# Alibaba Cloud Domain

FAQ

Issue: 20190226

MORE THAN JUST CLOUD | C-J Alibaba Cloud

## Legal disclaimer

Alibaba Cloud reminds you to carefully read and fully understand the terms and conditions of this legal disclaimer before you read or use this document. If you have read or used this document, it shall be deemed as your total acceptance of this legal disclaimer.

- 1. You shall download and obtain this document from the Alibaba Cloud website or other Alibaba Cloud-authorized channels, and use this document for your own legal business activities only. The content of this document is considered confidential information of Alibaba Cloud. You shall strictly abide by the confidentiality obligations. No part of this document shall be disclosed or provided to any third party for use without the prior written consent of Alibaba Cloud.
- 2. No part of this document shall be excerpted, translated, reproduced, transmitted, or disseminated by any organization, company, or individual in any form or by any means without the prior written consent of Alibaba Cloud.
- 3. The content of this document may be changed due to product version upgrades , adjustments, or other reasons. Alibaba Cloud reserves the right to modify the content of this document without notice and the updated versions of this document will be occasionally released through Alibaba Cloud-authorized channels. You shall pay attention to the version changes of this document as they occur and download and obtain the most up-to-date version of this document from Alibaba Cloud-authorized channels.
- 4. This document serves only as a reference guide for your use of Alibaba Cloud products and services. Alibaba Cloud provides the document in the context that Alibaba Cloud products and services are provided on an "as is", "with all faults " and "as available" basis. Alibaba Cloud makes every effort to provide relevant operational guidance based on existing technologies. However, Alibaba Cloud hereby makes a clear statement that it in no way guarantees the accuracy, integrity , applicability, and reliability of the content of this document, either explicitly or implicitly. Alibaba Cloud shall not bear any liability for any errors or financial losses incurred by any organizations, companies, or individuals arising from their download, use, or trust in this document. Alibaba Cloud shall not, under any circumstances, bear responsibility for any indirect, consequential, exemplary, incidental, special, or punitive damages, including lost profits arising from the use

or trust in this document, even if Alibaba Cloud has been notified of the possibility of such a loss.

- 5. By law, all the content of the Alibaba Cloud website, including but not limited to works, products, images, archives, information, materials, website architecture, website graphic layout, and webpage design, are intellectual property of Alibaba Cloud and/or its affiliates. This intellectual property includes, but is not limited to, trademark rights, patent rights, copyrights, and trade secrets. No part of the Alibaba Cloud website, product programs, or content shall be used, modified , reproduced, publicly transmitted, changed, disseminated, distributed, or published without the prior written consent of Alibaba Cloud and/or its affiliates . The names owned by Alibaba Cloud shall not be used, published, or reproduced for marketing, advertising, promotion, or other purposes without the prior written consent of Alibaba Cloud. The names owned by Alibaba Cloud include, but are not limited to, "Alibaba Cloud", "Aliyun", "HiChina", and other brands of Alibaba Cloud and/or its affiliates, which appear separately or in combination, as well as the auxiliary signs and patterns of the preceding brands, or anything similar to the company names, trade names, trademarks, product or service names, domain names, patterns, logos, marks, signs, or special descriptions that third parties identify as Alibaba Cloud and/or its affiliates).
- 6. Please contact Alibaba Cloud directly if you discover any errors in this document.

# **Generic conventions**

#### Table -1: Style conventions

Style	Description	Example
•	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	Danger: Resetting will result in the loss of user configuration data.
A	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	Warning: Restarting will cause business interruption. About 10 minutes are required to restore business.
	This indicates warning informatio n, supplementary instructions, and other content that the user must understand.	• Notice: Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus , page names, and other UI elements.	Click OK.
Courier font	It is used for commands.	Run the cd / d C :/ windows command to enter the Windows system folder.
Italics	It is used for parameters and variables.	bae log list instanceid Instance_ID
[] or [a b]	It indicates that it is a optional value, and only one item can be selected.	ipconfig [-all -t]

Style	Description	Example
{} or {a b}	It indicates that it is a required value, and only one item can be selected.	<pre>swich {stand   slave}</pre>

## Contents

Legal disclaimer	I
Generic conventions	
1 Concepts	1
1.1 Domain name differences	
1.2 Types of top-level domain names	1
2 Registration and Verification Issues	
2.1 Domain registration FAQs	
2.2 ICANN domain name-related email verification compliance FAQ	
2.3 Domain name information FAQs	7
3 Compliance Issues	10
3.1 Domain security FAQs	
3.2 TLD registry policies	

# 1 Concepts

#### 1.1 Domain name differences

Difference between .com and .net

Both .com and .net are the most widely used generic top-level domain names. They do not have any difference in registration and usage. The only difference is that .com appears earlier than .net and is more popular.

### 1.2 Types of top-level domain names

Top-level domain names (TLDs) include generic top-level domain names and country code top-level domain names.

- Generic top-level domain names (gTLDs) are most widely used domain names. For example, .com is mainly used by commercial entities, .net is originally used by network infrastructures, and .org is originally used by nonprofit organizations.
- Country code top-level domain names (ccTLDs) are domain names assigned to different countries/regions. For example, .cn indicates China, .us indicates the United States, .jp indicates Japan, and so on.

Now, there are more than 270 TLDs.

- Unsponsored gTLDs include: .com, .net, .org, .int, .arpa, .biz, .info, .name, and . pro. Unsponsored gTLDs are subject to fewer restrictions upon registration than sponsored gTLDs.
- Sponsored gTLDs include: edu, .gov, .mil, .aero, .cooper, .museum, .jobs, .mobi, . travel, .tel, .cat, and .asia. A sponsored TLD is a specialized top-level domain that has a sponsor representing a specific community served by the domain.
- TLDs with two characters (such as .uk and .de) match with official initials for over 250 countries and regions. These domain names are called country-code domain names (ccTLDs). Each ccTLD has a registration operator that operates ccTLDs in accordance with the local policies.

# 2 Registration and Verification Issues

## 2.1 Domain registration FAQs

- What can I do if my expected domain name has been registered by another person/entity?
- Can I register multiple domain names for the same website?
- What kind of contact number is required in the domain registration information?
- How long can I register a domain name for?
- What is the difference between the domain registrant and administrative contact?
- Can I request for a refund or change the order once I make the payment for a domain name?
- Do I need to submit the same materials multiple times if I want to register multiple domain names with the same information?
- How can I know if a domain name has been registered successfully?
- What can I do if the domain name I purchased remains in the processing status?
- .hk domain name

What can I do if my expected domain name has been registered by another person/entity?

Domain names are unique. When a domain name has been registered successfully , it cannot be registered by other people. However, you can try to search for other domain names. For example, if your expected domain name "abc.com" has already been registered, you can still register "abc.net" or "abc.cn", which has no difference in use. There is no difference in the use of the domain name of "abc.net" or "abc.cn".

If you really want to own a domain name that has already been registered by others, generally you can only negotiate with the current registrant of the domain name, and see if the registrant is willing to transfer the domain name to you.

You can enter the domain name to view its current registrant through *Alibaba Cloud WHOIS*.

Can I register multiple domain names for the same website?

Yes. No restriction is applied on the number of domain names that can be registered by each person/organization for a website. To be specific, you can register a domain name with different extensions, or multiple domain names for one website. When you are planning such a registration, consider the following:

- Registering a domain name with different extensions (such as www.commpanyna me.net and www.companyname.con) guarantees the uniqueness of your company brand, Domain names with different extensions can also be used to build websites in different languages for convenient access by people in different countries.
- Registering multiple domain names that point to the same website allows Internet users to easily find your website. This allows users to find your website even if they have misspelled, or do not even know how to spell the complete URL of your website.
- You can associate different domain names with sales promotion and activity advertisement websites, to propagate a special activity or facilitate a new product release or new project.
- You can also register a .com or .net domain name to send emails, which allows you to communicate with others in a professional manner. Your email address can contain your company name or brand name, instead of simply @hotmail.com or @ gmail.com.

What kind of contact number is required in the domain registration information?

When you fill the domain name registration information, the contact number is mandatory, but you can provide either a landline phone or mobile phone number.

How long can I register a domain name for?

Common domain names such as .com/.net/.cn can be registered for up to ten years.

What is the difference between the domain registrant and administrative contact?

Domain registrant and administrative contact are two different entities.

A registrant is the owner of the domain name. If the domain name is owned by a company, then the registrant indicates the company name. If the domain name is owned by an individual, then the registrant indicates the individual' s name. The registrant information must be genuine, accurate, and complete.

The administrative contact is the contact person responsible for domain name daily management. Make sure that the contact person can be promptly reached by the contact number and email, and can receive domain name related emails normally. If the domain name owner is an individual, then the domain name management contact can be the same person as the registrant.

Can I request for a refund or change the order once I make the payment for a domain name?

No. Once you make the payment for a domain name, you cannot withdraw the order or change any information within. A refund is not available. If you have purchased an unexpected domain name by mistake such as incorrect spelling, you can only register the expected domain again, and keep the unexpected domain at the same time.

If you register a domain name from the Chinese site of Alibaba Cloud (aliyun.com), the domain name must pass real-name authentication.

## Note:

- You cannot delete a successfully registered domain name. For the unexpected domain name, you must wait for it to expire.
- If you do not want to use a domain name as the domain name for your website, you can delete the DNS information on the console.

Do I need to submit the same materials multiple times if I want to register multiple domain names with the same information?

No. If you use the same information to register multiple domain names, you can only submit the materials once.

To do this, you must add all these domain names to the shopping cart and make payment for them at the same time.

How can I know if a domain name has been registered successfully?

Go to the *Alibaba Cloud Domain service* homepage, enter you domain name, and click Search to search the target domain name.

The result can tell you whether or not the target domain name has been registered. For a domain name that already be Taken, you can go to Whois system to view its registration information. Check the information of the domain name. If the domain name information is not your information, log on to the console to modify it.

What can I do if the domain name I purchased remains in the processing status?

If your order stays in the processing status after you make the payment, consider the following situations:

- Trademark protection: The domain name you attempt to register is protected by the Registry and cannot be registered. In this situation, our business personnel will change the order status as soon as they detect the domain name is reserved. Also , you will receive an email notification about this change. In this case, you have to register another domain name.
- Incorrect registration information: The registration information you provide before the payment is incorrect, and the Registry does not approve this registration
  - In this situation, our business personnel will request you to update the information and help you resubmit it to the Registry for approval. This process repeats till the registration is successful. In this case, it may take up to one business day.
- System upgrade: System upgrade may cause short suspension of business processing. The system will reactivate the business and complete the purchase after the upgrade. In this case, please wait for 30 minutes and check again.

.hk domain name

The domain name registration management institution for .hk domain names is *Hong Kong Domain Name Registration Company Limited (HKDNR)*.

.hk domain name registration is on a first come first served basis. If you have any dispute over any domain name, contact *Hong Kong International Arbitration Center*.

Dispute handling for Chinese and English .hk domain names are the same. Because of the diversity of traditional and variant Chinese characters, the arbitration award may cover all possible combinations of traditional and variant Chinese characters.

# 2.2 ICANN domain name-related email verification compliance FAQ

What is the ICANN domain name-related email verification compliance policy?

All registrars are required to formulate appropriate review policies and processes according to the relevant ICANN rules to guarantee business compliance. This serves to promote the normal and smooth provision of the overall domain name service.

Learn more: ICANN WHOIS ACCURACY PROGRAM SPECIFICATION.

#### How does Alibaba Cloud implement the ICANN compliance policy?

- To register a domain name, you must select the email verification template. Otherwise, the domain name cannot be registered.
- To modify the information of a domain name (including any changes to the domain name holder, administrative contacts, technical contacts, and billing contacts), the domain name holder's email address must also be verified. Otherwise, the modification process cannot proceed.
- When transferring domain names to Alibaba Cloud or performing bulk operations , you must select the email verification template. Otherwise, the process cannot proceed.

How do I perform email verification?

Log on to the Domain console and go to the Email verification page to perform domain name email verification. Enter the email address and submit it for verificati on. Then, log on to this email address to complete verification.

How do I remove a domain name clienthold due to pending email verification?

The clienthold is automatically removed after the domain name holder's email address is verified.

After my email is verified, do I need to verify it again later?

After an email address is verified, you do not need to verify it again, unless you delete the verified email address yourself. A single email address needs to be verified only once for a single account. However, you can apply to verify the same email address multiple times across multiple accounts.

Is there a maximum number of email addresses I can verify?

No. However, up to 500 email addresses can be verified for a single Alibaba Cloud account each day.

After I manually delete a verified email address, do I need to verify the email address when it is used to register a domain name?

Yes. Once you delete your verified email address, you must verify the email address when it is used to register a domain name or modify the information about the domain name. I have not submitted any email addresses for verification, so why do I have a verified email address?

To reduce your workload and improve user experience, we import verified email addresses from other Alibaba Cloud use cases, so you do not need to verify these email addresses again. For example, verified email addresses for a domain name are automatically transferred into Alibaba Cloud and included in the verified email address list.

## 2.3 Domain name information FAQs

- Must I provide genuine information during domain registration?
- Will Alibaba Cloud notify me when my domain name expires?
- Why can't I find my domain name in the Domain Name list?
- How to export the domain name list?
- How to search for domain name information?

Must I provide genuine information during domain registration?

When registering a domain name, you must provide the genuine information when registering a domain name. False information may cause serious consequences.

The domain name administration authority ICANN requires authentic information from all registrants during domain name registration. If any information of a domain name is false, ICANN has the right to cancel this domain name.

In case of domain name disputes, you may find yourself in a difficult situation if you have used false registration information, and your rights as the real registrant may not be protected.

Will Alibaba Cloud notify me when my domain name expires?

Yes. Upon expiry of an Alibaba Cloud domain name, Alibaba Cloud sends a notice to your Alibaba Cloud account's contact mailbox and mobile phone number. You will receive email reminders respectively 60 days, 45 days, 30 days, 15 days, and 10 days before, and on the first Monday of the first week after the domain name expiry. You will also receive text message reminders 10 days and 5 days before, and one day after the domain name expiry.

#### Why can't I find my domain name in the Domain Name list?

Possible causes and corresponding solutions are as follows:

- You have more than one Alibaba Cloud account, and your domain name was not registered with the account that is currently logged on. You can retrieve your account using your domain name information.
- You have missed the renewal/redemption period for your domain name, and it has already been removed. You can use *Alibaba Cloud WHOIS search* page to view the domain name status. If the status indicates that the domain name is not registered, you can register this domain name again. If your domain name has been registered by another person or entity, you have to negotiate with the registrant to see if the registrant would like to transfer the domain name to you.
- You have just completed the registration process and made the payment, but the domain name is not added to the domain name list.
  - That is because your account has outstanding payment, and the payment you just made has been used to offset the outstanding payment, causing failure to purchase the domain name. You can try to purchase this domain name again.
  - The domain name you attempted to register is subject to trademark protection or is a premium domain name. Alibaba Cloud will inform you of the registration failure and refund the payment you' ve made to your Alibaba Cloud account.

How to export the domain name list?

- 1. Log on to the Domains console.
- 2. Click Export Domain List in the upper right corner to export the domain name list to an Excel file.

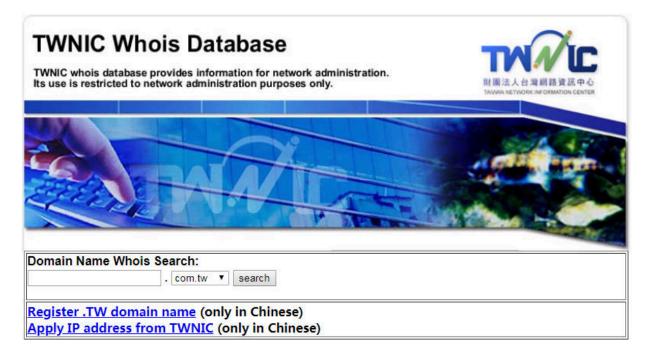
How to search for domain name information?

Go to the *Alibaba Cloud WHOIS* page, enter the domain name you want to search, and then click Search to view the domain registration information.

To comply with ICANN's Temporary Specification for gTLD Registration Data and the European Union's General Data Protection Regulation (GDPR), our registrar's public WHOIS output will no longer display personal data from 25 May 2018. As your privacy will be protected by default after the change becomes effective, Privacy and Proxy Service provided by Alibaba Cloud will be suspended after 25 May 2018. *Read details*.

#### To search Whois data for .tw domain names:

Log on to *Taiwan Whois Data Center platform*, enter the domain name in the Domain Name Whois Search field, select the .tw extension, and then click Search.



# **3 Compliance Issues**

### 3.1 Domain security FAQs

- Will I be charged for domain name proxy?
- What should I do if I want to modify domain name information when the domain name security lock has been set?
- Is the domain name lock effective when the domain name expires?
- When will it be effective for enabling or disabling the domain name proxy service?
- Will the domain name proxy service affect the normal use of the domain name?
- Will Alibaba Cloud forward messages or emails to customers when the domain name proxy service is used?
- Why do I receive crank calls or spam when the domain name is just registered?
- What is the diagnosing and processing scheme for DNS hijacking?
- Is verification by phone needed for domain name resolution?
- · How can I set to display real information of the domain name?
- What can I do if the domain name is stolen?

#### Will I be charged for domain name proxy?

The domain name proxy service is a free service. You can enable domain name proxy for domain names registered with Alibaba Cloud for free.

However, domain names using a registrant other than Alibaba Cloud are charged for this service.

To comply with ICANN's Temporary Specification for gTLD Registration Data and the European Union's General Data Protection Regulation (GDPR), our registrar' s public WHOIS output no longer displays personal data from 25 May 2018. As your privacy is protected by default after the change becomes effective, Privacy & Proxy Service provided by Alibaba Cloud is suspended after 25 May 2018. What should I do if I want to modify domain name information when the domain name security lock has been set?

When the domain name security lock is enabled, you must temporarily disable it to modify the domain name information.

Note:After modifying the domain name information, restore the domain name lock in time.

For more information about domain name lock service, see set domain name security lock.

Is the domain name lock effective when the domain name expires?

No. The domain name lock is dependent on the domain name, so expiration time for the domain name lock is no later than that of the domain name. When the domain name expires, the domain name lock service is automatically disabled.

When you renew or redeem the domain name, you can also re-enable the domain name lock service.

For more information about domain name lock service, see set domain name security lock.

When will it be effective for enabling or disabling the domain name proxy service?

Enabling or disabling the domain name proxy service takes effect immediately. But, it takes time for the whois system to update the information.

You can go to *Alibaba Cloud WHOIS search*, enter your domain name, and click Query to view the domain name registration information. If the information is not updated, click Obtain latest information to display the latest information.

Will the domain name proxy service affect the normal use of the domain name?

No. The domain name proxy service does not affect the normal use of the domain name. It only hides your real registration information from public query. All the operations such as domain name resolution setting, domain name renewal, registrati on information modification, domain name transfer, and so on, can be performed normally with the domain name proxy service enabled.

Hiding the registration information does not affect your ownership of the domain name.

If you want to transfer your domain name to another domain name registrar, you must disable the whois domain name proxy service in advance. Otherwise, you may not be able to receive the domain name transfer confirmation email sent to your mailbox in the registration information.

Will Alibaba Cloud forward messages or emails to customers when the domain name proxy service is used?

No. When the domain name proxy service is enabled, Alibaba Cloud does not forward any messages or emails (including, but not limited to domain name arbitration emails and other emails related to the domain name). Therefore, if you want to normally receive emails sent to the mailbox in the registration information by others, you must temporarily disable or delete the service.

Why do I receive crank calls or spam when the domain name is just registered?

The domain name is originated in 1986. To facilitate public access, international domain name registration information must be publicly accessible, including the registrant's contact number, email address, and contact name, as required by top-level domain name authorities. Domain names are generally the first step in website construction. Some web marketing or website construction companies seize this opportunity to obtain contact information (including phone or email information) related to domain names through public querying the domain name registration information.

To prevent crank calls or spam, Alibaba cloud provides the free domain name information protection service, Domain name proxy service, for dozens of Chinese/ English suffixes such as .com/.net/.xin/.game/.vip/.work/.mom/.lol.

In addition, China Internet Network Information Center (CNNIC) manages .cn domain names and provides public domain name information query service, which can only access registrant's contact email. The domain name proxy service does not apply to CNNIC's query service.

What is the diagnosing and processing scheme for DNS hijacking?

DNS is used for domain name resolution. When a domain name is used to access a website or corresponding service, it must be resolved by DNS to a corresponding IP address (the server), so that the Internet can route the domain name to a proper node and return the expected content to the user.

DNS hijacking intercepts a domain name resolution request (based on the purpose of hijacking) within a specific network range (a local area or a whole network) and returns a wrong IP address or does not respond, so that the real user accesses an incorrect service or false information.

The diagnosing and processing scheme for DNS hijacking is as follows:

- Run mslookup (for a Windows host) or dig (for a Linux host) on the local machine to check whether the resolved IP address is correct.
- Use external tools to collect and confirm failure details such as hijacking range.
- Feed back the test result to corresponding ISP for handling as soon as possible, and try to modify the DNS to Alibaba Cloud DNS (223.5.5.5 or 223.6.6.6) to check whether the resolution is normal.
- · For emergency businesses, you can directly access through IP addresses.

Is verification by phone needed for domain name resolution?

When you perform resolution operations in the Member Center, you may be required to enter the phone verification code, indicating that you are not operating in a commonly used computer or network environment, and a risk control is triggered.

If your phone number is normal while you cannot receive the verification code, try the following methods:

- The verification code may be delayed. If you still cannot receive the verification code after waiting for a while, you can try again later.
- Confirm whether your phone can send and receive text messages (such as whether your phone charge is overdue).
- Check whether the verification message is intercepted by third-party security apps (such as 360 Mobile Guard).
- If none of the preceding methods works, replace the SIM card to another phone and try again.

How can I set to display real information of the domain name?

Alibaba cloud provides a free domain name proxy service for dozens of Chinese/ English suffixes such as .com/.net/.xin/.game/.vip/.work/.mom/.lol. When domain names using this service are queried on Domain name information query, the real registrant information and contact number are not be displayed publicly.

If you want your real information to be displayed, follow these steps:

- 1. Log on to the *Alibaba Cloud Domains console*. Locate the target domain name and click the corresponding Manage
- 2. Go to the Proxy and Security page, and click Security > Security Settingsdisable Domain name proxy service.

What can I do if the domain name is stolen?

If the domain name is managed in Alibaba Cloud before it is stolen, we do our best to help you retrieve the stolen domain name. Domain name theft is generally divided into two situations:

- The domain name is stolen, but still being managed in Alibaba Cloud.
  - Call after-sales to contact us as soon as possible, to take measures such as locking the domain name, to prevent the domain name from being transferred out or the domain information being modified.
  - At the same time you must provide materials that can prove the identity of the registrant to Alibaba Cloud.
- The domain name is stolen, and it is transferred out of Alibaba Cloud and managed by another registrar.
  - Contact Alibaba Cloud.

You must contact Alibaba Cloud promptly when the domain name is stolen, and provide detailed feedback, so that Alibaba Cloud can respond in time. You can ask Alibaba Cloud to contact the current registrar to help lock the domain name and prevent the domain name from being transferred again or the domain information being modified.

- Contact the current registrar.

You can ask Alibaba Cloud to contact the current registrar, or you can contact the current registrar by yourself, to report and provide evidence of the stolen domain name. When the current domain name service provider receives the report, it generally informs the domain name certification materials to be provided within 3 working days, including the registrant's certificate materials and a retrieve statement. International registrars require evidence and statement in English.

- Wait for the current registrar's investigation.

The current registrar reviews and starts a investigation after receiving your evidentiary materials. The investigation generally takes a week. If investigation result from the current registrar shows a malicious transfer, Alibaba Cloud creates an account with the current registrar for the current registrar to transfer the stolen domain name to.

- Retrieve the stolen domain name. You can contact Alibaba Cloud to obtain the newly created account of the current registrar, to regain the domain name registrant. You can either keep the domain name in this account, or transfer it back to Alibaba Cloud.

## 3.2 TLD registry policies

Policies of different registries vary. Here we list the policies of some registries for reference.

TLD	Policies	Registry
asia	http://www.dot.asia/dotasia-organisation/policy -development/	DotAsia
name	http://www.verisign.com/assets/name- acceptable-use-policy.pdf?inc=www.verisigninc .com	Verisign
net	N/A	Verisign
com	N/A	Verisign
сс	http://www.verisign.com/en_US/channel- resources/become-a-registrar/verisign-domain- registrar/domain-registration/index.xhtml	Verisign
tv	http://www.verisign.com/en_US/channel- resources/become-a-registrar/verisign-domain- registrar/domain-registration/index.xhtml	Verisign
me	http://domain.me/policies/	Dot Me
mobi	http://dotmobi.mobi/about/dispute-resolution	Afilias
info	http://info.info/about/legal	Afilias

TLD	Policies	Registry
red	http://www.afilias.info/policies	Afilias
kim	http://www.afilias.info/policies	Afilias
pro	http://registry.pro/about	Afilias
loan	http://www.famousfourmedia.com/policies/	Famous Four Media
men	http://www.famousfourmedia.com/policies/	Famous Four Media