

INSTRACORPORATION API

PhNUM Operations

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1. Introduction

The Instra API was developed to offer our users an easy way to connect to our system.

This manual describes commands for:

- PhNUM API commands.

The manual categorize the commands into the following order:

- PhNUM management commands
- Contact management commands

If there is any error or missing syntax in the command, please do not hesitate to contact us.

2. Commands

2.1 PhNUM Management commands

The following commands are used to check, create, manage and delete PhNUM objects.

2.1.1 CreateNumbers2

Description

CreateNumbers2 is a command that allows you to create/register/instantiate new PhNUMs.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: CreateNumbers2	TEXT
countryN	Required	Name of the country	TEXT
cityN	Required	Name of the location from the country such as Australia -> Melbourne, Sydney, Adelaide, Darwin, Perth, Canberra	TEXT
citycodeN	Required	The area code of the city for Melbourne is 39	TEXT
periodN	Required	Registration period: min. 1 month and max. 24 months	TEXT
registrantcontact	Required	The contact handle ID of Owner/Registrant Contact	CONTACT
admincontact	Required	The contact handle ID of Admin Contact	CONTACT
techcontact	Required	The contact handle ID of Tech Contact	CONTACT
billingcontact	Required	The contact handle ID of Billing Contact	CONTACT
group	Required	The name of the number group to assign the number to.	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
NUMBER	The number country and city requested
NUMBERHANDLEID	The unique id of the number
NUMBEREXPIRYDATE	The registration expiration date
NUMBERREQSTATUS	The operation status of a number

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

NUMBER = +AU.Melbourne
NUMBERHANDLEID = INS-P-4876
NUMBEREXPIRYDATE = yyyy-mm-dd
NUMBERREQSTATUS = PENDING

2.1.2 InfoNumber

Description

InfoNumber is a command that allows you to retrieve details of a PhNUM.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
User	Required	Login ID of the user account	TEXT
Pw	Required	Account password	TEXT
Command	Required	Name of command to be executed: InfoNumber	TEXT
Number	Required	The number of the phone which includes +[countrycode].[areacode][number] E.g. +61.391110232	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
NUMBER	The name of the PhNUM
NUMBERID	The id of the number
NUMBERBALANCE	The credit balance of the number
NUMBERCOUNTRY	The country name of the number
NUMBERCOUNTRYCODE	The country code of the number
NUMBERCITY	The city name of the number
NUMBERPIN	The pin of the number
NUMBERGROUP	The name of the number group
CREATEDDATE	The creation date of the PhNUM
UPDATEDDATE	Last updated date of the PhNUM
EXPIRYDATE	The registration expiry date
NUMBERSTATUS	The operation status of a PhNUM
NUMBERHOST	The DNS type of a PhNUM such as FREE_PARKING, DELEGATED or REDIRECTION
REGISTRANTCONTACT	The Registrant contact
ADMINCONTACT	The Admin contact
TECHCONTACT	The Technical contact
BILLINGCONTACT	The Billing contact
NAMESERVERN	The nameserver hostname and N is the number from 1 up to 10
IPADDRESSN	The ip address of the nameserver

NUMBERREDIRECTIONN	The list of number where is redirected to
REDIRECTEDLOCATIONN	The list of location name where the number is redirected to
NUMBEREMAIL	The email address which the voice mail will be sent to
NUMBERFAXEMAIL	The email address which the fax request will be sent to
NUMBERFAX	The status to show if the fax is enabled or disabled
NUMBERTIMEOUT	The default timeout in seconds before the call is hung up

2.1.3 UpdateNumber

Description

UpdateNumber is a command that allows you to update certain configurable options of a PhNUM - chiefly the fax to email settings and the call timeout.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: UpdateNumber	TEXT
number	Required	The PhNUM phone number	TEXT
email	Optional	The email address which will receive the voice message. E.g. PhNUM@instra.com	TEXT
faxemail	Optional	The email address which the fax request will be sent to. E.g. PhNUM@instra.com	TEXT
fax	Optional	To enable fax feature on the number with value = 1 means enabled and value = 0 means disabled	TEXT
pin	Optional	The pin number for the phone number	TEXT
timeout	Optional	The seconds before the call times out. E.g 30	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

2.1.4 CreateNumberGroup

Description

CreateNumberGroup is a command that allows you to create a number group to assign numbers to. A number group must be created for a user account before that user can register/create any numbers.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: CreateNumberGroup	TEXT
group	Required	The name you want to give the number group	TEXT
registrantcontact	Required	The contact handle ID of Owner/Registrant Contact	TEXT
admincontact	Required	The contact handle ID of Admin Contact	TEXT
techcontact	Required	The contact handle ID of Tech Contact	TEXT
billingcontact	Required	The contact handle ID of Billing Contact	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
NUMBERGROUP	The number group name created

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

2.1.5 InfoNumberGroup

Description

InfoNumberGroup is a command that allows you to retrieve the details of a particular number group.

Input Parameters

Submit the request using the following syntax:

```
BASE_URL?user=reseller.com&pw=secret&command=commandName&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: InfoNumberGroup	TEXT
group	Required	The name of number group	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
GROUP	The name of the PhNUM
GROUPBALANCE	The credit balance of the number
BALANCETRESHOLD	The credit limit in a group
REGISTRANTCONTACT	The Registrant contact
ADMINCONTACT	The Admin contact
TECHCONTACT	The Technical contact
BILLINGCONTACT	The Billing contact

2.1.6 UpdateNumberGroup

Description

UpdateNumberGroup is a command that allows you to rename a number group.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: UpdateNumberGroup	TEXT
oldgroup	Required	The number group name which the number need to be assigned to after created	TEXT
newgroup	Required	The contact handle ID of Owner/Registrant Contact	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

2.1.7 AssignNumberToGroup

Description

AssignNumberToGroup is a command that allows you to assign numbers to a number group.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: AssignNumberToGroup	TEXT
Number	Required	The active PhNUM number	TEXT
Group	Required	The name of the number group to assign the number to	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

2.1.8 RechargeNumberGroup

Description

RechargeNumberGroup is a command that allows you to add call credit to a number group.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
User	Required	Login ID of the user account	TEXT
Pw	Required	Account password	TEXT
command	Required	Name of command to be executed: RechargeNumberGroup	TEXT
group	Required	The number group name which the number need to be assigned to after created	TEXT
credit	Required	The amount of money to be reloaded to your number. Amount input can be 5, 25, 50 or 100. E.g. 5 for \$5, 25 for \$25, 50 for \$50 and 100 for \$100	DECIMAL

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

2.1.9 RedirectNumber

Description

RedirectNumber is a command that allows you to setup standard redirections on a PhNUM. Note that when this command is used all standard redirections currently setup on a number will be replaced with the redirections passed in the parameters.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
User	Required	Login ID of the user account	TEXT
Pw	Required	Account password	TEXT
command	Required	Name of command to be executed: RedirectNumber	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT
destinationN	Required	The redirection destination that is depends on the type given above. E.g. landline -> +44.2070991740, mobile -> +61.422781105, sip -> reseller@sip.reseller.com	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.10 CreateNumberRedirect

Description

CreateNumberRedirect is a command that allows you to setup a new standard redirection for a PhNUM. Existing standard redirections for the PhNUM will remain in place when using this command and will retain their priorities over the new redirection (i.e. new redirection will be created with the lowest priority).

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: CreateNumberRedirect	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT
destination	Required	The redirection destination that is depends on the type given above. E.g. landline -> +44.2070991740, mobile -> +61.422781105, sip -> reseller@sip.reseller.com	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.11 UpdateNumberRedirect

Description

UpdateNumberRedirect is a command that allows you to change a standard redirection to point somewhere else.

Input Parameters

Submit the request using the following syntax:

```
BASE_URL?user=reseller.com&pw=secret&command=commandName&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: UpdateNumberRedirect	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT
redirection	Required	The redirection destination that is depends on the type given above. E.g. landline -> +44.2070991740, mobile -> +61.422781105, sip -> reseller@sip.reseller.com	TEXT
redirectionid	Required	The redirection record id	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.12 DeleteNumberRedirect

Description

DeleteNumberRedirect is a command that allows you to delete a standard redirection.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: DeleteNumberRedirect	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT
redirectionid	Required	The redirection record id	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.13 QueryNumberRedirect

Description

QueryNumberRedirect is a command that allows you to retrieve all the current standard redirections set for a PhNUM.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: QueryNumberRedirect	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
REDIRECTIONID	The redirection record id
REDIRECTIONNUMBER	The number which get redirected
REDIRECTIONDESTINATION	The destination where the number gets redirected to

2.1.14 MoveUpNumberRedirect

Description

MoveUpNumberRedirect is a command that allows you to move up the priority of a set standard redirection. This command will move up the specified redirection one place above another existing standard redirection that is directly above it. For example, imagine if we had these three redirections setup in this order and priority.

1. 11111111
2. 22222222
3. **33333333**

If we ran this command on '33333333' then the priorities would change to the following:

1. 11111111
2. **33333333**
3. 22222222

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: MoveUpNumberRedirect	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT
redirectionid	Required	The redirection record id	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.15 MoveDownNumberRedirect

Description

MoveDownNumberRedirect is a command that allows you to move down the priority of a set standard redirection. This command will move down the specified redirection one place below another existing standard redirection that is directly below it. For example, imagine if we had these three redirections setup in this order and priority.

1. 11111111
2. **22222222**
3. 33333333

If we ran this command on '22222222' then the priorities would change to the following:

1. 11111111
2. 33333333
3. **22222222**

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: MoveDownNumberRedirect	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT
redirectionid	Required	The redirection record id	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.16 AdvancedRedirectNumber

Description

AdvancedRedirectNumber is a command that allows you to setup advanced redirections for a PhNUM. With this command you must specify all advanced redirections you want in the same command as any existing advanced redirections that were setup previously will be overwritten/deleted. You can run this command without passing any redirection parameters to delete all existing advanced redirections set on the PhNUM.

If you wish to add an advanced redirection without overwriting any existing advanced redirections please refer to the CreateAdvancedRedirectNumber command.

The order you set the redirections in the command will determine their priority (i.e. the first redirection specified will have the highest priority).

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: AdvancedRedirectNumber	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT
destinationN	Optional	The redirection destination that is depends on the type given above. E.g. landline -> +44.2070991740, mobile -> +61.422781105, sip -> reseller@sip.reseller.com. Otherwise to block the redirection enter value to "HUNGUP"	TEXT
starttimeN	Optional	Redirection start time, e.g. 9:00. Time is in HH:mm format (24 hours)	TEXT
endtimeN	Optional	Redirection end time, e.g. 17:00. Time is in HH:mm format (24 hours)	TEXT
startweekdayN	Optional	This is to determine when is the start day of redirection. E.g. if value set to 1 = MON, 2 = TUE, 3 = WED, 4 = THU, 5 = FRI, 6 = SAT, 7 = SUN	TEXT
endweekdayN	Optional	This is to determine when is the end day of redirection. E.g. if value set to 1 = MON, 2 = TUE, 3 = WED, 4 = THU, 5 = FRI, 6 = SAT, 7 = SUN	TEXT

timezoneN	Optional	This value is based on the customer timzone, e.g. GMT+10, value is "+10" or GMT-3, value is "-3"	TEXT
caller	Optional	This value is specified only if you wish to block certain number as inbound call to your PhNUM. E.g. +61422208805.	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.17 CreateAdvancedRedirectNumber

Description

CreateAdvancedRedirectNumber is a command that allows you to add a new advanced redirection for a PhNUM. The new redirection will get added to the list of any existing advanced redirections already set for the PhNUM and be set with the lowest priority.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: CreateAdvancedRedirectNumber	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT
destination	Required	The redirection destination that is depends on the type given above. E.g. landline -> +44.2070991740, mobile -> +61.422781105, sip -> reseller@sip.reseller.com. Otherwise to block the redirection enter value to "HUNGUP"	TEXT
starttime	Required	Redirection start time, e.g. 9:00. Time is in HH:mm format (24 hours)	TEXT
endtime	Required	Redirection end time, e.g. 17:00. Time is in HH:mm format (24 hours)	TEXT
startweekday	Required	This is to determine when is the start day of redirection. E.g. if value set to 1 = MON, 2 = TUE, 3 = WED, 4 = THU, 5 = FRI, 6 = SAT, 7 = SUN	TEXT
endweekday	Required	This is to determine when is the end day of redirection. E.g. if value set to 1 = MON, 2 = TUE, 3 = WED, 4 = THU, 5 = FRI, 6 = SAT, 7 = SUN	TEXT
timezone	Required	This value is based on the customer timzone, e.g. GMT+10, value is "+10" or GMT-3, value is "-3"	TEXT
caller	Optional	This value is specified only if you wish to block certain number as inbound call to your PhNUM. E.g. +61422208805.	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.18 UpdateAdvancedRedirectNumber

Description

The UpdateAdvancedRedirectNumber command allows you to make an update to an existing advanced redirection.

Input Parameters

Submit the request using the following syntax:

```
BASE_URL?user=reseller.com&pw=secret&command=commandName&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: UpdateAdvancedRedirectNumber	TEXT
redirectionid	Required	The redirection record id	TEXT
destination	Required	The redirection destination that is depends on the type given above. E.g. landline -> +44.2070991740, mobile -> +61.422781105, sip -> reseller@sip.reseller.com. Otherwise to block the redirection enter value to "HUNGUP"	TEXT
starttime	Required	Redirection start time, e.g. 9:00. Time is in HH:mm format (24 hours)	TEXT
endtime	Required	Redirection end time, e.g. 17:00. Time is in HH:mm format (24 hours)	TEXT
startweekday	Required	This is to determine when is the start day of redirection. E.g. if value set to 1 = MON, 2 = TUE, 3 = WED, 4 = THU, 5 = FRI, 6 = SAT, 7 = SUN	TEXT
endweekday	Required	This is to determine when is the end day of redirection. E.g. if value set to 1 = MON, 2 = TUE, 3 = WED, 4 = THU, 5 = FRI, 6 = SAT, 7 = SUN	TEXT
timezone	Required	This value is based on the customer timzone, e.g. GMT+10, value is "+10" or GMT-3, value is "-3"	TEXT
caller	Optional	This value is specified only if you wish to block certain number as inbound call to your PhNUM. E.g. +61422208805.	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.19 QueryAdvancedNumberRedirection

Description

QueryAdvancedNumberRedirection is a command that allows you retrieve the details of all advanced redirections that have been set for a PhNUM.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: QueryAdvancedNumberRedirection	TEXT
number	Required	The phone number which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
NUMBER	
REDIRECTIONIDN	
DESTINATIONN	
STARTTIMEN	
ENDTIMEN	
STARTWEEKDAYN	
ENDWEEKDAYN	
TMEZONEN	
CALLERN	

2.1.20 DeleteAdvancedNumberRedirection

Description

DeleteAdvancedNumberRedirection is a command that allows you to delete an advanced redirection.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: DeleteAdvancedNumberRedirection	TEXT
redirectionid	Required	The redirection record id	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.21 MoveUpAdvancedNumberRedirect

Description

MoveUpAdvancedNumberRedirect is a command that allows you to move up the priority of a set advanced redirection. This command will move up the specified redirection one place above another existing advanced redirection that is directly above it. For example, imagine if we had these three redirections setup in this order and priority.

4. Banana
5. Pineapple
6. **Pear**

If we ran this command on 'Pear' then the priorities would change to the following:

4. Banana
5. **Pear**
6. Pineapple

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: MoveUpAdvancedNumberRedirect	TEXT
Redirectionid	Required	The redirection record id	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.22 MoveDownAdvancedNumberRedirect

Description

MoveDownAdvancedNumberRedirect is a command that allows you to move down the priority of a set advanced redirection. This command will move down the specified redirection one place below another existing advanced redirection that is directly below it. For example, imagine if we had these three redirections setup in this order and priority.

- 7. Banana
- 8. **Pineapple**
- 9. Pear

If we ran this command on 'Pineapple' then the priorities would change to the following:

- 7. Banana
- 8. Pear
- 9. **Pineapple**

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: MoveDownAdvancedNumberRedirect	TEXT
Redirectionid	Required	The redirection record id	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

2.1.23 QueryNumberList

Description

QueryNumberList is a command that allows you to search through all numbers in an account.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: QueryNumberList	TEXT
number	Optional	The number of the phone which includes +[countrycode].[arecode]number. E.g. +61.391110232	TEXT
Country	Optional	Search by: country with value country code	TEXT
City	Optional	Search by: city name	TEXT
registrantcontact	Optional	Search by: Registrant Contact	TEXT
admincontact	Optional	Search by: Admin Contact	TEXT
techcontact	Optional	Search by: Tech Contact	TEXT
billingcontact	Optional	Search by: Billing Contact	TEXT
mincreateddate	Optional	Search by: min. created date with format (yyyy-mm-dd)	DATETIME
maxcreateddate	Optional	Search by: max. created date with format (yyyy-mm-dd)	DATETIME
minupdateddate	Optional	Search by: min. updated date with format (yyyy-mm-dd)	DATETIME
maxupdateddate	Optional	Search by: max. updated date with format (yyyy-mm-dd)	DATETIME
minexpirydate	Optional	Search by: min. expiry date with format (yyyy-mm-dd)	DATETIME
maxexpirydate	Optional	Search by: max. expiry date with format (yyyy-mm-dd)	DATETIME
status	Optional	Search by: number status	TEXT
orderby	Optional	Sort by: ""	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
NUMBERN	The number of the number
NUMBERN_ID	The id of the number
NUMBERN_BALANCE	The credit balance of the number
NUMBERN_COUNTRY	The country name of the number
NUMBERN_COUNTRYCODE	The country code of the number
NUMBERN_CITY	The city name of the number
NUMBERN_REGISTRANT	The owner of the number
NUMBERN_CREATEDDATE	The created date for the number
NUMBERN_UPDATEDDATE	The last updated date for the number
NUMBERN_EXPIRYDATE	The expiry date for the number
NUMBERN_STATUS	The status of the number
TOTAL	The total number of the number in the list

2.1.24 RenewNumbers

Description

RenewNumber is a command that allows you to renew a PhNUM.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: RenewNumbers	TEXT
numberN	Required	The number of the phone which includes +[countrycode].[areacode][number]. E.g. +61.391110232	TEXT
periodN	Required	Renewal period in month(s), min. month = 3	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
NUMBER	The number of the PhNUM submitted
NUMBEREXPIRYDATE	The registration expiration date

2.1.25 QueryNumberCDR

Description

QueryNumberCDR is a command that allows you to search through the Call Detail Records (CDR) of an account.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=reseller.com&pw=secret&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: QueryNumberCDR	TEXT
number	Optional	The number of the phone which includes +[countrycode].[areacode]number. E.g. +61.391110232	TEXT
mincreateddate	Optional	Search by: min. created date with format (yyyy-mm-dd)	DATETIME
maxcreateddate	Optional	Search by: max. created date with format (yyyy-mm-dd)	DATETIME

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
CALL_TIME	The date and time when the call is made
CALL_SOURCE	The source number
CALL_DESTINATION	The destination number
CALL_CURRENCY_TYPE	The type of currency of the charges
CALL_STATUS	The status of the call e.g. answered, missed
CALL_SECONDS	The number of seconds call is made
CALL_CHARGE	The call charge depends on the time call is made
TOTAL_CALLS	The total number of call records

2.2 Contact Management commands

The following commands are used to check, create, manage and delete contact objects.

2.2.1 CreateContact

Description

CreateContact is a command that allows you to create a new contact.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=username&pw=password&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Description	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: CreateContact	TEXT
title	Optional	Title	TEXT
firstname	Required	First name	TEXT
lastname	Required	Last name	TEXT
org	Optional	Organization	TEXT
street	Required	Street name including street number	TEXT
city	Required	City	TEXT
state	Required	State / Province	TEXT
zip	Required	ZIP / Postal Code	TEXT
country	Required	2-letter ISO 3166 Country code	TEXT
phone	Required	Phone number, international syntax	TEXT
fax	Optional	Fax number, international syntax	TEXT
email	Required	Email address	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
CONTACTHANDLEID	The unique id of contact handle ID

Example

1. The following request is to create contact for John Smith, which returns the contact handle ID:

```
BASE_URL?user=reseller.com&pw=resellerapi123&command=CreateContact&title=Mr&firstname=John&lastname=Smith&street=38 Franklin St  
&city=Melbourne&state=VIC&zip=3000&country=AU&phone=+61.397483531&email=john.smith@reseller.com
```

The response is as follows:

[RESPONSE

```
code = 200  
description = Command completed successfully  
CONTACTHANDLEID = INS-C-72
```

EOF

2. The following request is to create contact for Paul Lawrence, which returns the contact handle ID:

```
BASE_URL?user=reseller.com&pw=resellerapi123&command=CreateContact&title=Mr&firstname=Paul&lastname=Lawrence&street=11 Black  
St&city=Chelsea&state=VIC&zip=3196&country=AU&phone=+61.3925534321&email=paul.lawrence@reseller.com
```

The response is as follows:

[RESPONSE

```
code = 200  
description = Command completed successfully  
CONTACTHANDLEID = INS-C-74
```

EOF

2.2.2 UpdateContact

Description

UpdateContact is a command that allows you to modify an existing contact.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=username&pw=password&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Description	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: UpdateContact	TEXT
contactHandleID	Required	The contact handle ID that will be modified	INTEGER
title	Optional	Title	TEXT
firstname	Optional	First name	TEXT
lastname	Optional	Last name	TEXT
org	Optional	Organization	TEXT
street	Optional	Street name including street number	TEXT
city	Optional	City	TEXT
state	Optional	State / Province	TEXT
zip	Optional	ZIP / Postal Code	TEXT
country	Optional	2-letter ISO 3166 Country code	TEXT
phone	Optional	Phone number, international syntax	TEXT
fax	Optional	Fax number, international syntax	TEXT
email	Optional	Email address	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

Note: Using the UpdateContact function to update a contact's firstname, lastname, company or email is prohibited if the contact is a registrant contact and currently associated with one or more domain names.

Example

The following request is to update the detail of an existing contact for John Smith using the contact handle ID:

```
BASE_URL?user=reseller.com&pw=resellerapi123&command=UpdateContact&contactID=INS-C-72&firstname=John&lastname=Smith&street=38 Lonsdale St&city=Melbourne&state=VIC&zip=3000&country=AU&phone=+61.397721125&email=john.smith@reseller.com
```

The response is as follows:

[RESPONSE

code = 200

description = Command completed successfully

CONTACTHANDLEID = INS-C-72

EOF

2.2.3 DeleteContact

Description

DeleteContact is a command that allows you to delete a contact.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=username&pw=password&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Description	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: DeleteContact	TEXT
contactHandleID	Required	Handle ID of the contact	INTEGER

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
No properties returned	

Note: *DeleteContact function to delete a contact is prohibited where the contact is currently associated with any number.

Example

The following request is to delete an existing contact based on the contact handle ID given:

BASE_URL?user=reseller.com&pw=resellerapi123&command=DeleteContact&contactid=INS-C-73

The response is as follows:

[RESPONSE

code = 200

description = Command completed successfully

EOF

2.2.4 InfoContact

Description

InfoContact is a command that allows you to retrieve details of an existing contact.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=username&pw=password&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Description	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: InfoContact	TEXT
contactHandleID	Optional	Handle ID of the contact	INTEGER

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
CONTACTHANDLEID	The handle ID for the contact
FIRSTNAME	The first name of the contact
LASTNAME	The last name of the contact
COMPANY	The company detail of the contact
ADDRESS	The address detail of the contact
CITY	The city of the contact
STATE	The state of the contact
POSTCODE	The postcode of the contact
COUNTRY	The country of the contact
PHONE	The phone number of the contact
FAX	The fax number of the contact
EMAIL	The email information of the contact

Example

The following request is to get the information of a contact:

BASE_URL?user=reseller.com&pw=resellerapi123&command=InfoContact&contactid=INS-C-72

The response is as follows:

[RESPONSE]

code = 200

description = Command completed successfully

CONTACTHANDLEID = INS-C-72
FIRSTNAME = John
LASTNAME = Smith
COMPANY = NULL
ADDRESS = Lonsdale St
CITY = Melbourne
STATE = VIC
POSTCODE = 3000
COUNTRY = AU
PHONE = +61.397483531
FAX = NULL
EMAIL = john.smith@reseller.com

EOF

2.2.5 QueryContactList

Description

QueryContactList is a command that allows you to search through the contacts in an account.

Input Parameters

Submit the request using the following syntax:

BASE_URL?user=username&pw=password&command=commandName¶meter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Description	Value
user	Required	Login ID of the user account	TEXT
pw	Required	Account password	TEXT
command	Required	Name of command to be executed: QueryContactList	TEXT
contactHandleID	Optional	Search by: Registrant Contact handle ID	INTEGER
firstname	Optional	The first name of any contact	TEXT
lastname	Optional	The last name of any contact	TEXT
org	Optional	The organization name of any contact	TEXT
Street	Optional	Street name	TEXT
City	Optional	City	TEXT
State	Optional	State / Province	TEXT
Postcode	Optional	ZIP / Postal Code	TEXT
Countrycode	Optional	2-letter ISO 3166 Country code	TEXT
Phone	Optional	Phone number, international syntax	TEXT
Fax	Optional	Fax number, international syntax	TEXT
Email	Optional	Email address	TEXT
Orderby	Optional	Sort by: "firstname, lastname, email"	TEXT
Ordertype	Optional	Sort type is ASC or DESC	TEXT
Contentsearch	Optional	To search the content by firstname, lastname, organization or email.	TEXT

Returned Properties and Values

Code	Description
------	-------------

200	Command completed successfully
541	The command failed

Property	Description
CONTACTN_HANDLEID	The id of the contact
CONTACTN_FIRSTNAME	The first name of a contact
CONTACTN_LASTNAME	The last name of a contact
CONTACTN_ORGANISATION	The organization of a contact
CONTACTN_EMAIL	The email of a contact
TOTAL	The total number of the contact(s) in the list

3. API HTTPS Response Codes

Status code responses:

Code	Description
200	“Command completed successfully”
521	“Authorization failed”
541	“Command failed” or “Exception Error”
542	“Unknown command”
561	“One of the parameter is invalid”
564	“Required parameter is missing”
581	“Insufficient credit”