- The Registry Operator's environment under which the original Certification or Certification Exemption was granted has or will be changed. Examples include:
  - A major change to the application code impacting the way in which the Registry Operator will communicate with the TMDB infrastructure
  - Source IP addresses have been or will be changed
- The TMDB infrastructure and/or interface has been or will be changed
- Major changes have been or will be implemented impacting the published ICANN technical specifications



A recertification can be requested by opening a Service Request with the IBM Service Desk ([ICANNSD@nl.ibm.com](mailto:ICANNSD@nl.ibm.com)).

## Certification Exemption education

---

- Certification Exemption process description as well as Exemption form are available on ICANN's web site at: <http://newgtlds.icann.org/en/about/trademark-clearinghouse/registries-registrars>



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## Configuring the LORDN service: LORDN rules

---

Several rules for uploading a LORDN file:

- Based on the timers used by TMVs and the TMDB, the RECOMMENDED maximum frequency to upload LORDN files from the Registries to the TMDB is every 3 hours.
- It is RECOMMENDED that Registries try to upload at least two LORDN files per day to the TMDB with enough time in between, in order to have time to fix problems reported in the LORDN Log file.
- The Registry SHOULD upload a LORDN file only when the previous LORDN file has been processed by the TMDB and the related LORDN Log file has been downloaded and processed by the Registry.



## Configuring Claims services: DNL list service

---

- Each Registry must download at least each day, and maximum two times a day (each 12 hours), an update list of labels submitted to claims.
- The URL of the interface to retrieve the latest file do not require knowledge of the file name
- Depending on UTC time the interface should return either `dnl_DDMMYYYY000000.csv` or `dnl_DDMMYYYY120000.csv` and the corresponding `.sig` signature files
- Registry must access the https URL with basic authentication (login – password).

## Fees

---

- No Fee for Registrars
- Registry fee
  - 5000 USD
  - when the new gTLD contract is signed with ICANN
  - 0,25 USD
  - Fee per successful matching domainname registration
  - Invoicing is done by ICANN

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## Supporting Material

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The draft TMCH functional specification

<http://tools.ietf.org/html/draft-lozano-tmch-func-spec-09>



ICANN TMDB webpages with:

- TMDB manuals
- FAQs
- explanation of SMD files
- details about the TMDB registration process
- ...

<http://newgtlds.icann.org/en/about/trademark-clearinghouse/scsvcs>

The TMDB webinar announcements & recordings:

<http://newgtlds.icann.org/en/announcements-and-media/webinars>

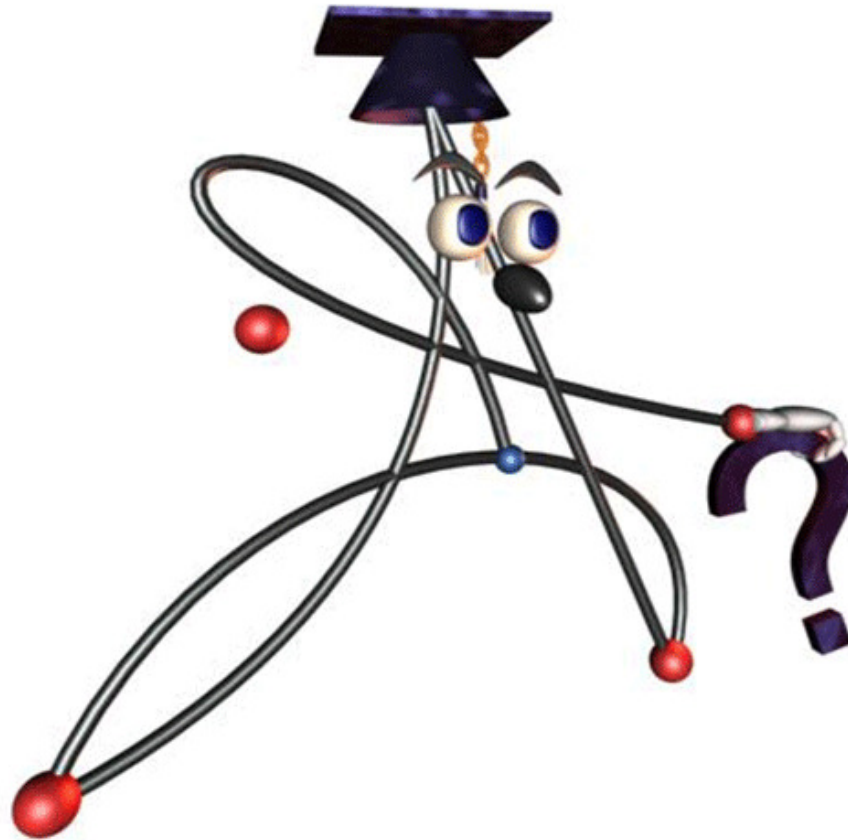
## Help resources: Getting Help

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For technical queries without answer in the published resources Contact IBM Service Desk as follows:

- By phone:
  - + 32 2 711 8604
  - + 48 7 1760 8509
- By mail: [ICANNSD@nl.ibm.com](mailto:ICANNSD@nl.ibm.com)





**Questions?**