# **Domain Name Lifecycle**

#### **Definitions**

In this document:

**ICANN** means the Internet Corporation for Assigned Names and Numbers, its successors and assigns.

Registrar means an entity that is authorised to offer domain name services in relation to the TLD.

Registry means the systems used to record, store and maintain details of domain names in the TLD.

**Service** means the services that we provide in relation to the TLD.

**TLD** means Top Level Domain and for the purpose of this policy the TLD shall be .physio

We, us and our means Phys Biz Pty Ltd ACN 146454748 or our designated representatives.

**You** and **your** means the person or entity accessing the Service.

#### About this document

This document describes our domain name lifecycle policy.

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# **Purpose**

The purpose of this policy is to describe the various states and operations that a domain name may have during its life. We have developed this 'lifecycle' of domain names with reference to applicable industry standards, and ICANN policy.

# The Domain Name Lifecycle

# **Registration periods**

The maximum validity period for domain names is 10 years. A domain name may be created in, or renewed in, one year increments up to the maximum validity period.

### Operations on a domain name

Throughout the lifecycle of a domain name, certain operations may be performed on the domain name. The outcome of those operations may differ depending on the state the domain name is in. Domain name states are described in the section 'States a domain name may be assigned within the Registry'.

The operations applicable to a domain name are as follows.

#### Create

A Create operation produces a domain name in the Registry. While technically this is not an operation on a domain name, it is included here for completeness.

#### **Update**

An Update operation modifies the domain authinfo (a unique code generated on a per domain name basis), associated contact objects and delegation information.

#### Renew

A Renew operation may be performed on a domain name by the sponsoring Registrar in order to extend its validity period.

#### **Transfer**

A Transfer operation moves a domain name from the sponsorship of one Registrar to another. Transfer operation options are:

- Transfer (request): The Registrar which will take sponsorship of the domain name (gaining Registrar), requests the Transfer.
- **Transfer (approve)**: The Registrar which will lose sponsorship of the domain name (losing Registrar), explicitly approves the Transfer request.
- Transfer (reject): The Registrar which will lose sponsorship of the domain name rejects the Transfer request.
- Transfer (cancel): The gaining Registrar cancels the Transfer request.

A Transfer (request) is automatically approved by the Registry after five days if a Transfer (approve) or Transfer (reject) operation is not received from the losing Registrar, and the Transfer (request) has not been cancelled by a gaining Registrar.

#### Delete

The sponsoring Registrar requests that the domain name be removed from the Registry Service by using the Delete operation.

For further information please refer to the section 'Transitions between states'.

### Restore

After a Delete operation a domain name may be reinstated using the Restore operation. Restore operations are:

- Restore (request): The sponsoring Registrar requests that a domain name be restored.
- **Restore (report)**: The sponsoring Registrar provides a report regarding a domain name for which it has previously issued a Restore request.

For further information refer to the section 'Transitions between states'.

## States a domain name may be assigned

The states that a domain name can exist in are:

- Registered
- Pending Create
- Pending Transfer
- Redemption
- Pending Restore

# • Pending Delete

The following section describes the states a domain name may be in.

Domain status	Means the status information that will be available to Registrars, and in some cases displayed in the WHOIS Service output.
In DNS?	Means the associated name server records (and glue records if any) are published in the DNS.

# Registered

State	Registered		
Domain status	ok, or varied status values noted by the absence of pendingTransfer or pendingDelete		
In DNS?	Yes		
Allowed operations	Update, Renew, Transfer (request) and Delete		
What it means for a domain name	The default state of a domain name. There are no pending operations and the domain has not been deleted.		
Length of time in this state	-		

# **Pending Create**

State Domain status In DNS?	Pending Create pendingCreate No		
Allowed operations	Delete		
What it means for a domain name	We have received a request from a Registrar to register a domain name matching an entry on the list of restricted labels for the TLD. Subsequent attempts to register the same domain name will not be queued whilst in this state. Approval of the request is at our discretion. This state is not used for applications for domain names made during the Sunrise and Claims Notice Periods as described in our policy.		
Length of time in this state	This state applies for a maximum of 5 calendar days.		

# **Pending Transfer**

State	Pending Transfer		
Domain status	pendingTransfer		
In DNS?	Yes		
Allowed operations	Transfer (cancel, reject, approve)		
What it means for a domain name	A Registrar has requested a Transfer of the domain name and it is not yet completed. All operations that would transform the domain name, other than those to cancel, reject, or approve the Transfer are rejected.		
Length of time in this state	This state applies for a maximum of 5 calendar days.		

# Redemption

State	Redemption		
Domain status	pendingDelete		
	redemptionPeriod		
In DNS?	No		
Allowed operations	Restore (request)		
What it means for a domain name	The sponsoring Registrar has requested that the domain name be		
	Deleted. The sponsoring Registrar may perform a Restore operation		
	to reinstate the domain name. The domain name continues to be		
	withheld from the DNS unless it is reinstated. All operations that		

	would transform the domain name, other than to Restore are rejected.
Length of time in this state	This state applies for 30 calendar days.

### **Pending Restore**

State	Pending Restore		
Domain status	pendingDelete		
	pendingRestore		
In DNS?	Yes		
Allowed operations	Restore (report)		
What it means for a domain name	A Restore request is pending. The sponsoring Registrar must submit a Restore report. The domain name is in the DNS. All operations that would transform the domain name, other than the Restore report are rejected.		
Length of time in this state	This state applies for a maximum of 5 calendar days.		

# **Pending Delete**

State Domain status In DNS? Allowed operations	Pending Delete pendingDelete No None		
What it means for a domain name	The Redemption Grace Period has lapsed and the domain name is pending being removed from the Registry Service. This state prohibits the sponsoring Registrar from the Update, Restore operations or modifying the domain name. At the end of this period the domain name is removed from the Registry Service and may become available for registration.		
Length of time in this state	This state applies for 5 calendar days.		

# **Grace periods**

There are five grace periods that are applicable to domain names:

- Add Grace Period
- Renew Grace Period
- Auto-Renew Grace Period
- Transfer Grace Period
- Redemption Grace Period

The following describes each of the domain name grace periods and how these may affect operations in relation to the domain name. The grace period states described in this section are additional to those described in the preceding section.

The following section describes the grace periods a domain name may be in.

Domain status	Means the status information that will be available to Registrars, and in some cases displayed in the WHOIS Service output.
Effect on operations	Means the effect that this grace period will have on various operations.

### **Add Grace Period**

Period	Add Grace Period	
Domain status	addPeriod	
Effect on operations	Subject to the following the Add Grace Period does not have any	

	impact on other	r operations.
	Delete	The sponsoring Registrar, who must have created the domain name, may Delete the domain name. The operation occurs with immediate effect and the domain name may become available for registration.
	Renew	The sponsoring Registrar may Renew the domain name. The total period for the domain name is the sum of the initial period specified when the domain name was created and any renewal term, subject to the 10 year maximum.
	Transfer	A Transfer may not occur during the Add Grace Period, or at any other time in the first 60 calendar days after the initial creation, or approved transfer of the domain name. The Registry Service will prevent such a transfer from occurring.
What it means for a domain name	Allows for no-cost cancellation of a domain name registration resulting from typographical or other errors by Registrars and registrants. Once cancelled the domain name may become immediately available for registration.	
Length of time in this period	This state applies for 5 calendar days after the domain name is Registered. Note the Add Grace Period does not apply to Pending Create.	

# **Renew Grace Period**

Period	Renew Grace Period	
Domain status	renewPeriod	
In DNS? Effect on operations	Yes Subject to the for impact on other Delete	The sponsoring Registrar, who must have initiated the Renew operation, may Delete the domain name. The extension to the registration period caused by the preceding renew is reversed and unless the domain name is also in the Add Grace Period, the domain name enters the Redemption state. If the domain name is also in the Add Grace
	Renew	Period it is removed from the Registry with immediate effect and may become available for registration.  The sponsoring Registrar, who must have initiated the Renew operation, can subsequently Renew the
		domain name, causing a second independent Renewal Grace Period to start. The total registration period for the domain name is extended by the renewal term, limited to the 10 year maximum.
	Transfer	An approved transfer ends the current Renew Grace Period without a refund and begins a Transfer Grace Period.
What it means for a domain name	Allows the sponsoring Registrar to undo the operation to Renew via the Delete operation.	
Length of time in this period	This state applies for 5 calendar days.	

### **Auto-Renew Grace Period**

Period	Auto-Renew Grace Period		
Domain status	autoRenewPeriod		
Effect on operations	-	Subject to the following, the Auto-Renew Grace Period does not have any impact on other operations.	
	Delete	The sponsoring Registrar, who must be the sponsoring Registrar when the Auto-Renew Grace Period commenced, may Delete the domain name. The registration period auto-renew extension is reversed and the domain name enters the Redemption state.	
	Renew	The sponsoring Registrar, who must be the sponsor when the auto-renew occurred, can Renew the domain name for another period causing an independent Renewal Grace Period to begin. The registration period is extended by the renewal term, limited to the 10 year maximum.	
	Transfer	An approved transfer ends the current Auto-Renew Grace Period, and begins a Transfer Grace Period. The registration period auto-renew extension is reversed and the registration is extended by the period specified in the transfer.	
What it means for a domain name	Auto-Renew Grace Period allows for domain names to remain in the DNS beyond the expiration of the registration period, to provide adequate time for the sponsoring Registrar to obtain the registrants intent to renew the domain name.		
Length of time in this period	This state applied name.	es for 45 calendar days after expiry of the domain	

# **Transfer Grace Period**

Period	Transfer Grace	Period
Domain status	transferPeriod	
Effect on operations	Subject to the fimpact on othe	ollowing the Transfer Grace Period does not have any roperations.
	Delete	The sponsoring Registrar, who must have initiated the Transfer, may Delete the domain name. The extension to the registration period of the preceding transfer is reversed and the Redemption state is entered.
	Renew	The sponsoring Registrar can Renew the domain name thus causing an independent Renewal Grace Period to begin. The registration period for the domain name is extended by the renewal term, limited to the 10 year maximum.
	Transfer	A further transfer may not occur during the 60 calendar day period after the approved transfer of a domain name. The Registry will prevent such a transfer from occurring. Should a special situation require transfer back to the losing Registrar, this is dealt with by taking into account the unique circumstances of the situation and will require our approval and manual intervention.
What it means for a domain name	Transfer Grace Period allows the sponsoring Registrar to undo the registration period extension (due to an approved transfer of a domain name), Deleting a domain name.	
Length of time in this period	This state applies for 5 calendar days after completion of the	

		Transfer.
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#### **Redemption Grace Period**

Period	Redemption Grace Period
Domain status	pendingDelete
	redemptionPeriod
Effect on operations	Restore (request)
What it means for a domain name	Redemption Grace Period refers to the period of time the domain name spends in the Redemption state, starting after a domain name is deleted. The Redemption state description provides information on operations that are allowed during this period.
Length of time in this period	This state applies for 30 calendar days.

#### Overlap of grace periods

Grace periods may overlap. The four possible overlapping grace periods are:

- Add Grace Period with one or more Renew Grace Periods.
- Renew Grace Period with one or more other Renew Grace Periods.
- Auto-Renew Grace Period with one or more Renew Grace Periods.
- Transfer Grace Period with one or more Renew Grace Periods.

These are treated independently with respect to timelines however operations on domain names are processed in a manner that takes into account the combined effects of all grace periods.

# **Transitions between states**

Transitions between the various states of domain names are triggered in the Registry Service as follows.

### Available > Registered

Transition from 'Available' (for registration) to Registered is triggered by the receipt of a request from a Registrar to Create the domain name that does not match an entry on the restricted list. This transition begins the Add Grace Period.

# **Available > Pending Create**

Transition from 'Available' (for registration) to Pending Create is triggered by the receipt of a request from a Registrar to Create the domain name where that domain name matches an entry on the list of restricted labels. This transition does not begin the Add Grace Period.

## **Pending Create > Registered**

Transition from Pending Create to Registered occurs on our approval of the registration request. This transition begins the Add Grace Period.

### **Pending Create > Deleted**

Transition from Pending Create to Deleted occurs if the request to register the domain name is not approved by us. The domain name is removed from the Registry Service and may become available for registration.

#### **Registered > Pending Transfer**

Transition from Registered to Pending Transfer is triggered by the receipt of a request to Transfer the domain name. On approval the transfer results in the extension of the domain name registration.

Requests to Transfer the domain name within 60 days of creation or a previous Transfer are rejected. As described in the preceding section in relation to the Transfer Grace Period, exceptions may apply and are dealt with on a case by case basis.

#### Pending Transfer > Registered

Transition from Pending Transfer to Registered may be triggered by the following operations:

Cancel	During the Pending Transfer period the gaining Registrar may cancel the Transfer by requesting the Transfer to be cancelled. The registration period remains unchanged and all existing grace periods at the time of transfer request remain in effect.
Reject	During the Pending Transfer period the losing Registrar may reject the Transfer. The registration period remains unchanged and all grace periods existing at the time of Transfer request remain in effect.
Approve	During the Pending Transfer period the losing Registrar may approve the Transfer. If the Transfer was requested during the Auto-Renew Grace Period, the extension to the registration period is reversed. The registration period is extended by the amount specified in the Transfer request. This begins the Transfer Grace Period.
Auto- Approve	If after 5 days, no action has been taken, the Registry Service approves the Transfer automatically. If the Transfer was requested during the Auto-Renew Grace Period the extension to the registration period is reversed. The registration period is extended by the amount specified in the Transfer request. This begins the Transfer Grace Period.

#### Registered > Deleted

Transition from Registered to Deleted occurs on receipt of a request to Delete a domain name. If the domain name is in the Add Grace Period, it is removed from the Registry Service and may become available for registration.

### **Registered > Redemption**

Transition from Registered to Redemption occurs on receipt of a request to Delete a domain name. If the domain name is not in the Add Grace Period, it transitions to the Redemption period state and all grace periods in effect are considered.

## **Redemption > Pending Restore**

Transition from Redemption to Pending Restore occurs on receipt of a request to Restore a domain name. If the Redemption Period has not lapsed, the domain name transitions to the Pending Restore state. The domain name is provisioned in the DNS.

#### **Pending Restore > Registered**

Transition from Pending Restore to Registered during the Pending Restore period occurs when the sponsoring Registrar completes the Restore via a Restore (report) containing the registration data as at the time of deletion, the registration data at the time of the report, and the reason for the Restore to occur.

### **Pending Restore > Redemption**

Transition from Pending Restore to Redemption occurs automatically 7 calendar days after the transition to the Pending Restore state. If a Restore (report) is not received the domain name transitions to the Redemption state, which begins a new Redemption period. The domain name is removed from the DNS.

#### Redemption > Pending Delete

Transition from Redemption to Pending Delete occurs automatically 30 calendar days after the transition to the Redemption state. If a Restore (request) is not received the domain name transitions to the Pending Delete state.

#### Pending Delete > Deleted

Transition from Pending Delete to Deleted occurs automatically 5 calendar days after the transition to the Pending Delete state. The domain name is removed from the Registry Service and may become available for registration.

# Locks on domain names

Locks may be applied to the domain name to prevent specific operations occurring. There are two types of locks that may be applied 'client' locks and 'server' locks. Client and server locks may be applied independently or simultaneously.

Locks prefixed with 'client' are set or removed by the sponsoring Registrar; and we may set or remove locks prefixed with 'server'. Locks are added and removed independently however they can be combined to facilitate the enforcement of other processes, and outcomes such as those required as part of Uniform Domain Name Dispute Resolution Policy (UDRP).

The available locks are as follows.

#### **Delete Prohibited**

Domain status	clientDeleteProhibited	
	serverDeleteProhibited	
In DNS?	Yes	
Allowed operations	Update, Renew, and Transfer (request)	
What it means for a domain name	Requests to delete the domain name are rejected.	

#### Hold

Domain status	clientHold	
	serverHold	
In DNS?	No	
Allowed operations	Update, Renew, Transfer (request) and Delete	
What it means for a domain name	DNS information is not published for the domain name.	

### **Renew Prohibited**

Domain status	clientRenewProhibited	
	serverRenewProhibited	
In DNS?	Yes	
Allowed operations	Update, Transfer (request) and Delete	
What it means for a domain name	Requests to Renew the domain name are rejected. Auto-Renew is allowed.	

#### **Transfer Prohibited**

Domain status	clientTransferProhibited	
	serverTransferProhibited	
In DNS?	Yes	
Allowed operations	Update, Renew, and Delete	
What it means for a domain name	Requests to Transfer the domain name are rejected	

#### **Update Prohibited**

Domain status	clientUpdateProhibited	
	serverUpdateProhibited	
In DNS?	Yes	
Allowed operations	Renew, Transfer (request), Delete and Update	
What it means for a domain name	Requests to Update the domain name are rejected, unless the Update removes this state.	

# Notes on the Update command and delegation to the DNS

The Update command does not impact the state of the domain name through its lifecycle; however the command may be used to add and remove delegation information, which changes the DNS state of the domain name.

A domain name is required to have two (2) or more name servers published in the DNS. An update that results in a domain name having less than two name servers removes the domain name from the DNS. Note however that there are some conditions and events result in exceptions to this rule and allow a domain name to be published in the DNS with one name server..

The following status information will appears in the WHOIS Service for a domain name that is not provisioned to the DNS:

- 1. **inactive**: The domain name has no name server information.
- 2. **clientHold**: The Registrar has withheld the domain name from publication to the DNS.
- 3. **serverHold**: We have withheld the domain name from publication in the DNS, either due to having an insufficient number of name servers, or as a result of another process or requirement.

# **Special considerations**

#### **ICANN** approved bulk transfers

ICANN approved bulk transfers of domain names from one Registrar to another do not follow the typical transfer lifecycle. ICANN's Consensus Policy in relation to Transfer of registrations between Registrars can be found at the following link http://www.icann.org/en/general/consensus-policies.htm.

When bulk transfers are initiated existing grace periods are invalidated and no refunds are credited to the losing Registrar. The prohibition of a transfer period on domain names created or transferred within 60 calendar days does not apply after, and does not begin the Transfer Grace Period.

# **Uniform Rapid Suspension**

ICANN has implemented a Uniform Rapid Suspension system; information about ICANN's Implementation of Uniform Rapid Suspension system can be found at the following link

http://newgtlds.icann.org/en/applicants/urs. We adhere to the URS system; our compliance statement can be found at the following link <a href="https://www.nic.physio">www.nic.physio</a>.

### **Definition and review**

This document has been prepared and published to represent our policy regarding the administrative and technical management of the TLD.

We may discontinue or amend any part or the whole of this policy from time to time at our absolute discretion.