

# INSTRA CORPORATION API

Hosting Operation

**Version 1.4**

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## Proprietary Information

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## 1. Introduction

Instra API is developed to offer our customer to have an easy procedure on how to connect to Instra system.

This manual describes commands for:

- Hosting API commands.

If there is any error or missing commands, please do not hesitate to contact us.

## 2. Commands

### 2.1 Hosting Management commands

The following commands are used to create and renew hosting.

#### 2.1.1 CreateHostings

##### Description

Create a hosting for a domain or create in bulk.

##### Input Parameters

Submit the request using the following syntax:

**BASE\_URL?user=username&pw=password&command=commandName&parameter1=value1&parameter2=value2&parameter3=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: <b>CreateHostings</b>	TEXT
domainN	Required	Name of the domain including the extension. N is number starts from 1 to unlimited.	DOMAIN
hostingtypeN	Required	The type of hosting product such as economy, premium, business or first_class. N is number starts from 1 to unlimited.	TEXT
hostingpasswordN	Required	Hosting password required for hosting a domain	DOMAIN
periodN	Required	Registration period: min. 1 year and max. 9 years, according to each registry.	TEXT

##### Returned Properties and Values

Code	Description
200	Command completed successfully
561	One of the parameters was invalid
541	Command failed

Property	Description
DOMAINN	The name of domain for hosting
HOSTINGN_EXPIRYDATE	The expiry date for the domain hosting

## 2.1.2 RenewHostings

### Description

Renew a hosting for a domain or renew in bulk.

### Input Parameters

Submit the request using the following syntax:

```
BASE_URL?user=username&pw=password&command=commandName&parameter1=value1&parameter2=value2&parameter3=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: <b>RenewHostings</b>	TEXT
domainN	Required	Name of the domain including the extension. N is number starts from 1 to unlimited.	DOMAIN
periodN	Required	Registration period: min. 1 year and max. 10 years, according to each registry. N is number starts from 1 to unlimited.	TEXT

### Returned Properties and Values

Code	Description
200	Command completed successfully
561	One of the parameters was invalid
541	Command failed

Property	Description
DOMAINN	The name of domain for hosting
HOSTINGN_EXPIRYDATE	The expiry date for the domain hosting

### 2.1.3 UpdateHosting

#### Description

Update hosting password

#### Input Parameters

Submit the request using the following syntax:

**BASE\_URL?user=username&pw=password&command=commandName&parameter1=value1&parameter2=value2&parameter3=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: <b>UpdateHosting</b>	TEXT
domain	Required	Name of the domain including the extension.	DOMAIN
hostingpassword	Required	Hosting password required for hosting a domain	TEXT
plsusername	Optional	This is the username of a customer from a reseller uses PLS system	TEXT

#### Returned Properties and Values

Code	Description
200	Command completed successfully
561	One of the parameters was invalid
541	Command failed

Property	Description
No property returned	

## 2.1.4 QueryHostingList

### Description

Query a list of hostings in a customer account.

### Input Parameters

Submit the request using the following syntax:

**BASE\_URL?user=username&pw=password&command=commandName&parameter1=value1&parameter2=value2&parameter3=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: <b>QueryHostingList</b>	TEXT
domain	Optional	Search for: Domain pattern, e.g. .com, ez*.eu, a*star.asia	DOMAIN
status	Optional	Search by: domain status with value ('ACTIVE', 'NOT_ACTIVE', 'DNS_REMOVED')	TEXT
hostingtype	Optional	This is the type of the hosting product such as economy, premium, business or first_class	TEXT

### Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
HOSTINGN_ID	The id of the domain
HOSTING_REMOTEID	The remote record id from supplier
DOMAINN_NAME	The name of the domain
HOSTINGN_TYPE	The type of the hosting such as email or web hosting
HOSTINGN_CREATEDDATE	The created date for the domain
HOSTINGN_UPDATEDDATE	The last updated date for the domain
HOSTINGN_EXPIRYDATE	The expiry date for the domain
HOSTINGN_STATUS	The domain status, active or not active
TOTAL	The total number of the hosting(s) in the list

## 2.1.5 InfoHosting

### Description

Query the status of a particular hosting name.

### Input Parameters

Submit the request using the following syntax:

**BASE\_URL?user=username&pw=password&command=commandName&parameter1=value1&parameter2=value2&parameter3=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: <b>InfoHosting</b>	TEXT
domain	Required	Name of the domain including the extension	DOMAIN

### Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
DOMAINNAME	The name of the domain hosted
HOSTING_REMOTEID	The remote record id from supplier
HOSTING_CREATEDDATE	The hosting created date
HOSTING_UPDATEDDATE	Last hosting updated date
HOSTING_EXPIRYDATE	The hosting expiry date
HOSTING_STATUS	The status of a hosting such as 'ACTIVE', 'NOT_ACTIVE' or 'DNS_REMOVED'
HOSTING_TYPE	The hosting type such as economy, premium, business or first_class.



### 3. API HTTPS Response Codes

Status code responses:

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