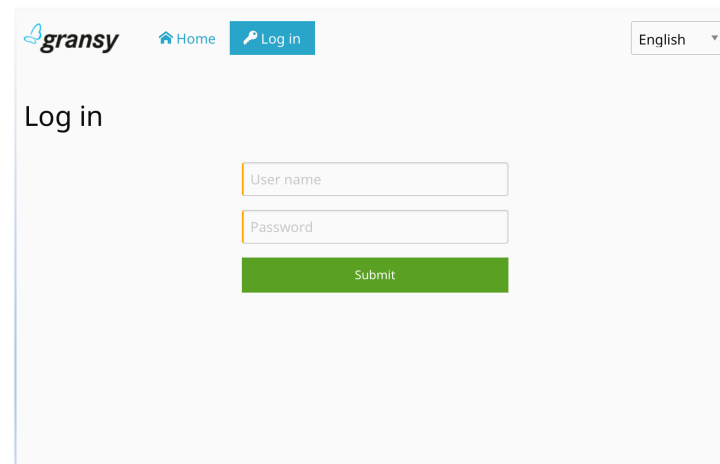


Regtons Registry

Registry Manual
















Registry Manual - Login

- 1, Go to https://<your_regtons_registry_url>
- 2, Default login/password is root

A screenshot of the gransy login page. The page has a light gray background. At the top left is the "gransy" logo with a blue butterfly icon. To its right are links for "Home" and "Log in". At the top right is a language dropdown menu set to "English". Below the logo, the text "Log in" is displayed. In the center, there are two input fields: "User name" and "Password", both with orange borders. Below these fields is a green "Submit" button.

Registry Manual – Menu Items

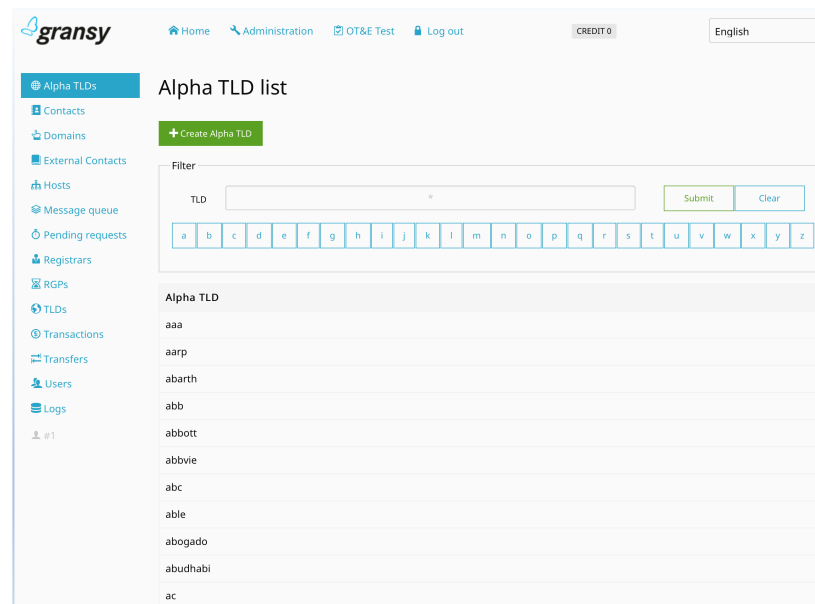
Alpha TLDs	Definition of valid TLDs for domain/hosts validation
Contacts	Contacts management
Domain	Domains management
External Contacts	External Contacts management
Hosts	Hosts management
Message queue	List of POLL messages to registrars
Pending Requests	List of all pending requests in registry (transfer,...)
Registrars	Registrars management
RGPs	List of domains in RGP
TLDs	TLD configuration
Transactions	Registrar accounting transactions
Transfers	Management of domain transfers between registrars
Users	Registrars users management
Logs	EPP/GUI logs

-  [Alpha TLDs](#)
-  [Contacts](#)
-  [Domains](#)
-  [External Contacts](#)
-  [Hosts](#)
-  [Message queue](#)
-  [Pending requests](#)
-  [Registrars](#)
-  [RGPs](#)
-  [TLDs](#)
-  [Transactions](#)
-  [Transfers](#)
-  [Users](#)
-  [Logs](#)
-  [#1](#)

Registry Manual – Alpha TLDs

Alpha TLDs is definition of TLD list which is used for domain name validation in TLD configuration and hosts object creation. Main goal is to check existing TLD in requested hostname for prevent a wrong NS delegation.

NOTICE: After clean installation of Regtons Registry the Alpha TLD List is filled by default valid TLD from root zone (valid for 06/2019)



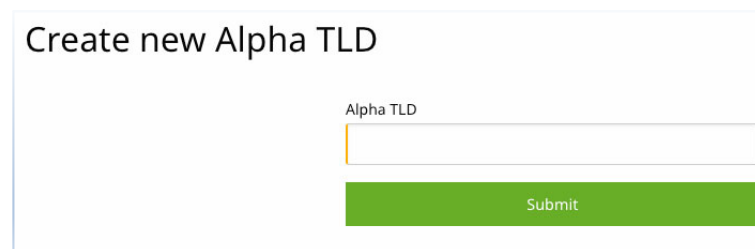
The screenshot shows the 'Alpha TLD list' page. The sidebar on the left contains links: Alpha TLDs, Contacts, Domains, External Contacts, Hosts, Message queue, Pending requests, Registrars, RGP's, TLDs, Transactions, Transfers, Users, and Logs. The top navigation bar includes Home, Administration, OT&E Test, Log out, CREDIT 0, and a language dropdown set to English. The main content area is titled 'Alpha TLD list' and features a '+ Create Alpha TLD' button. Below this is a 'Filter' section with a text input field and a 'Submit' button. Underneath the filter is a table of Alpha TLDs.

Alpha TLD
aaa
aarp
abarth
abb
abbott
abbvie
abc
able
abogado
abudhabi
ac

Create Alpha TLD:

- 1, click to Create Alpha TLD
- 2, in the simple form just fill out TLD to Alpha TLD field (for example: com)
- 3, confirm by Submit

Create new Alpha TLD



The screenshot shows the 'Create new Alpha TLD' form. It consists of a single text input field labeled 'Alpha TLD' and a green 'Submit' button.

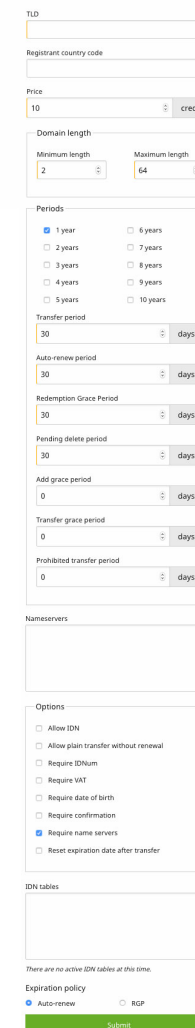
Registry Manual – Manage TLD

TLD/SLD for your registry can be created by clicking the button Create TLD under menu TLD.

The form has a lot of specific settings which are described bellow.

TLD	FQDN of your TLD (for ex. co.cz)
Registrant country code	Your TLD can be restricted only for registrar from specific country code (for ex. CZ)
Price	Price of domain name (1 year price). <i>NOTICE: There is no currency specification, we recommend to use price in penny (for ex. 10 USD can be set as 1000, 3.60 EUR as 360, etc.)</i>
Domain length	How many characters could be the maximum length of your domain name? (without TLD)
Periods	Definition for how many years can be the domain registered/renewed
- Transfer period	How many days the domain will wait in pendingTransfer after successfully transfer request
- Auto-renew period	How many days the domain will be still active after the expiration date, with the option of deletion with refund (in Autorenew expire policy)
- Redemption Grace Period	How many days is RGP after successfull domain delete command
- Pending delete period	How many days the domain will stay in pending delete period (unrestorable) after RGP
- Add grace period	How many days can be the domain deleted with refund after registration
- Transfer grace period	How many days can be the domain deleted with refund after successfull transfer
- Prohibited transfer period	How many days is not possible to request another transfer after successfull transfer
Nameservers	Nameservers generated in zonefile as NS records for TLD

Create new top-level domain



The screenshot shows a web form for creating a new top-level domain. It includes input fields for TLD, Registrant country code, and Price (with a 'credits' button). There are dropdown menus for Domain length (Minimum and Maximum). The 'Periods' section has radio buttons for 1 to 10 years. Below that are input fields for Transfer period, Auto-renew period, Redemption Grace Period, Pending delete period, Add grace period, Transfer grace period, and Prohibited transfer period, each with a 'days' unit. The 'Nameservers' section has a text area. The 'Options' section has checkboxes for Allow IDN, Allow plain transfer without renewal, Require IDNum, Require VAT, Require date of birth, Require confirmation, Require name servers (checked), and Reset expiration date after transfer. The 'IDN tables' section has a text area. At the bottom, there is an 'Expiration policy' section with radio buttons for Auto-renew (checked) and RGP, and a green 'Submit' button.

Registry Manual – Manage TLD

Options

- **Allow IDN**
- **Allow plain transfer without renewal**
- **Require IDNum**
- **Require VAT**
- **Require date of birth**
- **Require confirmation**
- **Require name servers**
- **Reset expiration date after transfer**

Allow Internationalized Domain Names under TLD

By RFC domain the transfer will renew domain name for 1 year. This option disable this settings and the domain will not be renewed after transfer (transfer is free)

TLD requires extension with IDNUM of registrant

TLD requires extension with VAT number of registrant

TLD requires extension with birth-date of registrant

TLD requires a manual confirmation of registry

TLD requires at least 2 nameservers

By RFC the domain transfer will renew the domain name for 1 year from the current expiration date. This setting change this rule for renew of the domain for 1 year from the date of successful transfer

IDN Tables

Definition of IDN tables for extended domain name validation. If IDN is allowed but no IDN tables set, any IDN domain will be valid (for e.g. mix of cyrillic, latin, arabic or other characters).

If the IDN tables are defined, registry will validate a domain name under these IDN tables. If ALL characters are under ONE IDN table, the domain is valid. Mixing characters from more IDN tables under one domain is not possible.

Create new top-level domain

TLD

Registrant country code

Price
10
credits

Domain length
Minimum length
2
Maximum length
64

Periods
☒ 1 year
☐ 2 years
☐ 3 years
☐ 4 years
☐ 5 years
☐ 6 years
☐ 7 years
☐ 8 years
☐ 9 years
☐ 10 years

Transfer period
30
days

Auto-renew period
30
days

Redemption Grace Period
30
days

Pending delete period
30
days

Add grace period
0
days

Transfer grace period
0
days

Prohibited transfer period
0
days

Nameservers

Options
☐ Allow IDN
☐ Allow plain transfer without renewal
☐ Require IDNum
☐ Require VAT
☐ Require date of birth
☐ Require confirmation
☒ Require name servers
☐ Reset expiration date after transfer

IDN tables

There are no active IDN tables at this time.

Expiration policy
☒ Auto-renew
☐ RGP

Submit

Registry Manual – Manage TLD

Expiration policy

Auto renew

With Autorenew Expiration Policy the domain will be automatically renewed for 1 year after expiration date and AGP (autorenew grace period) will start. During this period the domain is delegated in Zone, and the registrar can make decision about deletion of the domain name. If deletion is not provided, the domain will stay renewed after AGP. If the deletion is provided, the domain will go to RGP (Redemption Period).

RGP

With RGP Expiration Policy the domain will immediately go with the expiration to Redemption Period. During this period one can be restored, but its not delegated in the Zone.

NOTICE: In both cases after RGP the domain will be set to status PDP (Pending Delete Period), which is not providing the option of domain restoration. After the PDP domain is erased from the system , it becomes available for new registrations.

Create new top-level domain

TLD

Registrant country code

Price
10
credits

Domain length
Minimum length
Maximum length
2
64

Periods
☒ 1 year
☐ 6 years
☐ 2 years
☐ 7 years
☐ 3 years
☐ 8 years
☐ 4 years
☐ 9 years
☐ 5 years
☐ 10 years

Transfer period
30
days

Auto-renew period
30
days

Redemption Grace Period
30
days

Pending delete period
30
days

Add grace period
0
days

Transfer grace period
0
days

Prohibited transfer period
0
days

Nameservers

Options
☐ Allow IDN
☐ Allow plain transfer without renewal
☐ Require IDNum
☐ Require VAT
☐ Require date of birth
☐ Require confirmation
☒ Require name servers
☐ Reset expiration date after transfer

IDN tables

There are no active IDN tables at this time.

Expiration policy
☒ Auto-renew
☐ RGP

Submit

Registry Manual – Manage Registrars - Create

To create a registrar for your registry click on the button Create registrar under menu Registrars.

Required:

Name	Name of responsible person
Organization	Name of company/organization
Street	Street
City	City
Country	Country (2-letter ISO code: CZ, SK, ..)
State	State (if Country has not states, it can be copied from Country)
Telephone	Phone (must be in format e.164: +[CC].[AREA][NUMBER] = +420.123456789)
E-Mail	Contact email (email must be unique)
Abuse E-Mail	Abuse email (will be visible in Whois)
Credit	Initial Credit (must be integer)

Optional:

IANA Registrar ID	Registrar ID from IANA tables if Registrar is ICANN accredited registrar
Abuse Telephone	Abuse phone contact available in whois record
Fax	Fax number
Website	Registrar website available in whois record

Create new registrar

Name	<input type="text"/>
Organization	<input type="text"/>
IANA Registrar ID	<input type="text"/>
Street	<input type="text"/>
City	<input type="text"/>
Country	<input type="text"/>
State	<input type="text"/>
Telephone	<input type="text"/>
E-mail	<input type="text"/>
Abuse E-mail	<input type="text"/>
Abuse Telephone	<input type="text"/>
Fax	<input type="text"/>
Website	<input type="text"/>
Credit	<input type="text"/>
<input type="submit" value="Submit"/>	

Registry Manual – Manage Registrars - View

Registry can see the registrar details under View of registrar (their current credit and result of OT&E self-testing if is enabled)

Registrar details

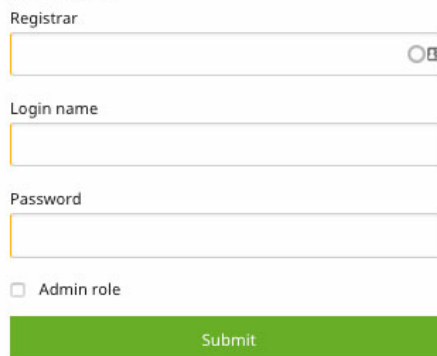
View Edit

Registrar ID:	6
Created:	1.8.19 10:32
Credit:	92
IANA Registrar ID:	
Address:	Registrar 1, Gransy 1, Street 1 Prague, CZ, CZ
E-mail address:	email@domain.name
Abuse e-mail address:	email@domain.name
Telephone:	+420.123456789
Fax:	
Website:	
Command Checks:	<ul style="list-style-type: none"> ✓ login ✓ logout ✓ contact:info ✓ contact:create ✓ contact:update ✓ contact:delete ✓ domain:info ✓ domain:create ✓ domain:update ✗ domain:delete ✗ domain:restore op=req ✗ domain:restore op=report ✓ domain:renew ✗ domain:transfer op=req ✓ domain:transfer op=approve ✗ domain:transfer op=cancel ✓ domain:transfer op=reject ✓ host:info ✓ host:create ✓ host:update ✓ host:delete

Registry Manual – Manage Users

Registry can create users which are allowed to log to GUI and EPP server under menu User.

Create new user



The form is titled "Create new user" and contains the following fields and controls:

- Registrar:** A text input field with a small circular icon containing the letters "E" and "B" on the right side.
- Login name:** A text input field.
- Password:** A text input field.
- Admin role:** A checkbox followed by the text "Admin role".
- Submit:** A green rectangular button with the text "Submit" centered on it.

- 1, Fill ID of our registrar. If you dont know ID, you can put first 3 characters of anything (name, org, address) and use fulltext
- 2, Fill the unique login name for registrar user
- 3, Fill the password
- 4, Submit the form

WARNING: Admin role changes the role of user account to admin account (REGISTRY). Any user account under any registrar with admin role has access to ALL objects under registry and full settings of TLDs, Registrars, etc.

Registry Manual – Manage Transactions

Transactions is used for credit manipulation for registrars. Via new transaction you can charge registrar or you can add some credit to them

Create new credit transaction

Registrar

Subject

Operation

Value

Note

Submit

- 1, Fill ID of our registrar. If you dont know ID, you can put first 3 characters of anything (name, org, address) and use fulltext
- 2, Fill the subject of transaction (ie: Add credit)
- 3, Fill the operation of transaction (ie: Add credit by bank transfer #123123213)
- 4, Fill the value. Positive value will ADD credit, negative value will DEDUCT credit.
- 5, Submit the form

Registry Manual – Logs

As a Registry you can see full logs from EPP/GUI. The Logs contain all information about access/command, time for proces and also detail (for EPP full request and full response)

Log history

Filter

Command

Subject

Registrar ID

Submit

Clear

Toggle filters

Date	Registrar	Command	Subject	Result	Message	Duration	Received	Sent	Session	cITRID	Actions
<div>16. 8. 2019 19:33:54</div>	<div>6</div>	<div>check:contact</div>	<div>contacthandle001</div>	<div>1000</div>	Command completed successfully	<div>568.11 μs</div>	<div>0.32 kB</div>	<div>0.5 kB</div>	<div>c3894675</div>	SUBREG20190816T173354Z860	<div>view</div>
<div>16. 8. 2019 19:33:54</div>	<div>11</div>	<div>login</div>	<div>gransy2</div>	<div>1000</div>	Command completed successfully	<div>746.95 μs</div>	<div>0.75 kB</div>	<div>0.29 kB</div>	<div>674a2f64</div>	SUBREG20190816T173354ZAA5	<div>view</div>
<div>16. 8. 2019 19:33:54</div>	<div>6</div>	<div>login</div>	<div>gransy1</div>	<div>1000</div>	Command completed successfully	<div>790.38 μs</div>	<div>0.75 kB</div>	<div>0.29 kB</div>	<div>c3894675</div>	SUBREG20190816T173354Z374	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>6</div>	<div>logout</div>	<div>6</div>	<div>1000</div>	Command completed successfully	<div>16.28 μs</div>	<div>0.18 kB</div>	<div>0.34 kB</div>	<div>5cb59dcd</div>	SUBREG20190816T173322ZA2B	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>11</div>	<div>logout</div>	<div>11</div>	<div>1000</div>	Command completed successfully	<div>20.57 μs</div>	<div>0.18 kB</div>	<div>0.34 kB</div>	<div>23a5877f</div>	SUBREG20190816T173322Z397	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>6</div>	<div>update:host</div>	<div>ns33.domainhandle.com</div>	<div>2303</div>	Object does not exist	<div>924.21 μs</div>	<div>0.47 kB</div>	<div>0.28 kB</div>	<div>5cb59dcd</div>	SUBREG20190816T173322Z16F	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>6</div>	<div>update:domain</div>	<div>domain124.su</div>	<div>2303</div>	Object does not exist	<div>1.02 ms</div>	<div>0.97 kB</div>	<div>0.28 kB</div>	<div>5cb59dcd</div>	SUBREG20190816T173322ZDA7	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>11</div>	<div>update:domain</div>	<div>domain123.su</div>	<div>2303</div>	Object does not exist	<div>984.19 μs</div>	<div>1.49 kB</div>	<div>0.28 kB</div>	<div>23a5877f</div>	SUBREG20190816T173322ZCD8	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>11</div>	<div>update:domain</div>	<div>domain123.su</div>	<div>2303</div>	Object does not exist	<div>1.02 ms</div>	<div>0.47 kB</div>	<div>0.28 kB</div>	<div>23a5877f</div>	SUBREG20190816T173322ZF31	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>11</div>	<div>delete:domain</div>	<div>domain123.su</div>	<div>2303</div>	Object does not exist	<div>900.63 μs</div>	<div>0.32 kB</div>	<div>0.28 kB</div>	<div>23a5877f</div>	SUBREG20190816T173322Z3DD	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>6</div>	<div>transfer</div>	<div>domain123.su</div>	<div>2303</div>	Object does not exist	<div>629.33 μs</div>	<div>0.47 kB</div>	<div>0.28 kB</div>	<div>5cb59dcd</div>	SUBREG20190816T173322Z81C	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>11</div>	<div>transfer</div>	<div>domain123.su</div>	<div>2303</div>	Object does not exist	<div>652.4 μs</div>	<div>0.47 kB</div>	<div>0.28 kB</div>	<div>23a5877f</div>	SUBREG20190816T173322ZBA6	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>11</div>	<div>transfer</div>	<div>domain123.su</div>	<div>2303</div>	Object does not exist	<div>680.69 μs</div>	<div>0.47 kB</div>	<div>0.28 kB</div>	<div>23a5877f</div>	SUBREG20190816T173322Z023	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>11</div>	<div>transfer</div>	<div>domain123.su</div>	<div>2303</div>	Object does not exist	<div>892.26 μs</div>	<div>0.47 kB</div>	<div>0.28 kB</div>	<div>23a5877f</div>	SUBREG20190816T173322Z388	<div>view</div>
<div>16. 8. 2019 19:33:22</div>	<div>6</div>	<div>transfer</div>	<div>domain123.su</div>	<div>2303</div>	Object does not exist	<div>768.83 μs</div>	<div>0.47 kB</div>	<div>0.28 kB</div>	<div>5cb59dcd</div>	SUBREG20190816T173322Z74D	<div>view</div>

Registry Manual – Object Management

Contacts, Hosts, Domains, RGPs and Transfers are described in Registrar GUI Manual.

There are only few differences described bellow:

Domain Blacklist

Domain blacklist is available for registries in Domain menu (button next to Create Domain). Domain blacklist is defining words what is blacklisted for domain registration

Sample:

Blacklisted words: *sex, porn*

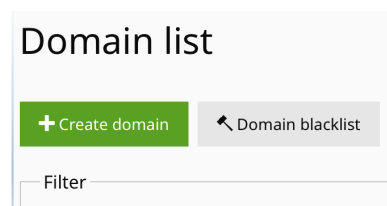
Domains:

sex.tld – not available

porn.tld – not available

pornstar.tld – available

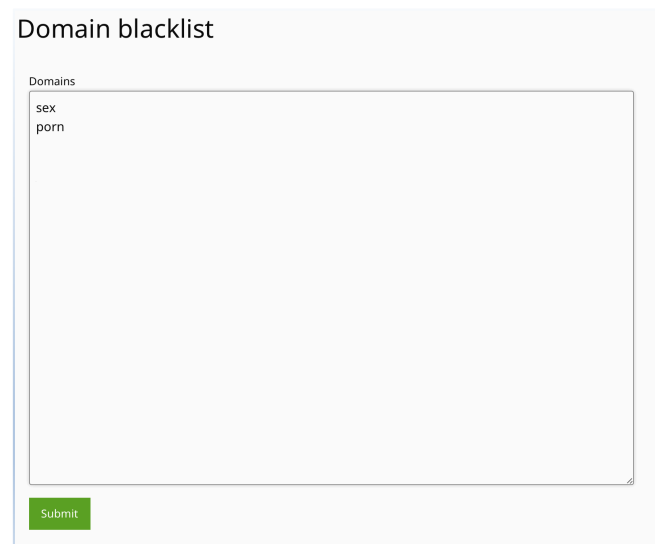
citysex.tld – available



Domain list

+ Create domain ↩ Domain blacklist

Filter



Domain blacklist

Domains

sex
porn

Submit

Registry Manual – Object Management

Domain Force Updates and Domain Blocks

Registry has an access under Domain detail to menu item „Edit Direct“. This page allow to change registrar or registrant directly on domain without any other interaction and set any server to *Prohibited statuses:

serverHold	Domain is not delegated in Zone
serverDeleteProhibited	Domain can not be deleted by delete command
serverRenewProhibited	Domain can not be renewed by renew command and domain also can not be renewed in Autorenew Expire Policy
serverUpdateProhibited	Any changes on domain are not allowed

All server*Prohibited statuses is possible set only via GUI by Registry (user with admin role). Registrar can't overwrite it.

Update domain details

[View](#) [Edit](#) [Edit direct](#) [Renew](#) [Delete](#)

Registrar[Submit](#)

Contact[Submit](#)

Domain statuses

☐ serverHold☐ serverDeleteProhibited☐ serverRenewProhibited☐ serverUpdateProhibited

[Submit](#)