



**GO ANYWHERE<sup>®</sup>**  
A HelpSystems Solution



## GoAnywhere API Guide

for GoAnywhere MFT versions 6.5.1 and later



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202009290954

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# Welcome

GoAnywhere Command allows users to perform an array of functions on a local or remote GoAnywhere system. The GoAnywhere Command performs an HTTP(S) request to the specified GoAnywhere server and executes the specified command. With GoAnywhere Command, it is possible to execute GoAnywhere functions from custom programs, scripts and scheduler software.

GoAnywhere API Guide allows users to perform SOAP and REST requests to a local or remote GoAnywhere system. With GoAnywhere API Guide, it is possible to execute GoAnywhere functions from custom programs.

## GoAnywhere Command Web Services Installation Requirements

Web Services are supported in GoAnywhere MFT version 5.4.0 and later. Dashboard Gadget Commands are supported in GoAnywhere MFT 5.5.0 and Later.

## GoAnywhere Command Installation Requirements

- Java Runtime Environment 1.6 (JRE) or higher needs to be installed on your local computer.
- An Admin User account on the GoAnywhere system.
- The GoAnywhere system must be running version 5.0.0 or later.

**NOTE:**

The Java Runtime Environment is also referred to as the Java Virtual Machine or simply Java. Download Java from <http://www.java.com>.

## Admin User Permissions

Each GoAnywhere Command action requires you to specify an Admin User account to authenticate to a GoAnywhere server. The Admin User account must have permissions to execute the command on the target server. For more information, see the **Admin User Roles** section of the *GoAnywhere MFT User Guide*.

# REST

The GoAnywhere Command client supports REST requests to execute Workflow and Web User actions on a GoAnywhere Server. The REST Body must be formatted as JSON.

## HTTP Authentication for REST Requests

GoAnywhere Command Web Services use BASIC authentication with the User ID and Password of an Admin User in GoAnywhere.

## REST URI

The base URI to send HTTP REST Requests to a your GoAnywhere Server is **http://[server URL]:[port]/goanywhere/rest/gacmd/v1/**. The [Server URL] and [port] place holders used throughout this guide must be replaced with the URL and port numbers of your GoAnywhere installation.

The command name or parameter for each action is listed in the commands sections in the subsequent chapters of this guide.

### EXAMPLE:

POST **http://10.1.2.1:8000/goanywhere/rest/gacmd/v1/jobs/123456789012/cancel** is the REST request used to [cancel a job](#).

## REST URI White Space Replacement

Some items in your GoAnywhere installation, such as Triggers, Web Groups, or Resources, may have names that contain spaces. When using this name in a REST URI, the spaces must be encoded using '+' or '%20'. For example, an SFTP Resource is named "Trading Partner SFTP" in GoAnywhere. To export this Resource using a REST request, the spaces must be encoded in the URI:

### EXAMPLE:

Using '%20': POST

**http://10.1.2.1:8000/goanywhere/rest/gacmd/v1/resources/sftp/Trading%20Partner%20SFTP**

### EXAMPLE:

Using '+': POST

**http://10.1.2.1:8000/goanywhere/rest/gacmd/v1/resources/sftp/Trading+Partner+SFTP**

## JSON Content Type and Escape Characters

When making any REST requests to a GoAnywhere server, the content type must be 'application/json'. Specific special characters within the JSON fields must be escaped. The following table contains a list of escape characters and examples of how they are used:

Escape Character	Definition & Example
------------------	----------------------

\b	Backspace (ascii code 08). <b>Example:</b> "description": "\bThis is a description."
\f	Form feed (ascii code 0C). <b>Example:</b> "description": "\fThis is a description."
\n	New line. <b>Example:</b> "description": "This is a new line. \n"
\r	Carriage return. <b>Example:</b> "description": "This is a carriage return.\r"
\t	Tab <b>Example:</b> "description": "These\tare\ttabs."
\"	Double quote. <b>Example:</b> "description": "\"Use GoAnywhere,\" they said."
\\	Backslash character. <b>Example:</b> "physicalPath": "C:\\webdocs\\home_folders\\"

## Attaching Files to REST Requests

Files must be Base64 encoded and the Base64 encoded text inserted into the correct fields within the JSON body of a POST or PUT request.

In the importProject command example below, the "file" parameter contains a Base64 encoded file.

```
{
  "importParameters" :
  {
    "file": "Z29hbnl3aGVyZQ==",
    "domain": "Chicago Campus",
    "ignoreCompileErrors": "true",
    "replaceProject": "true",
    "createTargetFolder": "false",
    "targetFolder" : "/Incoming"
  }
}
```

# SOAP

The GoAnywhere Command client supports SOAP requests to execute Workflow and Web User actions on a GoAnywhere Server.

## SOAP Method

All SOAP requests are POSTs.

## SOAP URL

The URL to make a SOAP request on the GoAnywhere server is: **http://[server URL]:[port]/goanywhere/soap/gacmd/v1/GoAnywhereCommand**. The [server URL] and [port] placeholders used throughout this guide must be replaced with the URL and port numbers of your GoAnywhere installation.

## SOAP WSDL

The SOAP WSDL can be found using the following URL on your server: **http://[server URL]:[port]/goanywhere/soap/gacmd/v1/GoAnywhereCommand?wsdl**.

## SOAP Authentication

GoAnywhere Command Web Services use BASIC authentication with User and Password of an Admin User in GoAnywhere.

## SOAP Envelope

Each SOAP request contains a unique XML formatted body. Examples of the SOAP Envelope are contained in each command example found in the later sections of this guide.

# Attaching Files to SOAP Requests

## Non-MTOM Request

For a non-MTOM enabled request, the input file can be a Base64 encoded string and supplied in the <inputFile> field.

### Example:

```
<inputFile>Z29hbnl3aGVyZQ==</inputFilefile>
```

## MTOM Request

For an MTOM enabled request, specify a CID using the <inc> XML name space which points to another MIME part on the same request that contains the file.

### Example:

```
<inputFile>
  <inc:Include xmlns:inc="http://www.w3.org/2004/08/xop/include" href="cid:123456"/>
</inputFilefile>
```

If your application automatically replaces Content ID references with the <inc> XML name space, then only the CID is required.

### Example:

```
<inputFile>cid:123456</inputFilefile>
```

# GoAnywhere Command Administration

The Administration section outlines the installation and maintenance of the GoAnywhere Command application.

## Installation

GoAnywhere Command can be installed on any computer running Microsoft® Windows®, Linux, UNIX, AIX®, and Mac OS X. Download the appropriate installation file from the GoAnywhere Customer Portal at <https://my.goanywhere.com>.

Follow the instructions below to install the GoAnywhere Command application:

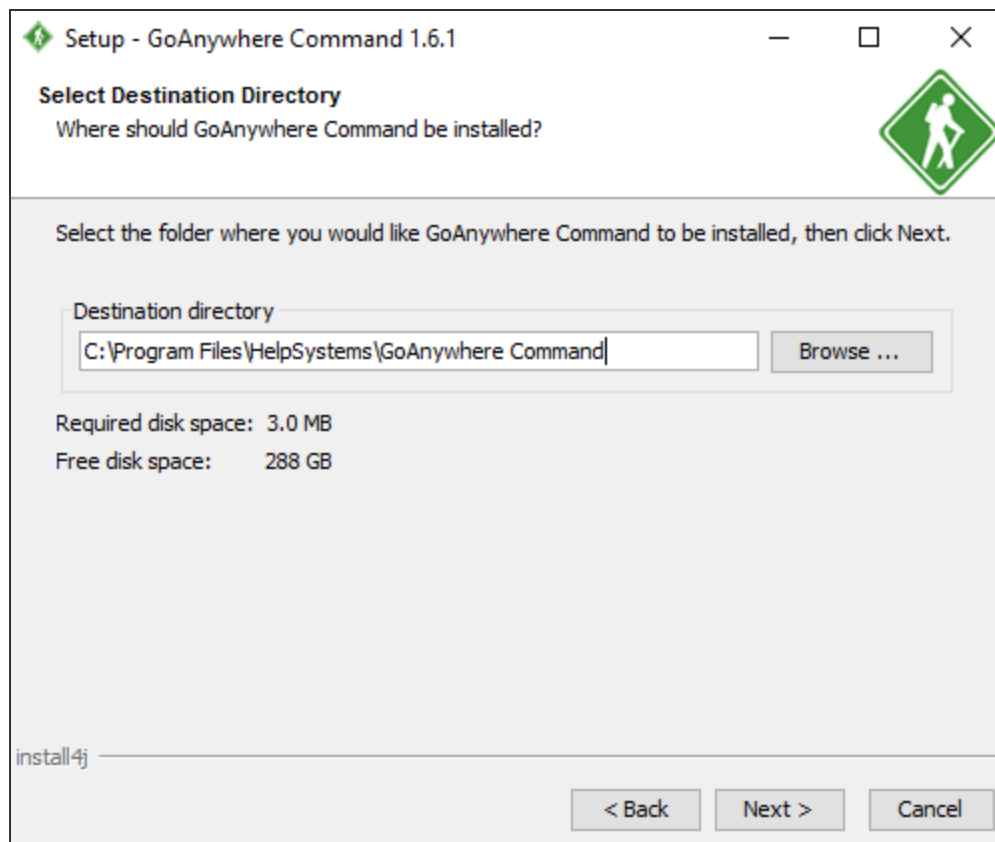
### Windows Installation

#### Step 1 - Launch the Installation Package

Locate and double-click the installation file on your computer (the default file name is "gacmdwindows.exe"). If a Security Warning opens, click the **Run** button to confirm you wish to install the GoAnywhere Command application.

## Step 2 - Destination Directory

Confirm the installation directory for the GoAnywhere Command application. Click the **Next** button to install.





## Silent Install - Windows

The installation of GoAnywhere Command can be automated by using a silent install option. Silent install uses the Windows command line to execute the installation.

To perform a silent install of GoAnywhere Command on Windows:

1. Log into the target Windows system as an administrator.
2. Open the command prompt and use the `cd` command to navigate to the directory containing the GoAnywhere Command installer.
3. Execute the downloaded installer file using the following command:

```
[installer file name].exe -q
```

For parameters for silent install on Windows, see the *Silent Install Parameters* on the next page.

## Linux, Unix, AIX, Mac OS X Installation

The installation for Linux, Unix, AIX, and Mac OS X is essentially the same. If a desktop interface is installed on the system, the installer screens from the Windows installer will open, otherwise the installation is text based.

1. Download or copy the GoAnywhere Command installation file to a location on the target computer.
2. From a command prompt, navigate to the folder where the file was placed.
3. Type `chmod 777 gacmdunix.sh` and then press Enter.
4. Type `./gacmdunix.sh` and then press Enter.
5. Respond to the screen prompts to finish installing the oAnywhere Command application.

## Silent Install - Linux, Unix, AIX, Mac OS X

The installation of GoAnywhere Command can be automated by using a silent install option.

To perform a silent install of GoAnywhere Command on Linux, Unix, AIX, or Mac OS X systems:

1. Copy the GoAnywhere Command UNIX installer file to the UNIX server.
2. Execute the downloaded installer file using the following command:

```
[installer_filename].sh -q
```

For parameters for silent install on Linux, Unix, AIX, or Mac OS X, see the *Silent Install Parameters* on the next page.

## Silent Install Parameters

The following table contains the required and optional parameters for a silent install on Windows, Unix, and Linux:

Parameter Name	Description
-q	Displays no user interface.
-dir	The directory path where GoAnywhere Command will be installed.

## Upgrade

The installer used to install GoAnywhere Command is also used to upgrade GoAnywhere Command. The install file recognizes any existing installations and offers to either upgrade in the same folder or install it in a different location.



# Uninstall

## Windows

The GoAnywhere Command uninstalls using the Programs and Features option in the Windows Control Panel. Follow the instructions below to uninstall the GoAnywhere Command:

1. From the **Start** menu, open the **Control Panel**.
2. In the **Control Panel**, either click the **Uninstall a program** link in the Programs section or click the **Programs and Features** icon.
3. From the list of available programs, click to select the **GACmd 1.6.1** and then from the sub-menu bar click **Uninstall**.
4. The GoAnywhere Command application is removed. To completely remove any remaining GoAnywhere Command log files, manually delete the C:\[InstallFolder]\GoAnywhere Command folder (where [InstallFolder] is the installation location where GoAnywhere Command was installed).

## Linux, Unix, AIX, Mac OS X

Delete the GoAnywhere Command folder from your file system. (for example, /usr/local/HelpSystems/GoAnywhere\_Command).

# Executing GoAnywhere Command

GoAnywhere functions residing on the local or a remote server can be executed by calling the GoAnywhere Command (gacmd). All parameter names are case-insensitive. Values containing spaces must be enclosed in "double-quotes."

## Admin User Permissions

Each GoAnywhere Command action requires you to specify an Admin User account using the *-user* parameter to authenticate to a GoAnywhere server. The Admin User account must have permissions to execute the command on the target server. For more information, see the **Admin User Roles** section of the *GoAnywhere MFT User Guide*.

## Windows®

The default installation directory on Windows is C:\Program Files\HelpSystems\GoAnywhere Command. In a Command or DOS window, navigate to the install folder and type:

```
gacmd.exe [-parameter] <value> [-command] <value>
```

## Linux, Unix, AIX, Mac OS X

Navigate to the install folder and type:

```
sh gacmd [-parameter] <value> [-command] <value>
```

The GACmd command accepts the following parameters:

Parameter Name	Description	Required?	Default Value
server	The URL of the GoAnywhere server. When running in a cluster environment, separate multiple server URL's with a comma, without spaces between the comma and server addresses. For example: <ul style="list-style-type: none"> <li>• http://10.1.4.1:8000/goanywhere</li> <li>• https://10.1.4.1:8001/goanywhere</li> <li>• http://10.1.4.1:8000/goanywhere, http://10.1.4.2:8000/goanywhere</li> </ul>	Yes	None
user	The User name for logging in to GoAnywhere.	Yes	None
password	The password for the User account.	Yes*	None
passwordPrompt	You will be prompted to specify the password when the command is executed.	Yes*	None
passwordVariable	The password is stored in an environment/user variable in the system. Specify the variable name as the parameter, which is case sensitive.	Yes*	None
passwordFile	The password is stored in a file. Specify the full path to the file.	Yes*	None
passwordIsEncrypted	Specifies that a password is encrypted. Valid options are true or false.	No	None

Parameter Name	Description	Required?	Default Value
<b>NOTE:</b> To encrypt a password, you can use the password encryption tool from the GoAnywhere server by logging in to GoAnywhere and then specify the following page in your browser: <a href="http://[server name]:[port]/goanywhere/admin/debug/AESEncrypt.xhtml">http://[server name]:[port]/goanywhere/admin/debug/AESEncrypt.xhtml</a>			
listCommands	Lists the commands supported by the server.	No	None
command	The name of the command sent to the GoAnywhere server.	No	None
commandHelp	Prints all supported parameters for the selected command to the console along with parameter descriptions.	No	None
version	Prints the installed version of the GoAnywhere Command application on the local computer.	No	None
serverCertificateStore	The path to the key store containing the trusted certificates. This file is used for authenticating the server during the SSL handshake.	No	default
serverCertificateStorePassword	The password for the server certificate key store.	No	None
serverCertificateStoreType	The type of the server certificate key store. Valid options are JKS and PKCS12.	No	JKS
clientCertificateStore	The path to the key store containing the private keys and associated certificates. This key store is required if the target GoAnywhere server requires client authentication using digital certificates.	No	default
clientCertificateStorePassword	The password for the client certificate key store.	No	None
clientCertificateStoreType	The type of the client certificate key store. Valid options are JKS and PKCS12.	No	JKS

Parameter Name	Description	Required?	Default Value
verifyHostName	When connecting over SSL, whether or not to verify the host name with the host name listed on the digital certificate sent by the server. Valid options are true or false.	No	true
trustAll	Whether or not to authenticate the server. When this is set to true, all servers are considered as trusted, in other words, the server authentication will be skipped during the SSL handshake. Valid options are true or false.	No	None
proxyHost	The proxy host URL.	No	None
proxyPort	The port used by the proxy.	No	None
proxyUser	The user name used to log in to the proxy server.	No	None
proxyPassword	The password for the proxy user.	No	None
connectionTimeout	The number of seconds before a connection times out.	No	60
readTimeout	The socket timeout in seconds. If no data is transferred in this timeframe, the socket times out.	No	300
logFile	The file location for the GoAnywhere Command log file.	No	[installfolder/goanywhereclient.log]
responseOutput File	The file location and file name in which to save the response returned from GoAnywhere. The format of the response is XML.	No	None
jvmconfig	Prints all of the system properties to the console, this is used for debug purposes only.	No	None

\* Only one of the four password parameters should be specified.

## Character Encoding

Special characters in parameter values need to be encoded. The following table contains a list of invalid characters, the replacement encoded value, and an example.

Invalid Character	Replacement Encoding	Example
< (less than)	&lt;	"2T6M!&lt;" will resolve as "2T6M!<"
> (greater than)	&gt;	"2T6M!&gt;" will resolve as "2T6M!>"
" (double quote)	&quot;	"This is a &quot;Provisional&quot; account" will resolve as "This is a"Provisional" account"
' (apostrophe)	&apos;	"Kathy&apos;s account is valid." will resolve as "Kathy's account is valid."
& (ampersand)	&amp;	"User 1 &amp; User 2" will resolve as "User 1 & User 2"

## listCommands

Display a list of possible commands using listCommands.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-listCommands
```

## commandHelp

For help with using a command, you can display the command description and command parameters using commandHelp.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-commandHelp cancelJob
```

Parameter Name	Description	Required?	Default Value
Command name	The name of the command. <b>Example:</b> -commandHelp cancelJob	Yes	None



# GoAnywhere Admin User Commands

The following are the commands available for GoAnywhere Admin Users:

# Delete Admin User

Delete an Admin User from GoAnywhere using the deleteAdminUser command.

**NOTE:**

You cannot delete the system *root* or *administrator* user accounts.

## REST

### Method & URL

DELETE http://[server URL]:[port]/goanywhere/rest/gacmd/v1/adminusers/[userName]

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteAdminUser>
      <userName>jsmith</userName>
    </web:deleteAdminUser>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:deleteAdminUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Admin user 'jsmith' was deleted successfully</result>
    </ns2:deleteAdminUserResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when deleting an Admin User.

Parameter Name	Description	Required?	Default Value
userName	The Admin User account name.	Yes	None

## CLI

The following table lists the available options when deleting an Admin User in GoAnywhere Command using the deleteAdminUser command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command deleteAdminUser -userName kharris
```

Parameter Name	Description	Required?	Default Value
userName	The Admin User account name.	Yes	None

**NOTE:**

You cannot delete the system default *root* or *administrator* user accounts.

## Export Admin User

Export an Admin User to an XML file using the exportAdminUser command.

**NOTE:**

You cannot export the system *root* or *administrator* user accounts.

## REST

### Method & URL

```
GET http://[server URL]:[port]/goanywhere/rest/gacmd/v1/adminusers/
[userName]
```

### Response Body Sample

```
<?xml version="1.0" encoding="UTF-8" ?>
<users class="com.linoma.dpa.commandcenter.codec.AdminUserNameListCodec">
  <user>
    <modifiedOn>1548110364441</modifiedOn>
    <twoFactorAuthType></twoFactorAuthType>
    <passwordHashAlgorithm>7</passwordHashAlgorithm>
    <passwordIsEncrypted>true</passwordIsEncrypted>
    <filePermissions>3</filePermissions>
    <password>$5$3pvLY59cd6nult0=</password>
    <restrictToHomeDirectory>true</restrictToHomeDirectory>
    <createdBy>root</createdBy>
    <lastLoginDate>1548110345327</lastLoginDate>
    <modifiedBy>root</modifiedBy>
    <loginMethod>101</loginMethod>
```

```
<createdOn>1425500848000</createdOn>
<name>kharris</name>
<email>kharris@example.com</email>
<homeDirectory>*DOCR00T/*USER</homeDirectory>
<enabled>true</enabled>
<loginMethodName>GoAnywhere</loginMethodName>
<roles>
  <role>
    <name>Agent Manager</name>
  </role>
  <role>
    <name>Auditor</name>
  </role>
  <role>
    <name>Dashboard Manager</name>
  </role>
  <role>
    <name>File Manager</name>
  </role>
  <role>
    <name>Job Manager</name>
  </role>
  <role>
    <name>Key Manager</name>
  </role>
  <role>
    <name>Product Administrator</name>
  </role>
  <role>
    <name>Project Designer</name>
  </role>
  <role>
    <name>Project Executor</name>
  </role>
  <role>
    <name>Resource Manager</name>
  </role>
  <role>
    <name>Secure Forms Manager</name>
  </role>
  <role>
    <name>Secure Mail Manager</name>
  </role>
  <role>
    <name>Security Officer</name>
  </role>
  <role>
    <name>Trigger Manager</name>
  </role>
  <role>
    <name>Web User Device Manager</name>
  </role>
  <role>
    <name>Web User Manager</name>
  </role>
</roles>
<groups>
  <group>
    <name>All Admin Users</name>
  </group>
</groups>
```

```

    <domains>
      <domain>
        <name>Default</name>
      </domain>
    </domains>
  </user>
</users>

```

## SOAP

### Envelope Sample

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportAdminUser>
      <userName>kharris</userName>
    </web:exportAdminUser>
  </soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:exportAdminUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <outputFile>PD94bWwgdmVyc...wvd2ViVXNlcnM+</outputFile>
    </ns2:exportAdminUserResponse>
  </S:Body>
</S:Envelope>

```

The following table lists the available options when running exporting an Admin User.

Parameter Name	Description	Required?	Default Value
userName	The user name of the Admin User to export.	Yes	None

## CLI

The following table lists the available options when exporting an Admin User in GoAnywhere Command using the exportAdminUser command.

#### EXAMPLE:

```

gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportAdminUser -userName "kharris" -userOutputFile

```

"C:\adminUsers\kharris.xml"

Parameter Name	Description	Required?	Default Value
userName	The user name of the Admin User to export.	Yes	None
userOutputFile	The location where the Admin User XML will be saved.	Yes	None

**NOTE:**

You cannot export the system default *root* or *administrator* user accounts.

# Import Admin User

Import an Admin User from an XML file. Prior to importing the Admin User from a file, you must export the Admin User from the source GoAnywhere server.

**NOTE:**

You cannot import the system *root* or *administrator* user accounts.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/adminusers`

### Body Sample:

```
{
  "importParameters" :
  {
    "file": "Z29hbnl3aGVyZQ=="
  }
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importAdminUser>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
    </web:importAdminUser>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importAdminUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Admin user 'KHarris' was added successfully.</result>
    </ns2:importAdminUserResponse>
```

```
</S:Body>
</S:Envelope>
```

The following table lists the available options when importing an Admin User.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None

## CLI

Import an Admin User from an XML file in GoAnywhere Command using the `importAdminUser` command. Prior to importing the Admin User from a file, you must export the Admin User from the source GoAnywhere server.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importAdminUser -file "C:\temp\AdminUsers.xml"
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Admin User XML file.	Yes	None

### NOTE:

You cannot import the system default *root* or *administrator* user accounts.



# Promote Admin User

Promote an Admin User from one GoAnywhere server to another GoAnywhere server.

**NOTE:**

You cannot promote the system *root* or *administrator* user accounts.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/adminusers/[userName]/promote`

### Body Sample:

```
{
  "targetServer" : "http://10.1.5.1:9000/goanywhere",
  "targetUser" : "root",
  "targetPassword" : "goanywhere"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:promoteAdminUser>
      <targetServer>http://10.1.5.1:9000/
        goanywhere</targetServer>
      <targetUser>root</targetUser>
      <targetpassword>goanywhere</targetpassword>
      <userName>kharris</userName>
    </web:promoteAdminUser>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
```

```
<S:Body>
<ns2:promoteAdminUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Admin user 'kharris' was promoted successfully</result>
</ns2:promoteAdminUserResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when promoting an Admin User.

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
userName	The user name of the Admin User to promote.	Yes	None

## CLI

The following table lists the available options when promoting an Admin User in GoAnywhere Command using the `promoteAdminUser` command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command promoteAdminUser -targetServer http://10.1.5.2:8000/goanywhere  
-targetUser root -targetPassword goanywhere -userName "kharris"
```

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
userName	The user name of the Admin User to promote.	Yes	None

**NOTE:**

You cannot promote the system default *root* or *administrator* user accounts.

# GoAnywhere Workflow Commands

The following are the commands available for GoAnywhere Project Workflows:

## Activate Encrypted Folder

Activate an Encrypted Folder using the activateEncryptedFolder command.

### REST

#### Method & URL

POST http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/encryptedfolders

#### Body Sample

```
{
  "activateParameters" :
  {
    "folderPath" : "/mftsystem/encrypted",
    "createFolder" : "true",
    "createBackup" : "true",
    "backupFolderPath" : "/mftsystem/backups"
  }
}
```

#### Response Body Sample

```
{
  "data" :
  [
    {
      "encryptionKey" : "j1VoGGIeA0yYZYJ7SMLa9...",
      "seedUUID" : "abb1b909-04b3-3a01-a578-65be3cb3609b"
    }
  ]
}
```

# SOAP

## Envelope Sample

```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:activateEncryptedFolder>
      <folderPath>/mftsystem/encrypted</folderPath>
      <createFolder>true</createFolder>
      <createBackup>true</createBackup>
      <backupFolderPath>/mftsystem/backups</backupFolderPath>
    </web:activateEncryptedFolder>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:activateEncryptedFolderResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Folder encryption successfully activated.</result>
    </ns2:activateEncryptedFolderResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when activating an encrypted folder.

Parameter Name	Description	Required?	Default Value
folderPath	The location of the folder on the GoAnywhere system to use as an Encrypted Folder.	Yes	None
createFolder	Indicate whether GoAnywhere should create this folder if it does not exist.	No	False
keyGeneration	Indicate the encryption key to use on this Encrypted Folder: <ul style="list-style-type: none"> <li><b>Random</b> - GoAnywhere will create a new encryption key for this folder.</li> <li><b>Manual</b> - The encryption key and seed UUID will be provided. This is useful when migrating an Encrypted Folder between GoAnywhere systems.</li> </ul>	No	Random
encryptionKey	The encryption key to use when specifying the key manually.	No	None
seedUUID	The seed UUID to use when specifying the key manually.	No	None
encryptContents	Indicate whether or not to encrypt the contents of this folder. If encryptContents is false, GoAnywhere will assume the contents are already encrypted. This is only used when specifying the key manually.	No	False
createBackup	If the folderPath location already contains files, it is recommended to take a backup of those files prior to GoAnywhere encrypting them.	No	True
backupFolderPath	The location on the GoAnywhere system to store the backup. If createBackup is true, this path is required.	No	None

Parameter Name	Description	Required?	Default Value
backupCompression	Indicate whether the backup should be compressed: <ul style="list-style-type: none"> <li>• <b>None</b> - Do not perform compression on the backup file.</li> <li>• <b>Zip</b> - Compress the backup file using Zip.</li> </ul>	No	Zip

## CLI

The following table lists the available options when activating an encrypted folder in GoAnywhere Command using the activateEncryptedFolder command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command activateEncryptedFolder -folderPath "C:\users\kharris\encrypted" -createFolder
true -createBackup true -backupFolderPath C:\users\kharris\backups
```

Parameter Name	Description	Required?	Default Value
folderPath	The location of the folder on the GoAnywhere system to use as an Encrypted Folder.	Yes	None
createFolder	Indicate whether GoAnywhere should create this folder if it does not exist.	No	False
keyGeneration	Indicate the encryption key to use on this Encrypted Folder: <ul style="list-style-type: none"> <li>• <b>Random</b> - GoAnywhere will create a new encryption key for this folder.</li> <li>• <b>Manual</b> - The encryption key and seed UUID will be provided. This is useful when migrating an Encrypted Folder between GoAnywhere systems.</li> </ul>	No	Random

Parameter Name	Description	Required?	Default Value
encryptionKey	The encryption key to use when specifying the key manually.	No	None
seedUUID	The seed UUID to use when specifying the key manually.	No	None
encryptContents	Indicate whether or not to encrypt the contents of this folder. If encryptContents is false, GoAnywhere will assume the contents are already encrypted. This is only used when specifying the key manually.	No	False
createBackup	If the folderPath location already contains files, it is recommended to take a backup of those files prior to GoAnywhere encrypting them.	No	True
backupFolderPath	The location on the GoAnywhere system to store the backup. If createBackup is true, this path is required.	No	None
backupCompression	Indicate whether the backup should be compressed: <ul style="list-style-type: none"><li>• <b>None</b> - Do not perform compression on the backup file.</li><li>• <b>Zip</b> - Compress the backup file using Zip.</li></ul>	No	Zip



# Cancel Job

Cancel a job using the `cancelJob` command. The job will be canceled and logged in the job log.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/jobs/[jobId]/cancel`

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:cancelJob>
      <jobId>1347033630762</jobId>
    </web:cancelJob>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:cancelJobResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Cancel request submitted for job 1000000000534</result>
    </ns2:cancelJobResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when canceling a job.

Parameter Name	Description	Required?	Default Value
jobId	The jobId is a unique job number given to each project at runtime. The jobId's are sequential and reflect the order in which jobs are started.	Yes	None

## CLI

The following table lists the available options when canceling a job in GoAnywhere Command using the cancelJob command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command cancelJob -jobId 1347033630762
```

Parameter Name	Description	Required?	Default Value
jobId	The jobId is a unique job number given to each project at runtime. The jobId's are sequential and reflect the order in which jobs are started.	Yes	None

## Deactivate Encrypted Folder

Deactivate an Encrypted Folder using the deactivateEncryptedFolder command.

## REST

### Method & URL

```
POST http://[server URL]:
[port]/goanywhere/rest/gacmd/v1/encryptedfolders
```

### Body Sample

```
{
  "deactivateParameters" :
  {
    "folderPath" : "/mftsystem/encrypted",
    "createBackup" : "true",
    "backupFolderPath" : "/mftsystem/backups"
  }
}
```

### Response Body Sample

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deactivateEncryptedFolder>
      <folderPath>/mftsystem/encrypted</folderPath>
      <backupFolderPath>/mftsystem/backup</backupFolderPath>
    </web:deactivateEncryptedFolder>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:activateEncryptedFolderResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Folder encryption successfully deactivated.</result>
    </ns2:activateEncryptedFolderResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when deactivating an encrypted folder.

Parameter Name	Description	Required?	Default Value
folderPath	The folder path of the Encrypted Folder.	Yes	None
decryptContents	Indicate whether or not to decrypt the contents of this folder. If decryptContents is false, GoAnywhere will assume the contents are already decrypted.	No	True
createBackup	If the folderPath location already contains files, it is recommended to take a backup of those files prior to GoAnywhere decrypting them.	No	True
backupFolderPath	The location on the GoAnywhere system to store the backup. If createBackup is true, this path is required.	No	None
backupCompression	Indicate whether the backup should be compressed: <ul style="list-style-type: none"> <li>• <b>None</b> - Do not perform compression on the backup file.</li> <li>• <b>Zip</b> - Compress the backup file using Zip.</li> </ul>	No	Zip

## CLI

The following table lists the available options when deactivating an encrypted folder in GoAnywhere Command using the deactivateEncryptedFolder command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command deactivateEncryptedFolder -folderPath "C:\users\kharris\encrypted"
-decryptContents true -createbackup true -backupFolderPath C:\users\kharris\backups
```

Parameter Name	Description	Required?	Default Value
folderPath	The folder path of the Encrypted Folder.	Yes	None

Parameter Name	Description	Required?	Default Value
decryptContents	Indicate whether or not to decrypt the contents of this folder. If decryptContents is false, GoAnywhere will assume the contents are already decrypted.	No	True
createBackup	If the folderPath location already contains files, it is recommended to take a backup of those files prior to GoAnywhere decrypting them.	No	True
backupFolderPath	The location on the GoAnywhere system to store the backup. If createBackup is true, this path is required.	No	None
backupCompression	Indicate whether the backup should be compressed: <ul style="list-style-type: none"><li>• <b>None</b> - Do not perform compression on the backup file.</li><li>• <b>Zip</b> - Compress the backup file using Zip.</li></ul>	No	Zip

## Delete Cloud Connector

Delete a Cloud Connector using the deleteCloudConnector command.

### REST

#### Method & URL

```
DELETE http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/cloudConnectors/[cloudConnectorName]
```

#### Response Body

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteCloudConnector>
      <cloudConnectorName>Jira Cloud Connector</cloudConnectorName>
    </web:deleteCloudConnector>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:deleteCloudConnectorResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Cloud Connector 'Jira Cloud Connector' deleted successfully.</result>
    </ns2:deleteCloudConnectorResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when deleting a Cloud Connector.

Parameter Name	Description	Required?	Default Value
cloudConnectorName	The name of the Cloud Connector to delete.	Yes	None

# CLI

The following table lists the available options when deleting a Cloud Connector in GoAnywhere Command using the deleteCloudConnector command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command deleteCloudConnector -cloudConnectorName "Jira Cloud Connector"
```

Parameter Name	Description	Required?	Default Value
cloudConnectorName	The name of the Cloud Connector to delete.	Yes	None

# Delete Monitor

Delete a Monitor using the deleteMonitor command.

**NOTE:**

The Monitor must be deactivated from the GoAnywhere GUI before it can be deleted using a REST or SOAP command.

## REST

### Method & URL

```
DELETE http://[server URL]:[port]/goanywhere/rest/gacmd/v1/monitors/[monitorType]/[monitorName]
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteMonitor>
      <monitorName>SFTP Upload Folder</monitorName>
      <monitorType>sftp</monitorType>
    </web:deleteMonitor>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:deleteMonitorResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Monitor 'ExampleMonitor' deleted successfully.</result>
    </ns2:deleteMonitorResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when deleting a Monitor.

Parameter Name	Description	Required?	Default Value
monitorName	The name of the monitor to delete.	Yes	None
monitorType	The type of the monitor (file, ftp, ftps, or sftp).	Yes	None

## CLI

The following table lists the available options when deleting a Monitor in GoAnywhere Command using the deleteMonitor command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command deleteMonitor -monitorName "SFTP Upload Folder" -monitorType "sftp"
```

Parameter Name	Description	Required?	Default Value
monitorName	The name of the monitor to delete.	Yes	None
monitorType	The type of the monitor (file, ftp, ftps, or sftp).	Yes	None

## Delete Project

Delete a Project using the deleteProject command.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/projects`

### Body Sample:

```
{
  "deleteParameters" :
  {
    "project": "/DailyTransfers/TestProject",
    "domain": "Chicago Campus"
  }
}
```



## Response Body

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteProject>
      <project>/DailyTransfers/TestProject</project>
      <domain>Chicago Campus</domain>
    </web:deleteProject>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteProject>
      <project>/DailyTransfers/TestProject</project>
      <domain>Chicago Campus</domain>
    </web:deleteProject>
  </soapenv:Body>
</soapenv:Envelope>
```

The following table lists the available options when deleting a project.

Parameter Name	Description	Required?	Default Value
project	The Project location and Project name. e.g. "/Demo/Test" denotes a project named 'Test' located in the folder named 'Demo.'	Yes	None
domain	The name of the Domain the Project belongs to. This field is optional if the user belongs to a single Domain.	No	None

# CLI

The following table lists the available options when deleting a project in GoAnywhere Command using the deleteProject command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command deleteProject -project "/DailyTransfers/TestProject" -domain "Chicago Campus"
```

Parameter Name	Description	Required?	Default Value
project	The Project location and Project name. e.g. "/Demo/Test" denotes a project named 'Test' located in the folder named 'Demo.'	Yes	None
domain	The name of the Domain the Project belongs to. This field is optional if the user belongs to a single Domain.	No	None

## Delete Resource

Delete a Resource using the deleteResource command.

### REST

#### Method & URL

```
DELETE http://[server URL]:[port]/goanywhere/rest/gacmd/v1/resources/
[resourceType]/[resourceName]
```

#### Response Body

If successful, the response body is empty.

### SOAP

#### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteResource>
      <resourceType>as2</resourceType>
      <resourceName>Partner AS2</resourceName>
    </web:deleteResource>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:deleteResourceResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Resource 'MyFTP' of type 'ftp' deleted successfully.</result>
    </ns2:deleteResourceResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when deleting a Resource.

Parameter Name	Description	Required?	Default Value
resourceType	<p>The type of Resource to delete. Valid values are:</p> <ul style="list-style-type: none"> <li>as2</li> <li>as400</li> <li>azureblob</li> <li>cc</li> <li>database</li> <li>ftp</li> <li>ftps</li> <li>gamft</li> <li>ghttps</li> <li>gofast</li> <li>http</li> <li>https</li> <li>icap</li> <li>mailbox</li> <li>mq</li> <li>pgpKeyRing</li> <li>rest</li> <li>s3</li> <li>smb</li> <li>snmp</li> <li>smtp</li> <li>soap</li> <li>ssh</li> <li>webdav</li> </ul>	Yes	None
resourceName	The name of the Resource to delete.	Yes	None

## CLI

The following table lists the available options when deleting a Resource in GoAnywhere Command using the deleteResource command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command deleteResource -resourceType "as2" -resourceName "Partner AS2"
```

Parameter Name	Description	Required?	Default Value
resourceType	<p>The type of Resource to delete. Valid values are:</p> <ul style="list-style-type: none"> <li>• azureblob</li> <li>• as2</li> <li>• as400</li> <li>• cc</li> <li>• database</li> <li>• ftp</li> <li>• ftps</li> <li>• gamft</li> <li>• ghttps</li> <li>• gofast</li> <li>• http</li> <li>• https</li> <li>• icap</li> <li>• mailbox</li> <li>• mq</li> <li>• pgpKeyRing</li> <li>• rest</li> <li>• s3</li> <li>• smb</li> <li>• snmp</li> <li>• smtp</li> <li>• soap</li> <li>• ssh</li> <li>• webdav</li> </ul>	Yes	None
resourceName	The name of the Resource to delete.	Yes	None

## Delete Schedule

Delete a workflow Schedule using the deleteSchedule command.

### REST

#### Method & URL

```
DELETE http://[server URL]:[port]/goanywhere/rest/gacmd/v1/schedules/[scheduleName]
```

#### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteSchedule>
      <scheduleName>Daily EDI Transfer</scheduleName>
    </web:deleteSchedule>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:deleteScheduleResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Schedule 'Daily EDI Transfer' deleted successfully.</result>
    </ns2:deleteScheduleResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when deleting a schedule.

Parameter Name	Description	Required?	Default Value
scheduleName	The name of the Schedule to delete.	Yes	None

## CLI

The following table lists the available options when deleting a schedule in GoAnywhere Command using the deleteSchedule command.

#### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command deleteSchedule -scheduleName "Daily EDI Transfer"
```

Parameter Name	Description	Required?	Default Value
scheduleName	The name of the Schedule to delete.	Yes	None

## Delete Secure Form

Delete a Secure Form using the deleteSecureForm command.

## REST

### Method & URL

DELETE http://[server URL]:[port]/goanywhere/rest/gacmd/v1/forms/  
[secureFormName]

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
  xmlns:web="http://webservice.goanywhere.com/">  
  <soapenv:Header/>  
  <soapenv:Body>  
    <web:deleteSecureForm>  
      <secureFormName>Employee Survey</secureFormName>  
    </web:deleteSecureForm>  
  </soapenv:Body>  
</soapenv:Envelope>
```

If successful, the response body is empty.

### Response Body Sample

The following table lists the available options when deleting a Secure Form.

Parameter Name	Description	Required?	Default Value
secureFormName	The name of the Secure Form to delete.	Yes	None

## CLI

The following table lists the available options when deleting a Secure Form in GoAnywhere Command using the deleteSecureForm command.

#### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command deleteSecureForm -secureFormName "Employee Survey"
```

Parameter Name	Description	Required?	Default Value
secureFormName	The name of the Secure Form to delete.	Yes	None

# Delete Trigger

Delete a Trigger using the deleteTrigger command.

## REST

### Method & URL

DELETE http://[server URL]:[port]/rest/gacmd/v1/triggers/[eventType]/[triggerName]

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Example

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteTrigger>
      <triggerName>Deny GoDrive Upload</triggerName>
      <eventType>before_godrive_upload</eventType>
    </web:deleteTrigger>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:deleteTriggerResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Trigger 'Deny GoDrive Upload' deleted successfully.</result>
    </ns2:deleteTriggerResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when deleting a Trigger.

Parameter Name	Description	Required?	Default Value
triggerName	The name of the Trigger to delete.	Yes	None
eventType	The event type for the Trigger. Valid values are found on the next table.	Yes	None

### Event Types

- account\_disabled
- as2\_mdn\_receive\_failed
- as2\_mdn\_receive\_successful
- as2\_message\_receive\_failed
- as2\_message\_receive\_successful
- before\_as2\_mdn\_send
- before\_godrive\_upload
- before\_secure\_mail\_send
- change\_password\_failed
- change\_password\_successful
- checksum\_failed
- checksum\_successful
- connect
- connection\_rejected
- create\_folder\_failed
- create\_folder\_successful
- delete\_file\_failed
- delete\_file\_successful
- delete\_folder\_failed
- delete\_folder\_successful
- disconnect
- download\_failed
- download\_successful
- invitation\_failed
- invitation\_successful
- ip\_address\_blacklisted
- login\_failed
- login\_successful
- registration\_failed
- registration\_successful
- rename\_file\_failed
- rename\_file\_successful
- rename\_folder\_failed
- rename\_folder\_successful
- upload\_failed
- upload\_successful

## CLI

The following table lists the available options when deleting a Trigger in GoAnywhere Command using the deleteTrigger command.



**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command deleteTrigger -triggerName "Deny GoDrive Upload" -eventType "before_godrive_upload"
```

Parameter Name	Description	Required?	Default Value
triggerName	The name of the Trigger to delete.	Yes	None
eventType	The event type for the Trigger. Valid values eventType values are found on the next table.	Yes	None

**Valid eventType Values:**

- account\_disabled
- as2\_mdn\_receive\_failed
- as2\_mdn\_receive\_successful
- as2\_message\_receive\_failed
- as2\_message\_receive\_successful
- before\_as2\_mdn\_send
- before\_godrive\_upload
- before\_secure\_mail\_send
- change\_password\_failed
- change\_password\_successful
- checksum\_failed
- checksum\_successful
- connect
- connection\_rejected
- create\_folder\_failed
- create\_folder\_successful
- delete\_file\_failed
- delete\_file\_successful
- delete\_folder\_failed
- delete\_folder\_successful
- disconnect
- download\_failed
- download\_successful
- invitation\_failed
- invitation\_successful
- ip\_address\_blacklisted
- login\_failed
- login\_successful
- registration\_failed
- registration\_successful
- rename\_file\_failed
- rename\_file\_successful
- rename\_folder\_failed
- rename\_folder\_successful
- upload\_failed
- upload\_successful

# Export Certificate

Export a Certificate from a Key Vault.

## REST

### Method & URL

POST `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/kms/certificates`

### Body Sample:

```
{
  "exportParameters" :
  {
    "keyName": "myCert",
    "keyVault": "My Vault",
    "exportType": "head",
    "domain": "Chicago Campus"
  }
}
```

### Response Body Sample

The response body will be Base64 encoded.

```
MIIEGDCCAwCgAw...
```

## SOAP

### Envelope Sample

```
<soapenv:Envelope
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportCertificate>
      <keyName>myCert</keyName>
      <keyVault>My Vault</keyVault>
      <exportType>head</exportType>
      <domain>Chicago Campus</domain>
    </web:exportCertificate>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

The response body will be Base64 encoded.

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:exportCertificateResponse
xmlns:ns2="http://webservice.goanywhere.com/">
<outputFile>PD94bWw...</outputFile>
</ns2:exportCertificateResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when exporting a Certificate from a Key Vault.

Parameter Name	Description	Required?	Default Value
keyName	The name of the key to export.	Yes	None
exportType	The type of file to export. Valid values are - headCertificate, certificateChain, and privateKey.  <div> <b>NOTE:</b>            Private keys and certificates exported in BCFIPS mode are saved with a .bcfks extension (Bouncy Castle FIPS format). Use the Java Keytool included with Java or third-party software like KeyStore Explorer to convert BCFKS files to PKCS12 after exporting.         </div>	Yes	None
keyPassword	A password to secure the private key. Used when export type is privateKey.	No	None
domain	The name of the Domain if the user is authorized to more than one Domain.	No	None
keyVault	The name of the Key Vault the key exists in. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## CLI

The following table lists the available options when exporting a Certificate from a Key Vault in GoAnywhere Command using the exportCertificate command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportCertificate -certificateOutputFile "C:\users\kharris\trustedCertificates.crt"
-keyName trustedCertificate -exportType headCertificate
```

Parameter Name	Description	Required?	Default Value
keyName	The name of the key to export.	Yes	None
exportType	The type of file to export. Valid values are headCertificate, certificateChain, and privateKey.  <div> <b>NOTE:</b>            Private keys and certificates exported in BCFIPS mode are saved with a .bcfks extension (Bouncy Castle FIPS format). Use the Java Keytool included with Java or third-party software like KeyStore Explorer to convert BCFKS files to PKCS12 after exporting.         </div>	Yes	None
keyPassword	A password to secure the private key. Used when export type is privateKey.	No	None
certificateOutputFile	The file name and location where the certificate file will be saved.	Yes	None
domain	The name of the Domain if the user is authorized to more than one Domain.	No	None
keyVault	The name of the Key Vault the key exists in. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## Export Cloud Connector

Export a Cloud Connector to an XML file using the exportCloudConnector command.

# REST

## Method & URL

GET http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/cloudConnectors/[cloudConnectorName]

## Response Body Sample

```
<?xml version="1.0" encoding="UTF-8" ?>
<service name="new Connector"
version="2.0"><action name= "Copy">
  <restGet uri="https://www.example.com" url="{url}"
  authType="Basic" user="{user}" password="{password}"
  passwordIsEncrypted="true" keyLocation="KeyVault"
  version="1.0" />
</action>
<tfInputVar label="User Name" variableName="user" />
<pInputVar label="Password" variableName="password" />
<tfInputVar label="URL" variableName="url" />
</service>
```

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportCloudConnector>
      <cloudConnectorName>Jira Cloud Connector</cloudConnectorName>
    </web:exportCloudConnector>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:exportCloudConnectorResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <outputFile>PD94bWwgdmV...</outputFile>
    </ns2:exportCloudConnectorResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when exporting a Cloud Connector.

Parameter Name	Description	Required?	Default Value
cloudConnectorName	The name of the Cloud Connector to export.	Yes	None

## CLI

The following table lists the available options when exporting a Cloud Connector in GoAnywhere Command using the exportCloudConnector command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportCloudConnector -cloudConnectorName "Jira Cloud Connector"
-cloudConnectorOutputFile "C:\CloudConnectors\JiraCloudConnector.xml"
```

Parameter Name	Description	Required?	Default Value
cloudConnectorName	The name of the Cloud Connector to export.	Yes	None
cloudConnectorOutputFile	The location where the Cloud Connector XML will be saved.	Yes	None

# Export Monitor

Export a Monitor to an XML file using the exportMonitor command.

## REST

### Method & URL

```
GET http://[server URL]:[port]/goanywhere/rest/gacmd/v1/monitors/
[monitorType]/[monitorName]
```

### Response Body Sample

```
<?xml version="1.0" encoding="UTF-8" ?>
<monitor class="com.linoma.dpa.commandcenter.codec.MonitorVOCodec">
  <status>I</status>
  <actionType>0</actionType>
  <triggerDefinition>DWI 0000 2359 1 M 2,3,4,5,6</triggerDefinition>
```

```

<description></description>
<name>ExportMonitor</name>
<monitorType>0</monitorType>
<domain>Default</domain>
  <callProject runPriority="5" onFailureAttachJobLog="false"
onSuccessAttachJobLog="false"
    project="/Transactions/Bank Files" user="admin" password="R2czGWrj3rb66id1JZwYDA=="
    passwordIsEncrypted="true">
  <variable value="{monitor.fileList}" name="files" />
</callProject>
<fileMonitorDefinition>
  <useFileLocks>true</useFileLocks>
  <folder>C:\Temp</folder>
  <recursive>false</recursive>
  <dualListDelay>10</dualListDelay>
  <stopChecking>false</stopChecking>
  <events>
    <event type="createdOrModified" />
  </events>
  <filters>
    <wildcardFilter>
      <include pattern="*" caseSensitive="false" />
    </wildcardFilter>
  </filters>

```

## SOAP

### Envelope Sample

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportMonitor>
      <monitorName>Trading Partner FTP</monitorName>
      <monitorType>ftp</monitorType>
    </web:exportMonitor>
  </soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:exportMonitorResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>PD94bWwgdmV...</result>
    </ns2:exportMonitorResponse>
  </S:Body>
</S:Envelope>

```

The following table lists the available options when exporting a Monitor.

Parameter Name	Description	Required?	Default Value
monitorName	The name of the Monitor to export.	Yes	None
monitorType	The type of Monitor (file, ftp, ftps, sftp).	Yes	None

## CLI

The following table lists the available options when exporting a Monitor in GoAnywhere Command using the exportMonitor command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportMonitor -monitorName "Trading Partner FTP" -monitorType "ftp"
-monitorOutputFile "C:\monitors\TradingPartnerFTP.xml"
```

Parameter Name	Description	Required?	Default Value
monitorName	The name of the Monitor to export.	Yes	None
monitorType	The type of Monitor (file, ftp, ftps, sftp).	Yes	None
monitorOutputFile	The location where the Monitor XML will be saved.	Yes	None

## Export PGP Key

Export a PGP Key from a Key Vault.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/kms/pgpkeys`

### Body Sample:

```
{
  "exportParameters" :
  {
```



```
    "keyName": "myPGPKey",
    "keyVault": "My Vault",
    "keyType": "keyPair",
    "domain": "Chicago Campus"
  }
}
```

### Response Body Sample

The response body will be Base64 encoded.

```
Q0sBFpFGJIBCA...
```

## SOAP

### Envelope Sample

```
<soapenv:Envelope
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportPGPKey>
      <keyName>myPGPKey</keyName>
      <keyVault>My Vault</keyVault>
      <keyType>keyPair</keyType>
      <domain>Chicago Campus</domain>
    </web:exportPGPKey>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

The response body will be Base64 encoded.

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:exportPGPKeyResponse
      xmlns:ns2="http://webservice.goanywhere.com/">
      <outputFile>PD94bWw...</outputFile>
    </ns2:exportPGPKeyResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when exporting a PGP Key from a Key Vault.

Parameter Name	Description	Required?	Default Value
keyName	The name of the key to export.	Yes	None
keyType	The type of file to export. Valid values are public and keyPair.	Yes	None
domain	The name of the Domain if the user is authorized to more than one Domain.	No	None
keyVault	The name of the Key Vault the key exists in. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## CLI

The following table lists the available options when exporting a PGP Key from a Key Vault in GoAnywhere Command using the exportPGPKey command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportPGPKey -keyType public -ascOutputFile
"C:\users\kharris\temp\pubring.asc" -keyName trading_partner.pkr
```

Parameter Name	Description	Required?	Default Value
keyName	The name of the key to export.	Yes	None
keyType	The type of file to export. Valid values are public and keyPair.	Yes	None
ascOutputFile	The file name and location where the PGP key file will be saved.	Yes	None
domain	The name of the Domain if the user is authorized to more than one Domain.	No	None
keyVault	The name of the Key Vault the key exists in. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## Export Project

Export a Project to an XML file using the exportProject command.

# REST

## Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/projects`

## REST Body Sample:

```
{
  "exportParameters" :
  {
    "project": "Demo/Test",
    "domain": "Chicago Campus"
  }
}
```

## Response Body Sample

```
<?xml version="1.0" encoding="UTF-8"?>
<project name="Project Success" mainModule="Main" version="2.0" logLevel="verbose">

  <module name="Main">

    <print version="1.0">
      <![CDATA[The project executed successfully. ]]>
    </print>

  </module>

</project>
```

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportProject>
      <project>/Demo/Test</project>
      <domain>Chicago Campus</domain>
    </web:exportProject>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?><S:Envelope
xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
```

```
<S:Body><ns2:exportProjectResponse xmlns:ns2="http://webservice.goanywhere.com/">
<outputFile>PD94bWwg...</outputFile></ns2:exportProjectResponse></S:Body></S:Envelope>
```

The following table lists the available options when exporting a Project.

Parameter Name	Description	Required?	Default Value
project	The Project location and Project name. e.g. "/Demo/Test" denotes a project named 'Test' located in the folder named 'Demo.'	Yes	None
domain	The name of the Domain the Project belongs to. This field is optional if the user belongs to a single Domain.	No	None

## CLI

The following table lists the available options when exporting a Project in GoAnywhere Command using the exportProject command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportProject -project "/Demo/Test" -projectOutputfile "C:\temp\test.xml" -
domain "Chicago Campus"
```

Parameter Name	Description	Required?	Default Value
project	The Project location and Project name. e.g. "/Demo/Test" denotes a project named 'Test' located in the folder named 'Demo.'	Yes	None
projectOutputFile	The file name and location where the Project XML will be saved.	Yes	None
domain	The name of the Domain the Project belongs to. This field is optional if the user belongs to a single Domain.	No	None

## Export Resource

Export a Resource to an XML file using the exportResource command.

# REST

## Method & URL

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/resources/[resourceType]/[resourceName]`

## Response Body Sample

```
<?xml version="1.0" encoding="UTF-8" ?>
<resource class="com.linoma.ga.projects.resources.FTPResource">
  <primaryContactName>Kathy Harris</primaryContactName>
  <primaryContactPhone>402.551.5551</primaryContactPhone>
  <primaryContactEmail>kharris@example.com</primaryContactEmail>
  <secondaryContactName>Joe Guy</secondaryContactName>
  <secondaryContactPhone>402.412.5551</secondaryContactPhone>
  <secondaryContactEmail>jguy@example.com</secondaryContactEmail>
  <resourceName>MyFTP</resourceName>
  <domainName>Default</domainName>
  <resourceDescription />
  <host>10.5.5.33</host>
  <port>9000</port>
  <user>admin</user>
  <password>R2czGWrj3rb66id1JZwYDA==</password>
  <passwordIsEncrypted>true</passwordIsEncrypted>
  <passwordIsRecoverable>false</passwordIsRecoverable>
  <passive>false</passive>
  <dataConnectionStartPort>3000</dataConnectionStartPort>
  <dataConnectionEndPort>4000</dataConnectionEndPort>
  <timeout>30</timeout>
  <connectionRetryAttempts>5</connectionRetryAttempts>
  <connectionRetryInterval>10</connectionRetryInterval>
  <initialRemoteDirectory />
  <controlEncoding />
  <throttleBandwidth>false</throttleBandwidth>
  <listParser>windows</listParser>
  <dateFormat>mm/dd/yyyy</dateFormat>
  <recentDateFormat>mm/dd/yyyy</recentDateFormat>
  <proxyType>http</proxyType>
  <proxyHost>12.5.6.23</proxyHost>
  <alternateProxyHost>12.5.6.24</alternateProxyHost>
  <proxyPort>8000</proxyPort>
  <proxyUser>admin</proxyUser>
  <proxyPassword>R2czGWrj3rb66id1JZwYDA==</proxyPassword>
  <proxyPasswordIsEncrypted>true</proxyPasswordIsEncrypted>
  <proxyPasswordIsRecoverable>false</proxyPasswordIsRecoverable>
  <resolveAtProxy>false</resolveAtProxy>
</resource>
```

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportResource>
      <resourceType>ftp</resourceType>
      <resourceName>Trading Partner FTP</resourceName>
    </web:exportResource>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?><S:Envelope
xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:exportResourceResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <outputFile>PD94bWwgdmVyc...</outputFile>
    </ns2:exportResourceResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when exporting a Resource.

Parameter Name	Description	Required?	Default Value
resourceType	<p>The type of Resource to export. Valid values are:</p> <div> <ul style="list-style-type: none"> <li>• as2</li> <li>• as400</li> <li>• azureblob</li> <li>• cc</li> <li>• database</li> <li>• ftp</li> <li>• ftps</li> <li>• gamft</li> <li>• ghttps</li> <li>• gofast</li> <li>• http</li> <li>• https</li> <li>• icap</li> <li>• mailbox</li> <li>• mq</li> <li>• pgpKeyRing</li> <li>• rest</li> <li>• s3</li> <li>• smb</li> <li>• snmp</li> <li>• smtp</li> <li>• soap</li> <li>• ssh</li> <li>• webdav</li> </ul> </div>	Yes	None
resourceName	The name of the Resource to export.	Yes	None

## CLI

The following table lists the available options when exporting a Resource in GoAnywhere Command using the exportResource command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportResource -resourceType "ftp" -resourceName "Trading Partner FTP"
-resourceOutputFile "C:\resources\TradingPartnerFTP.xml"
```

Parameter Name	Description	Required?	Default Value
resourceType	<p>The type of Resource to export. Valid values are:</p> <ul style="list-style-type: none"> <li>• azureblob</li> <li>• as2</li> <li>• as400</li> <li>• cc</li> <li>• database</li> <li>• ftp</li> <li>• ftps</li> <li>• gamft</li> <li>• ghttps</li> <li>• gofast</li> <li>• http</li> <li>• https</li> <li>• icap</li> <li>• mailbox</li> <li>• mq</li> <li>• pgpKeyRing</li> <li>• rest</li> <li>• s3</li> <li>• smb</li> <li>• snmp</li> <li>• smtp</li> <li>• soap</li> <li>• ssh</li> <li>• webdav</li> </ul>	Yes	None
resourceName	The name of the Resource to export.	Yes	None
resourceOutputFile	The location where the Resource XML will be saved.	Yes	None

## Export Schedule

Export a Schedule to an XML file using the Export Schedule command.

### REST

#### Method & URL

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/schedules/[scheduleName]`

#### Response Body Sample

```
<?xml version="1.0" encoding="UTF-8" ?>
<scheduledJob class="com.linoma.dpa.commandcenter.codec.ScheduledJobV0Codec">
  <password>R2czGWrj3rb66id1JZwYDA==</password>
  <name>Daily Transfers</name>
  <triggerDefinition>DLY 20170522 1600 1</triggerDefinition>
```



```
<domain>Default</domain>
<description></description>
<onSuccessAttachJobLog>false</onSuccessAttachJobLog>
<onFailureAttachJobLog>false</onFailureAttachJobLog>
<calendarName></calendarName>
<triggerState>I</triggerState>
<runUser>root</runUser>
<runPriority>5</runPriority>
<projectLocation>/Projects/Daily Transfer</projectLocation>
<onSuccessEmails></onSuccessEmails>
<onFailureEmails></onFailureEmails>
<queuePriority>5</queuePriority>
<passwordIsEncrypted>true</passwordIsEncrypted>
<jobName></jobName>
<jobQueue></jobQueue>
<jobData />
</scheduledJob>
```

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportSchedule>
      <scheduleName>Daily Transfer</scheduleName>
    </web:exportSchedule>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:exportScheduleResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <outputFile>PD94bWwgdmV...</outputFile>
    </ns2:exportScheduleResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when exporting a Schedule.

Parameter Name	Description	Required?	Default Value
scheduleName	The name of the Schedule to export.	Yes	None

## CLI

The following table lists the available options when exporting a Schedule in GoAnywhere Command using the Export Schedule command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportSchedule -scheduleName "Daily Transfer" -scheduleOutputFile
"C:\schedules\DailyTransfer.xml"
```

Parameter Name	Description	Required?	Default Value
scheduleName	The name of the Schedule to export.	Yes	None
scheduleOutputFile	The location where the Schedule XML will be saved.	Yes	None

## Export Secure Form

Export a Secure Form to an XML file using the Export Form command.

## REST

### Method & URL

```
GET http://[server URL]:[port]/goanywhere/rest/gacmd/v1/forms/
[secureFormName]
```

### Response Body Sample

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<secureForm>
  <name>test</name>
  <description/>
  <type>1</type>
  <domain>Default</domain>
  <title>Ballot</title>
  <instructions>Take this test.</instructions>
  <status>I</status>
  <publicAccess>true</publicAccess>
  <publicURL>2016ballot</publicURL>
  <includeBranding>true</includeBranding>
  <redirectOnSuccess>false</redirectOnSuccess>
  <redirectOnSuccessURL/>
  <createdBy>root</createdBy>
  <createdOn>1489181481000</createdOn>
  <modifiedBy>root</modifiedBy>
```

```

<modifiedOn>1489181523000</modifiedOn>
<projectLocation>/Call Agent Project</projectLocation>
<runUser>root</runUser>
<userPassword>goanywhere</userPassword>
<jobName/>
<componentSequence>6</componentSequence>
<componentVersion>1</componentVersion>
<webClientEnabled>true</webClientEnabled>
<soapEnabled>true</soapEnabled>
<restEnabled>true</restEnabled>
<allowEmbeddingFrom>0</allowEmbeddingFrom>
<webGroups/>
<webUsers/>
<components>
<row id="1002-0">
<column id="1002-1">
<textfield autoComplete="true" defaultValue="" id="1002-2" label="test"
  placeholder=""required="false" showToolTip="mouseenter" tooltip=""
  variableName="test" width="50"/>
</column>
</row>
<row id="1002-3">
<column id="1002-4">
<textfield autoComplete="true" defaultValue="test 2" id="1002-5"
  label="test 2" placeholder=""required="false" showToolTip="mouseenter"
  tooltip="" variableName="test 2" width="50"/>
</column>
</row>
</components>
</secureForm>

```

## SOAP

### Envelope Sample

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportSecureForm>
      <secureFormName>Daily Transfer</secureFormName>
    </web:exportSecureForm>
  </soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body><ns2:exportSecureFormResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>PD94bWwg...</result>
</ns2:exportSecureFormResponse>
</S:Body>
</S:Envelope>

```

The following table lists the available options when exporting a Secure Form.

Parameter Name	Description	Required?	Default Value
secureFormName	The name of the Secure Form to export.	Yes	None

## CLI

The following table lists the available options when exporting a Secure Form in GoAnywhere Command using the exportSecureForm command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportSecureForm -secureFormName "Ballot" -secureFormOutputFile
"C:\secureForms\Ballot.xml"
```

The following table lists the available options when exporting a Secure Form:

Parameter Name	Description	Required?	Default Value
secureFormName	The name of the Secure Form to export.	Yes	None
secureFormOutputFile	The location where the Secure Form XML will be saved.	Yes	None

# Export SSH Key

Export a SSH Key from a Key Vault.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/kms/sshkeys`

### Body Sample:

```
{
  "exportParameters" :
  {
    "keyName": "myRSAKey",
    "keyVault": "My Vault",
  }
}
```

```
    "keyType": "public",  
    "domain": "Chicago Campus"  
  }  
}
```

### Response Body Sample

The response body will be Base64 encoded.

```
AAAAB3NzaC1yc2EA...
```

## SOAP

### Envelope Sample

```
<soapenv:Envelope  
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
  xmlns:web="http://webservice.goanywhere.com/">  
  <soapenv:Header/>  
  <soapenv:Body>  
    <web:exportSSHKey>  
      <keyName>myRSAKey</keyName>  
      <keyVault>My Vault</keyVault>  
      <keyType>public</keyType>  
      <domain>Chicago Campus</domain>  
    </web:exportSSHKey>  
  </soapenv:Body>  
</soapenv:Envelope>
```

### Response Body Sample

The response body will be Base64 encoded.

```
<?xml version='1.0' encoding='UTF-8'?>  
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">  
  <S:Body>  
    <ns2:exportSSHKeyResponse  
      xmlns:ns2="http://webservice.goanywhere.com/">  
      <outputFile>PD94bWw...</outputFile>  
    </ns2:exportSSHKeyResponse>  
  </S:Body>  
</S:Envelope>
```

The following table lists the available options when exporting a SSH Key from a Key Vault.

Parameter Name	Description	Required?	Default Value
keyName	The name of the key to export.	Yes	None

Parameter Name	Description	Required?	Default Value
keyType	The type of SSH key, either public or private.	Yes	None
format	The output format of a public key. Valid values are openSSH and secureShell	No	openSSH
domain	The name of the Domain if the user is authorized to more than one Domain.	No	None
keyVault	The name of the Key Vault the key exists in. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## CLI

The following table lists the available options when exporting a SSH Key from a Key Vault in GoAnywhere Command using the exportSSHKey command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportSSHKey -keyOutputFile "C:\users\kharris\temp\tradingPartner.pub"
-keyName tradingPartner -keyType private
```

Parameter Name	Description	Required?	Default Value
keyName	The name of the key to export.	Yes	None
keyType	The type of SSH key, either public or private.	Yes	None
format	The output format of a public key. Valid values are openSSH and secureShell	No	openSSH
keyOutputFile	The file name and location where the key file will be saved.	Yes	None
domain	The name of the Domain if the user is authorized to more than one Domain.	No	None
keyVault	The name of the Key Vault the key exists in. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

# Export Trigger

Export a Trigger to an XML file using the exportTrigger command.

## REST

### Method & URL

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/triggers/[eventType]/[triggerName]`

### Response Body Sample

```
<?xml version="1.0" encoding="UTF-8" ?>
<triggers class="com.linoma.dpa.commandcenter.codec.TriggerV0ListCodec">
  <trigger>
    <name>Auto-Delete</name>
    <status>A</status>
    <domain>Default</domain>
    <description></description>
    <eventTypeID>122</eventTypeID>
    <stopProcessing>true</stopProcessing>
    <service>0</service>
    <action>
      <xml><?xml version="1.0" encoding="UTF-8" ?>
      <callLocalProject passwordIsEncrypted="true" project="
      /Customer Projects/Auto Delete" user="root" password="
      R2czGWrj3rb66id1JZwYDA==" />
      </xml>
      <type>6</type>
    </action>
    <conditions>
      <condition>
        <expressionId>100</expressionId>
        <closeParen></closeParen>
        <attributeId>111</attributeId>
        <openParen></openParen>
        <operand></operand>
        <value>C:\Users\KHarris\Documents\CustomerStatements</value>
      </condition>
    </conditions>
  </trigger>
</triggers>
```

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
```

```
<web:exportTrigger>
  <triggerName>Upload Failed</triggerName>
  <eventType>upload_failed</eventType>
</web:exportTrigger>
</soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:exportTriggerResponse xmlns:ns2="http://webservice.goanywhere.com/">
<outputFile>PD94bWwgd...</outputFile>
</ns2:exportTriggerResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when exporting a Trigger.

Parameter Name	Description	Required?	Default Value
triggerName	The name of the Trigger to export.	Yes	None
eventType	The event type of the Trigger. Valid values are found on the next table.		



## Event Types

- account\_disabled
- as2\_mdn\_receive\_failed
- as2\_mdn\_receive\_successful
- as2\_message\_receive\_failed
- as2\_message\_receive\_successful
- before\_as2\_mdn\_send
- before\_godrive\_upload
- before\_secure\_mail\_send
- change\_password\_failed
- change\_password\_successful
- checksum\_failed
- checksum\_successful
- connect
- connection\_rejected
- create\_folder\_failed
- create\_folder\_successful
- delete\_file\_failed
- delete\_file\_successful
- delete\_folder\_failed
- delete\_folder\_successful
- disconnect
- download\_failed
- download\_successful
- invitation\_failed
- invitation\_successful
- ip\_address\_blacklisted
- login\_failed
- login\_successful
- registration\_failed
- registration\_successful
- rename\_file\_failed
- rename\_file\_successful
- rename\_folder\_failed
- rename\_folder\_successful
- upload\_failed
- upload\_successful

## CLI

The following table lists the available options when exporting a Trigger in GoAnywhere Command using the exportTrigger command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportTrigger -triggerName "Upload Failed" -eventType "upload_failed"
-triggerOutputFile "C:\triggers\uploadFailed.xml"
```

Parameter Name	Description	Required?	Default Value
triggerName	The name of the Trigger to export.	Yes	None
eventType	The event type of the Trigger. Valid values are found on the next table.		

Parameter Name	Description	Required?	Default Value
triggerOutputFile	The location where the Trigger XML will be saved.	Yes	None

#### Valid eventType Values:

- account\_disabled
- as2\_mdn\_receive\_failed
- as2\_mdn\_receive\_successful
- as2\_message\_receive\_failed
- as2\_message\_receive\_successful
- before\_as2\_mdn\_send
- before\_godrive\_upload
- before\_secure\_mail\_send
- change\_password\_failed
- change\_password\_successful
- checksum\_failed
- checksum\_successful
- connect
- connection\_rejected
- create\_folder\_failed
- create\_folder\_successful
- delete\_file\_failed
- delete\_file\_successful
- delete\_folder\_failed
- delete\_folder\_successful
- disconnect
- download\_failed
- download\_successful
- invitation\_failed
- invitation\_successful
- ip\_address\_blacklisted
- login\_failed
- login\_successful
- registration\_failed
- registration\_successful
- rename\_file\_failed
- rename\_file\_successful
- rename\_folder\_failed
- rename\_folder\_successful
- upload\_failed
- upload\_successful

# Get Job Log

Download a job log using the `getJobLog` command.

## REST

### Method & URL

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/jobs/[jobId]`

### Response Body Sample

```
8/7/17 10:14:46 AM    INFO    Start Date and Time: 8/7/17 10:14:46 AM
8/7/17 10:14:46 AM    INFO    Job Number: 1000000002267
8/7/17 10:14:46 AM    INFO    Project Name: /SOAP API/Export Project
8/7/17 10:14:46 AM    INFO    Submitted By: root
8/7/17 10:14:46 AM    INFO    Submitted From: Administrator UI
8/7/17 10:14:46 AM    INFO    GoAnywhere 5.5.3 running on Windows 8 6.2 (amd64)
8/7/17 10:14:46 AM    INFO    Executing project 'Export Project'
8/7/17 10:14:46 AM    INFO    Project location: W:\gamft\userdata\projects\SOAP
API\Export Project.xml
8/7/17 10:14:46 AM    INFO    Executing module 'Main'
8/7/17 10:14:46 AM    INFO    Executing task 'soap 1.0'
8/7/17 10:14:46 AM    INFO    Saving response body to file 'C:\Temp\SOAP_Response.dat'
8/7/17 10:14:46 AM    WARN    Overwriting the output file 'C:\Temp\SOAP_Response.dat'
8/7/17 10:14:46 AM    INFO    SOAP request to
'http://localhost:9000/goanywhere/soap/gacmd/v1/GoAnywhereCommand'
completed successfully. 200 OK.
8/7/17 10:14:46 AM    INFO    Finished task 'soap 1.0'
8/7/17 10:14:46 AM    INFO    Finished module 'Main'
8/7/17 10:14:46 AM    INFO    Finished project 'Export Project'
8/7/17 10:14:46 AM    INFO    End Date and Time: 8/7/17 10:14:46 AM
```

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:getJobLog>
      <jobId>1347033630762</jobId>
    </web:getJobLog>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:getJobLogResponse xmlns:ns2="http://webservice.goanywhere.com/">
<outputFile>OC83LzE3I...</outputFile>
</ns2:getJobLogResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when using the `getJobLog` command.

Parameter Name	Description	Required?	Default Value
jobId	The jobId is a unique job number given to each project at runtime. The jobId's are sequential and reflect the order in which jobs are started.	Yes	None

## CLI

The following table lists the available options when using the `getJobLog` command in GoAnywhere Command using the `getJobLog` command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command getJobLog -jobId 1347033630762 -jobLogOutputFile "C:\temp\Joblog.txt"
```

Parameter Name	Description	Required?	Default Value
jobId	The jobId is a unique job number given to each project at runtime. The jobId's are sequential and reflect the order in which jobs are started.	Yes	None
jobLogOutputFile	The location where the job log file will be saved.	No	None

# Get Job Status

Get a job status code and message using the `getJobStatus` command. The job can be in the following status: Q (queued), A (active), P (paused), S (successful), F (failed), or C (canceled).

**NOTE:**

The `getJobStatus` command is supported in GoAnywhere MFT version 6.4.0 and later.

## REST

### Method & URL

```
GET http://[server URL]:[port]/goanywhere/rest/gacmd/v1/jobs/[jobId]/status[?jobStatusFormat=[jobStatusFormat]]
```

### Response Body Sample

```
{
  "jobStatusCode": "S",
  "jobStatusMessage": "Successful"
}
```

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:getJobStatus>
      <jobId>1000000008041</jobId>
      <jobStatusFormat>XML</jobStatusFormat>
    </web:getJobStatus>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:getJobStatusResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result><?xml version="1.0" encoding="UTF-8" standalone="yes"?>
        <jobStatus>
          <jobStatusCode>S</jobStatusCode>
          <jobStatusMessage>Successful</jobStatusMessage>
        </jobStatus>
      </result>
    </ns2:getJobStatusResponse>
  </S:Body>
</S:Envelope>
```

```
</jobStatus>
</result>
</ns2:getJobStatusResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when using the `getJobStatus` command.

Parameter Name	Description	Required?	Default Value
<code>jobId</code>	The <code>jobId</code> is a unique job number given to each project at runtime. The <code>jobId</code> 's are sequential and reflect the order in which jobs are started.	Yes	None
<code>jobStatusFormat</code>	The output response format for job status and job status message. Valid values are TEXT, JSON, and XML	No	<b>REST Default Value:</b> JSON  <b>SOAP Default Value:</b> XML

## CLI

The following table lists the available options for the `getJobStatus` command in GoAnywhere Command. The job can be in the following status: Q (queued), A (active), P (paused), S (successful), F (failed), or C (canceled). The following table lists the available options when using the `getJobStatus` command.

**NOTE:**

The `getJobStatus` command is supported in GoAnywhere MFT version 6.4.0 and later.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command getJobStatus -jobId 1347033630762 -jobStatusFormat TEXT -responseoutputfile
"c:\temp\jobStatusResponse.txt"
```

Parameter Name	Description	Required?	Default Value
jobId	The jobId is a unique job number given to each project at runtime. The jobId's are sequential and reflect the order in which jobs are started.	Yes	None
jobStatusFormat	The output response format for job status and job status message. Valid values are TEXT, JSON, and XML	No	TEXT

# Import Certificate

Import a Certificate from a CERT, BCFKS, JKS, PEM, or PKCS12 file into a Key Vault.

## REST

### Method & URL

POST `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/kms/certificates`

### Body Sample:

```
{
  "importParameters" :
  {
    "keyName": "myCert",
    "keyVault": "My Vault",
    "fileFormat": "certificate",
    "file": "Z29hbnl3aGVyZQ==",
    "domain": "Chicago Campus"
  }
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
```

```

<soapenv:Header/>
<soapenv:Body>
  <web:importCertificate>
    <keyName>myCert</keyName>
    <keyVault>My Vault</keyVault>
    <inputFile>Z29hbnl3aGVyZQ==</inputFile>
    <domain>Chicago Campus</domain>
  </web:importCertificate>
</soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
  <ns2:importCertificateResponse
    xmlns:ns2="http://webservice.goanywhere.com/">
    <result>Certificate 'myCert' was imported successfully</result>
  </ns2:importCertificateResponse>
</S:Body>
</S:Envelope>

```

The following table lists the available options when importing a Certificate into a Key Vault.

Parameter Name	Description	Required?	Default Value
keyName	The alias to assign to the certificate. The name must not already exist in the Key Vault.	No	None
fileFormat	The file format of the file being imported. Allowed values are certificate, bcfs, jks, pem, or pkcs12.	No	Certificate
file(REST)	Base64 encoded content of the file.	Yes	None
inputFile(SOAP)	To attach a file to SOAP request, view the Attaching Files to SOAP Requests topic for more information.	Yes	None
keyTypes	The type of key to import. Valid values are certificate, keyPair, or both.	No	None
keyPassword	The password for the key(s).	No	None
storeKeyPassword	Choose whether or not to store the password associated with the private key. Valid values are True or False.	No	True



Parameter Name	Description	Required?	Default Value
domain	The name of the domain if the user is authorized to more than one domain.	No	None
keyVault	The name of the Key Vault to insert the imported key. If not specified, the default Key Vault assigned to the domain will be used.	No	None

## CLI

The following table lists the available options when importing a Certificate into a Key Vault in GoAnywhere Command using the importCertificate command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importCertificate -file "C:\gamft\userdata\keys\x509\trustedCertificates.cert" -
keyName trustedCertificate -domain PROD01
```

Parameter Name	Description	Required?	Default Value
keyName	The alias to assign to the certificate. The name must not already exist in the Key Vault.	No	None
fileFormat	The file format of the file being imported. Allowed values are certificate, bcfks, jks, pem, or pkcs12.	No	Certificate
file	The full path to the file you are importing. The input file must exist on the system where the GoAnywhere Command installation resides. The file is passed to GoAnywhere for importing.	Yes	None
keyTypes	Used for importing a .jks. The key types to import from the key store. Valid values are certificates, keyPairs, or both.	No	None
keyPassword	The password for the key(s).	No	None

Parameter Name	Description	Required?	Default Value
storeKeyPassword	Choose whether or not to store the password associated with the private key. Valid values are True or False.	No	True
domain	The name of the Domain if the user is authorized to more than one Domain.	No	None
keyVault	The name of the Key Vault to insert the imported key. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

# Import Cloud Connector

Import a Cloud Connector from an XML file.

## REST

### Method & URL

POST `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/cloudConnectors`

### Body Sample:

```
{
  "file": "Z29hbnl3aGVyZQ==",
  "replaceConnector": "true"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importCloudConnector>
```

```

    <inputFile>Z29hbnl3aGVyZQ==</inputFile>
    <replaceConnector>true</replaceConnector>
  </web:importCloudConnector>
</soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importCloudConnectorResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>'Jira' successfully imported</result>
    </ns2:importCloudConnectorResponse>
  </S:Body>
</S:Envelope>

```

The following table lists the available options when importing a Cloud Connector.

Parameter Name	Description	Required?	Default Value
addonType	The type of add-on being imported, Cloud Connector or SMS add-on. Valid values are cc and sms.	No	cc
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None
ignoreCompileErrors	Ignore Cloud Connector compilation errors. Valid values are true or false.	No	false
replaceConnector	Replace the Cloud Connector if it exists. Valid values are true or false.	No	false

## CLI

The following table lists the available options when importing a Cloud Connector in GoAnywhere Command using the `importCloudConnector` command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command importCloudConnector -file "C:\CloudConnectors\JiraConnector.XML"  
-ignoreCompileErrors true -replaceConnector true
```

Parameter Name	Description	Required?	Default Value
addonType	The type of add-on being imported, Cloud Connector or SMS add-on. Valid values are cc and sms.	No	cc
file	The absolute path to the location of the Cloud Connector XML file. The input file must exist on the system where the GoAnywhere Command installation resides.	Yes	None
ignoreCompileErrors	Ignore Cloud Connector compilation errors. Valid options are true or false.	No	false
replaceConnector	Replace the Cloud Connector if it exists. Valid options are true or false.	No	false

# Import Monitor

Import a Monitor from an XML file.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/monitors/`

### Body Sample:

```
{
  "file": "Z29hbnl3aGVyZQ==",
  "updateExistingMonitor": "true",
  "domain" : "Chicago Campus"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importMonitor>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
      <updateExistingMonitor>true</updateExistingMonitor>
      <domain>Chicago Campus</domain>
    </web:importMonitor>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importMonitorResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Monitor 'FileMonitor' was imported successfully</result>
    </ns2:importMonitorResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when importing a Monitor.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None
updateExistingMonitor	If a Monitor with the same name exists, update the existing Monitor with the new parameters. Specify true or false.	No	false
domain	The name of the Domain where the Monitor will belong. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when importing a Monitor in GoAnywhere Command using the importMonitor command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importMonitor -file "C:\Monitors\FTPMonitor.XML" -updateExistingMonitor true
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Monitor XML file.	Yes	None
updateExistingMonitor	If a Monitor with the same name exists, update the existing Monitor with the new parameters. Specify true or false.	No	false
domain	The name of the Domain where the Monitor will belong. This field is required when the user is authorized to more than one Domain.	No	None

## Import PGP Key

Import a PGP Key pair or public key into a Key Vault.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/kms/pgpkeys`

### Body Sample:

```
{
  "importParameters" :
  {
    "keyVault": "My Vault",
    "ascFile": "Z29hbnl3aGVyZQ==",
    "domain": "Chicago Campus"
  }
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importPGPKey>
      <keyVault>My Vault</keyVault>
      <ascFile>Z29hbnl3aGVyZQ==</ascFile>
      <domain>Chicago Campus</domain>
    </web:importPGPKey>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importPGPKeyResponse
      xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Key 'myKey' was imported successfully</result>
    </ns2:importPGPKeyResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when importing a PGP Key into a Key Vault.

Parameter Name	Description	Required?	Default Value
ascFile	The Base64 encoded file to import. The input file must exist on the machine where the GoAnywhere Command installation resides. The file is passed to GoAnywhere for importing.	No	None
publicKeyRingFile	The Base64 encoded file to import. The input file must exist on the machine where the GoAnywhere Command installation resides. The file is passed to GoAnywhere for importing.	No	None
secretKeyRingFile	The Base64 encoded file to import. The input file must exist on the machine where the GoAnywhere Command installation resides. The file is passed to GoAnywhere for importing.	No	None
domain	The name of the domain if the user is authorized to more than one domain.	No	None
keyVault	The name of the Key Vault to insert the imported key(s). If not specified, the default Key Vault assigned to the domain will be used.	No	None



## CLI

The following table lists the available options when importing a PGP Key into a Key Vault in GoAnywhere Command using the importPGPKey command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importPGPKey -publicKeyRingFile "C:\gamft\userdata\keys\pgp\pubring.pkr" -
domain PROD01
```

Parameter Name	Description	Required?	Default Value
ascFile	Used when importing an .asc file. The full path to the .asc file you are importing. The input file must exist on the machine where the GoAnywhere Command installation resides. The file is passed to GoAnywhere for importing.	No	None
publicKeyRingFile	The full path to the .pkr file you are importing. The input file must exist on the machine where the GoAnywhere Command installation resides. The file is passed to GoAnywhere for importing.	No	None
secretKeyRingFile	The full path to the .skr file you are importing. The input file must exist on the machine where the GoAnywhere Command installation resides. The file is passed to GoAnywhere for importing.	No	None
domain	The name of the Domain if the user is authorized to more than one Domain.	No	None
keyVault	The name of the Key Vault to insert the imported key(s). If not specified, the default Key Vault assigned to the Domain will be used.	No	None

# Import Project

Import a Project from an XML file by using the importProject command.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/projects

### Body Sample:

```
{
  "importParameters" :
  {
    "file":"Z29hbn13aGVyZQ==",
    "domain":"Chicago Campus",
    "ignoreCompileErrors":"true",
    "replaceProject":"true",
    "createTargetFolder":"false",
    "targetFolder" : "/Incoming"
  }
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importProject>
      <inputFile>Z29hbn13aGVyZQ==</inputFile>
      <targetFolder>/Incoming</targetFolder>
      <replaceProject>true</replaceProject>
      <createTargetFolder>false</createTargetFolder>
      <ignoreCompileErrors>true</ignoreCompileErrors>
      <domain>Chicago Campus</domain>
    </web:importProject>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:exportProjectResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <outputFile>PD94bWw...</outputFile>
    </ns2:exportProjectResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when importing a project.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None
targetFolder	The destination folder for the imported Project.	Yes	None
replaceProject	Replace the Project if it exists. Valid options are true or false.	No	false
createTargetFolder	Create a target folder if it doesn't already exist. Valid options are true or false.	No	false
ignoreCompileErrors	Ignore Project compilation errors.	No	false
domain	The name of the Domain where the Project will belong. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when importing a project in GoAnywhere Command using the importProject command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importProject -file "C:\Temp\ProcessFiles.XML"
-targetFolder "/Incoming" -replaceProject true -domain "Chicago Campus"
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Project XML file.	Yes	None
targetFolder	The destination folder for the imported Project.	Yes	None
replaceProject	Replace the Project if it exists. Valid options are true or false.	No	false
createTargetFolder	Create a target folder if it doesn't already exist. Valid options are true or false.	No	false
ignoreCompileErrors	Ignore Project compilation errors.	No	false
domain	The name of the Domain where the Project will belong. This field is required when the user is authorized to more than one Domain.	No	None

# Import Projects From Zip

Import Projects from a Zip file by using the importProjectsFromZip command.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/projects

### Body Sample:

```
{
  "importZipParameters" :
  {
    "file": "Z29hbnl3aGVyZQ==",
    "domain": "Chicago Campus",
    "ignoreCompileErrors": "true",
    "targetFolder": "/RestFolder",
    "createTargetFolder": "true",
    "maintainDirectoryStructure": "true",
    "overwriteFolderDescription": "true",
    "overwriteDuplicateFolderVariables": "true",
    "replaceProjects": "true"
  }
}
```

## Response Body

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importProjectsFromZip>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
      <targetFolder>/Incoming</targetFolder>
      <createTargetFolder>false</createTargetFolder>
      <ignoreCompileErrors>true</ignoreCompileErrors>
      <domain>Chicago Campus</domain>
      <maintainDirectoryStructure>true</maintainDirectoryStructure>
      <overwriteFolderDescription>true</overwriteFolderDescription>
      <overwriteDuplicateFolderVariables>true</overwriteDuplicate
FolderVariables>
    </web:importProjectsFromZip>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importProjectsFromZipResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>'4' projects were successfully imported to '/Incoming'</result>
    </ns2:importProjectsFromZipResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when importing projects.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None

Parameter Name	Description	Required?	Default Value
targetFolder	The destination folder for the imported Project.	Yes	None
replaceProjects	Replace the Project if it exists. Valid options are true or false.	No	false
createTargetFolder	Create a target folder if it doesn't already exist. Valid options are true or false.	No	false
ignoreCompileErrors	Ignore Project compilation errors.	No	false
maintainDirectoryStructure	Maintain the directory structure. Valid options are true or false.	No	false
overwriteFolderDescription	Overwrite the folder description. Valid options are true or false.	No	false
overwriteDuplicateFolderVariables	Overwrite duplicate folder variables. Valid options are true or false.	No	false
domain	The name of the Domain where the Projects will belong. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when importing projects in GoAnywhere Command using the importProjectsFromZip command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importProjectsFromZip -file "C:\Temp\ProcessFiles.Zip"
-targetFolder "/Incoming" -replaceProjects true -domain "Chicago Campus"
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Project Zip file.	Yes	None
targetFolder	The destination folder for the imported Project.	Yes	None
replaceProjects	Replace the Projects if they exist. Valid options are true or false.	No	false
createTargetFolder	Create a target folder if it doesn't already exist. Valid options are true or false.	No	false
ignoreCompileErrors	Ignore Project compilation errors.	No	false
maintainDirectoryStructure	Maintain the directory structure. Valid options are true or false.	No	false
overwriteFolderDescription	Overwrite the folder description. Valid options are true or false.	No	false
overwriteDuplicateFolderVariables	Overwrite duplicate folder variables. Valid options are true or false.	No	false
domain	The name of the Domain where the Project will belong. This field is required when the user is authorized to more than one Domain.	No	None

# Import Resource

Import a Resource from an XML file. Prior to importing the Resource from a file, you must export the Resource from the source GoAnywhere server.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/resources/`

### Body Sample:

```
{
  "file": "Z29hbnl3aGVyZQ==",
  "replaceResource": "true",
  "domain" : "Chicago Campus"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importResource>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
      <replaceResource>true</replaceResource>
      <domain>Chicago Campus</domain>
    </web:importResource>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importResourceResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Resource 'MyFTP' of type 'ftp' was successfully
imported</result></ns2:importResourceResponse>
    </S:Body>
  </S:Envelope>
```



The following table lists the available options when importing a Resource.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None
replaceResource	Replace the Resource if it exists. Valid options are true or false.	No	false
domain	The name of the Domain where the Resource will belong. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when importing a Resource in GoAnywhere Command using the importResource command. Prior to importing the Resource from a file, you must export the Resource from the source GoAnywhere server.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importResource -file "C:\Archive\database.xml" -replaceResource true
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Resource XML file.	Yes	None
replaceResource	Replace the Resource if it exists. Valid options are true or false.	No	false
domain	The name of the Domain where the Resource will belong. This field is required when the user is authorized to more than one Domain.	No	None

# Import Schedule

Import a Schedule from an XML file. Prior to importing the Schedule from a file, you must export the Schedule from the source GoAnywhere server.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/schedules

### Body Sample:

```
{
  "file": "Z29hbnl3aGVyZQ==",
  "replaceSchedule": "true",
  "domain" : "Chicago Campus"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importSchedule>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
      <replaceSchedule>true</replaceSchedule>
      <domain>Chicago Campus</domain>
    </web:importSchedule>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importScheduleResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Schedule 'StatementFTP' was imported successfully</result>
    </ns2:importScheduleResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when importing a Schedule.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None
replaceSchedule	Replace the Schedule if it exists. Valid options are true or false.	No	false
domain	The name of the Domain where the Schedule will belong. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when importing a Schedule in GoAnywhere Command using the importSchedule command. Prior to importing the Schedule from a file, you must export the Schedule from the source GoAnywhere server.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importSchedule -file "C:\Schedules\DailyTransfers.XML" -replaceSchedule true
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Schedule XML file.	Yes	None
replaceSchedule	Replace the Schedule if it exists. Valid options are true or false.	No	false
domain	The name of the Domain where the Schedule will belong. This field is required when the user is authorized to more than one Domain.	No	None

## Import Secure Form

Import a Secure Form from an XML file. Prior to importing the Secure Form from a file, you must export the Secure Form from the source GoAnywhere server.

# REST

## Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/forms

## Body Sample:

```
{
  "file": "Z29hbnl3aGVyZQ==",
  "replaceSecureForm": "true",
  "ignoreWebUsers": "true",
  "ignoreWebGroups": "true",
  "domain": "default"
}
```

## Response Body

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importSecureForm>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
      <replaceSecureForm>false</replaceSecureForm>
      <ignoreWebUsers>true</ignoreWebUsers>
      <ignoreWebGroups>true</ignoreWebGroups>
      <domain>default</domain>
    </web:importSecureForm>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importSecureFormResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Secure Form 'Survey' added successfully.</result>
    </ns2:importSecureFormResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when importing a Schedule.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None
replaceSecureForm	Replace the Secure Form if it exists. Valid options are true or false.	No	false
ignoreWebUsers	Ignore all Web Users associated with the Secure Form. Valid values are true or false.	No	None
ignoreWebGroups	Ignore all Web User Groups associated with the Secure Form. Valid values are true or false.	No	None
domain	The name of the Domain where the Secure Form will belong. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when importing a Schedule in GoAnywhere Command using the importSecureForm command. Prior to importing the Secure Form from a file, you must export the Secure Form from the source GoAnywhere server.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importSecureForm -file "C:\forms\Ballot" -replaceSecureForm true
-ignoreWebUsers true -ignoreWebGroups true
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Secure Form XML file.	Yes	None
replaceSecureForm	Replace the Secure Form if it exists. Valid options are true or false.	No	false
ignoreWebUsers	Ignore all Web Users associated to this Secure Form. Valid options are true or false.	No	false
ignoreWebGroups	Ignore all Web User Groups associated to this Secure Form. Valid options are true or false.	No	false
domain	The name of the Domain where the Secure Form will belong. This field is required when the user is authorized to more than one Domain.	No	None

## Import SSH Key

Import a public or private SSH Key into a Key Vault.

### REST

#### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/kms/sshkeys`

#### Body Sample:

```
{
  "importParameters" :
  {
    "keyName": "myRSAKey",
    "keyVault": "My Vault",
    "file": "Z29hbnl3aGVyZQ==",
    "keyType" : "public",
    "domain": "Chicago Campus"
  }
}
```

## Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importSSHKey>
      <keyName>myCert</keyName>
      <keyVault>My Vault</keyVault>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
      <keyType>public</keyType>
      <domain>Chicago Campus</domain>
    </web:importSSHKey>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importSSHKeyResponse
      xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Key 'myRSAKey' was imported successfully</result>
    </ns2:importSSHKeyResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when importing a SSH Key into a Key Vault.

Parameter Name	Description	Required?	Default Value
keyName	The name of the specified SSH key.	Yes	None
keyType	The type of SSH key, either public or private.	Yes	None
file(REST)	Base64 encoded content of the file.	Yes	None
inputFile(SOAP)	To attach a file to SOAP request, view the Attaching Files to SOAP Requests topic for more information.	Yes	None
keyPassword	The password associated with the private key.	No	None

Parameter Name	Description	Required?	Default Value
storeKeyPassword	Choose whether or not to store the password associated with the private key. Valid values are True or False.	No	True
domain	The name of the domain if the user is authorized to more than one domain.	No	None
keyVault	The name of the Key Vault where the SSH key will be stored. If not specified, the default Key Vault assigned to the domain will be used.	No	None

## CLI

The following table lists the available options when importing a SSH Key into a Key Vault in GoAnywhere Command using the importSSHKey command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importSSHKey -file "C:\gamft\userdata\keys\SSH\tradingPartner.pub" -keyName
tradingPartner -keyType public -domain PROD01
```

Parameter Name	Description	Required?	Default Value
keyName	The name to assign the key.	Yes	None
keyType	The type of SSH key, either public or private.	Yes	None
file	The full path to the key file you are importing. The input file must exist on the machine where the GoAnywhere Command installation resides. The file is passed to GoAnywhere for importing.	Yes	None
keyPassword	The password associated with the private key.	No	None
storeKeyPassword	Choose whether or not to store the password associated with the private key. Valid values are True or False.	No	True



Parameter Name	Description	Required?	Default Value
domain	The name of the Domain if the user is authorized to more than one Domain.	No	None
keyVault	The name of the Key Vault where the SSH key will be stored. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## Import Trigger

Import a Trigger using an XML file. Prior to importing the Trigger from a file, you must export the Trigger from the source GoAnywhere server.

### REST

#### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/triggers`

#### Body Sample:

```
{
  "file": "Z29hbnl3aGVyZQ==",
  "replaceTrigger": "true",
  "domain": "Chicago Campus"
}
```

#### Response Body

If successful, the response body is empty.

### SOAP

#### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importTrigger>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
      <replaceTrigger>true</replaceTrigger>
      <domain>Chicago Campus</domain>
    </web:importTrigger>
  </soapenv:Body>
</soapenv:Envelope>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:importTriggerResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Trigger 'Auto-Delete' was replaced successfully.</result>
</ns2:importTriggerResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when importing a Trigger.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None
replaceTrigger	Replace the trigger if it exists. Valid options are true or false.	No	false
domain	The name of the Domain where the Trigger will belong. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when importing a Trigger in GoAnywhere Command using the importTrigger command. Prior to importing the Trigger from a file, you must export the Trigger from the source GoAnywhere server.

#### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importTrigger -file "C:\Triggers\EDI_Trigger.XML" -replaceTrigger true
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Trigger XML file.	Yes	None
replaceTrigger	Replace the trigger if it exists. Valid options are true or false.	No	false
domain	The name of the Domain where the Trigger will belong. This field is required when the user is authorized to more than one Domain.	No	None

# Pause Job

Pause a GoAnywhere job using the pauseJob command.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/jobs/[jobId]/pause

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:pauseJob>
      <jobId>1347033630762</jobId>
    </web:pauseJob>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:pauseJobResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Hold request submitted for job 1000000002304</result>
    </ns2:pauseJobResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when pausing a job.

Parameter Name	Description	Required?	Default Value
jobId	The jobId is a unique job number given to each project at runtime. The jobId's are sequential and reflect the order in which jobs are started.	Yes	None

## CLI

The following table lists the available options when pausing a job in GoAnywhere Command using the pauseJob command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command pauseJob -jobId 1347033630762
```

Parameter Name	Description	Required?	Default Value
jobId	The jobId is a unique job number given to each project at runtime. The jobId's are sequential and reflect the order in which jobs are started.	Yes	None

## Promote Cloud Connector

Promote a Cloud Connector from one GoAnywhere server to another GoAnywhere server.

## REST

### Method & URL

```
POST http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/cloudConnectors/  
[cloudConnectorName]/promote
```

### Body Sample:

```
{  
  "targetServer": "http://10.1.4.1:9000/goanywhere",  
  "targetUser" : "root",  
  "targetPassword" : "goanywhere",  
  "replaceConnector" : "true"  
}
```

### Response Body

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:promoteCloudConnector>
      <cloudConnectorName>Jira Cloud Connector</cloudConnectorName>
      <targetServer>http://10.1.4.1:9000/goanywhere</targetServer>
      <targetUser>root</targetUser>
      <targetPassword>goanywhere</targetPassword>
    </web:promoteCloudConnector>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:promoteCloudConnectorResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>'Cloud Connector' named 'Jira Cloud Connector' was promoted
      successfully</result></ns2:promoteCloudConnectorResponse>
    </S:Body>
  </S:Envelope>
```

The following table lists the available options when promoting a Cloud Connector.

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
cloudConnectorName	The name of the Cloud Connector.	Yes	None
replaceConnector	Replace the Cloud Connector on the target server if it exists. Valid values are true or false.	No	None

## CLI

The following table lists the available options when promoting a Cloud Connector in GoAnywhere Command using the `promoteCloudConnector` command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command promoteCloudConnector -targetServer http://10.1.4.2:8000/goanywhere  
-targetUser root -targetPassword goanywhere -cloudConnectorName "Jira Cloud  
Connector" -replaceConnector true
```

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
cloudConnectorName	The name of the Cloud Connector.	Yes	None
replaceConnector	Replace the Cloud Connector on the target server if it exists. Valid options are true or false.	No	false

# Promote Monitor

Promote a Monitor from one GoAnywhere server to another GoAnywhere server.

**NOTE:**

The Project called by the Monitor must already exist on the target server. Use the [Promote Project](#) command to promote the Project.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/monitors/[monitorType]/[monitorName]/promote`

### Body Sample:

```
{
  "updateExistingMonitor":"true",
  "targetDomain": "Chicago Campus",
  "targetUser" : "root",
  "targetPassword" : "goanywhere",
  "targetServer" : "http://10.1.4.1:9000/goanywhere"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:promoteMonitor>
      <targetServer>http://10.1.4.1:9000/goanywhere
    </targetServer>
    <targetUser>root</targetUser>
    <targetPassword>goanywhere</targetPassword>
    <monitorName>FTP Monitor</monitorName>
    <monitorType>ftp</monitorType>
    <updateExistingMonitor>true</updateExistingMonitor>
    <targetDomain>Chicago Campus</targetDomain>
    </web:promoteMonitor>
  </soapenv:Body>
</soapenv:Envelope>
```



## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:promoteMonitorResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>'Monitor' named 'FTP Monitor' was promoted
      successfully</result></ns2:promoteMonitorResponse>
    </S:Body>
  </S:Envelope>
```

The following table lists the available options when promoting a Monitor.

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
monitorName	The name of the Monitor.	Yes	None
monitorType	The type of the Monitor. Valid values are file, ftp, ftps, or sftp.	Yes	None
updateExistingMonitor	If a Monitor with the same name exists, update the existing Monitor with the new parameters. Specify true or false.	No	false
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when promoting a Monitor in GoAnywhere Command using the promoteMonitor command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command promoteMonitor -targetServer http://10.1.4.2:8000/goanywhere -targetUser
root
-targetPassword goanywhere -monitorName "FTP Monitor" -monitorType ftp
```

**-updateExistingMonitor true**

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
monitorName	The name of the Monitor.	Yes	None
monitorType	The type of the Monitor. Valid values are file, ftp, ftps, or sftp.	Yes	None
updateExistingMonitor	If a Monitor with the same name exists, update the existing Monitor with the new parameters. Specify true or false.	No	false
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

# Promote Project

Promote a Project from one GoAnywhere server to another GoAnywhere server.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/projects`

### Body Sample:

```
{
  "promoteParameters" :
  {
    "projectName":"XML to Database",
    "projectFolder":"/Incoming/Database Tasks",
    "domain":"Chicago Campus",
    "createTargetFolder":"false",
    "replaceProject":"true",
    "targetDomain": "New York Campus",
    "targetFolder" : "/Incoming/Database Tasks",
    "targetUser" : "root",
    "targetPassword" : "goanywhere",
    "targetServer" : "http://10.1.4.1:9000/goanywhere"
  }
}
```

## Response Body

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:promoteProject>
      <targetServer>http://10.1.4.1:9000/goanywhere
    </targetServer>
      <targetUser>root</targetUser>
      <targetPassword>goanywhere</targetPassword>
      <projectName>XML to Database</projectName>
      <projectFolder>/Incoming/Database Tasks
    </projectFolder>
      <targetFolder>/Incoming/Database Tasks
    </targetFolder>
      <replaceProject>true</replaceProject>
      <createTargetFolder>false</createTargetFolder>
      <domain>Chicago Campus</domain>
      <targetDomain>New York Campus</targetDomain>
    </web:promoteProject>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:promoteProjectResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>'Project' named 'XML to Database' was promoted successfully</result>
    </ns2:promoteProjectResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when promoting a Project.

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None

Parameter Name	Description	Required?	Default Value
projectName	The name of the Project.	Yes	None
projectFolder	The full path of where the project resides	Yes	None
targetFolder	The full path of the folder where the project will be promoted.	Yes	None
replaceProject	Replace the project on the target server if it already exists. Valid options are true or false.	No	false
createTargetFolder	Will create each folder used in the targetFolder path, if the folder doesn't already exist on the target server. Valid options are true or false.	No	false
domain	The name of the Domain the project belongs to on the local system. This field is optional if the user belongs to only one Domain.	No	None
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when promoting a Project in GoAnywhere Command using the promoteProject command.

### EXAMPLE:

This examples replaces an existing Project.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command promoteProject -targetServer http://10.1.4.2:8000/goanywhere -targetUser  
root  
-targetPassword goanywhere -projectName "XML to Database"  
-projectFolder "/Incoming/Database Tasks" -targetFolder "/Incoming/Database Tasks"  
-replaceProject true
```

### EXAMPLE:

This examples creates a new Project in a new folder.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command promoteProject -targetServer http://10.1.4.2:8000/goanywhere -targetUser  
root  
-targetPassword goanywhere -projectName "XML to Database"
```

```
-projectFolder "/Incoming/Database Tasks" -targetFolder "/Incoming/Database Tasks"
-createTargetFolder true
```

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
projectName	The name of the Project.	Yes	None
projectFolder	The full path of where the project resides	Yes	None
targetFolder	The full path of the folder where the project will be promoted.	Yes	None
replaceProject	Replace the project on the target server if it already exists. Valid options are true or false.	No	false
createTargetFolder	Will create each folder used in the targetFolder path, if the folder doesn't already exist on the target server. Valid options are true or false.	No	false
domain	The name of the Domain the project belongs to on the local system. This field is optional if the user belongs to only one Domain.	No	None
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

# Promote Resource

Promote a Resource from one GoAnywhere server to another GoAnywhere server.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/resources/[resourceType]/[resourceName]/promote

### Body Sample:

```
{
  "replaceResource": "true",
  "targetDomain": "Chicago Campus",
  "targetUser": "root",
  "targetPassword": "goanywhere",
  "targetServer": "http://10.1.4.1:9000/goanywhere"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:promoteResource>
      <targetServer>http://10.1.4.1:9000/goanywhere
      </targetServer>
      <targetUser>root</targetUser>
      <targetPassword>goanywhere
      </targetPassword>
      <resourceName>MySQL</resourceName>
      <resourceType>database</resourceType>
      <replaceResource>true</replaceResource>
      <targetDomain>Chicago Campus
      </targetDomain>
    </web:promoteResource>
  </soapenv:Body>
</soapenv:Envelope>
```

**Response Body Sample**

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:promoteResourceResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>'Resource' named 'MySQL' was promoted successfully</result>
    </ns2:promoteResourceResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when promoting a Resource.

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
resourceName	The name of the Resource.	Yes	None
resourceType	The type of Resource to promote. Valid values are: <div> <ul style="list-style-type: none"> <li>• as2</li> <li>• as400</li> <li>• azureblob</li> <li>• cc</li> <li>• database</li> <li>• ftp</li> <li>• ftps</li> <li>• gamft</li> <li>• ghttps</li> <li>• gofast</li> <li>• http</li> <li>• https</li> <li>• icap</li> <li>• mailbox</li> <li>• mq</li> <li>• pgpKeyRing</li> <li>• rest</li> <li>• s3</li> <li>• smb</li> <li>• snmp</li> <li>• smtp</li> <li>• soap</li> <li>• ssh</li> <li>• webdav</li> </ul> </div>	Yes	None
replaceResource	Replace the Resource if it exists. Valid values are true or false.	No	false



Parameter Name	Description	Required?	Default Value
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when promoting a Resource in GoAnywhere Command using the promoteResource command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command promoteResource -targetServer http://10.1.4.2:8000/goanywhere  
-targetUser root -targetPassword goanywhere -resourceName "MySQL"  
-resourceType database -replaceResource true
```

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
resourceName	The name of the Resource.	Yes	None

Parameter Name	Description	Required?	Default Value
resourceType	<p>The type of Resource to promote. Valid values are:</p> <ul style="list-style-type: none"> <li>• azureblob</li> <li>• as2</li> <li>• as400</li> <li>• cc</li> <li>• database</li> <li>• ftp</li> <li>• ftps</li> <li>• gamft</li> <li>• ghttps</li> <li>• gofast</li> <li>• http</li> <li>• https</li> <li>• icap</li> <li>• mailbox</li> <li>• mq</li> <li>• pgpKeyRing</li> <li>• rest</li> <li>• s3</li> <li>• smb</li> <li>• snmp</li> <li>• smtp</li> <li>• soap</li> <li>• ssh</li> <li>• webdav</li> </ul>	Yes	None
replaceResource	Replace the Resource if it exists. Valid values are true or false.	No	false
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

# Promote Schedule

Promote a Schedule from one GoAnywhere server to another GoAnywhere server.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/schedules/[scheduleName]/promote`

### Body Sample:

```
{
  "replaceSchedule": "true",
  "targetDomain": "Chicago Campus",
  "targetUser": "root",
  "targetPassword": "goanywhere",
  "targetServer": "http://10.1.4.1:9000/goanywhere"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:promoteSchedule>
      <targetServer>http://10.1.4.1:9000/goanywhere
    </targetServer>
    <targetUser>root</targetUser>
    <targetPassword>goanywhere</targetPassword>
    <scheduleName>Daily Transfer</scheduleName>
    <replaceSchedule>true</replaceSchedule>
    <targetDomain>Chicago Campus</targetDomain>
    </web:promoteSchedule>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
```

```
<S:Body>
<ns2:promoteScheduleResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>'Schedule' named 'Daily Transfer' was promoted successfully</result>
</ns2:promoteScheduleResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when promoting a Schedule.

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
scheduleName	The name of the Schedule.	Yes	None
replaceSchedule	Replace the Schedule if it exists. Valid values are true or false.	No	false
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when promoting a Schedule in GoAnywhere Command using the promoteSchedule command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command promoteSchedule -targetServer http://10.1.4.2:8000/goanywhere -targetUser
root
-targetPassword goanywhere -scheduleName "Daily Transfer" -replaceSchedule true
```

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None

Parameter Name	Description	Required?	Default Value
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
scheduleName	The name of the Schedule.	Yes	None
replaceSchedule	Replace the Schedule if it exists. Valid values are true or false.	No	false
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

## Promote Secure Form

Promote a Secure Form from one GoAnywhere server to another GoAnywhere server.

### REST

#### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/forms/[secureFormName]/promote`

#### Body Sample:

```
{
  "replaceSecureForm": "true",
  "targetDomain": "Chicago Campus",
  "ignoreWebUsers": "true",
  "ignoreWebGroups": "true",
  "targetUser" : "root",
  "targetPassword" : "goanywhere",
  "targetServer" : "http://10.1.4.1:9000/goanywhere"
}
```

#### Response Body

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:promoteSecureForm>
      <targetServer>http://10.1.4.1:9000/goanywhere
    </targetServer>
    <targetUser>root</targetUser>
    <targetPassword>goanywhere</targetPassword>
    <secureFormName>New Hire Onboarding</secureFormName>
    <replaceSecureForm>true</replaceSecureForm>
    <targetDomain>default</targetDomain>
    <ignoreWebUsers>true</ignoreWebUsers>
    <ignoreWebGroups>true</ignoreWebGroups>
    </web:promoteSecureForm>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body><ns2:promoteSecureFormResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>'Secure Form' named 'New Hire Onboarding' was promoted successfully</result>
</ns2:promoteSecureFormResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when promoting a Schedule.

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
secureFormName	The name of the Secure Form.	Yes	None
replaceSecureForm	Replace the Secure Form if it exists. Valid values are true or false.	No	false

Parameter Name	Description	Required?	Default Value
ignoreWebUsers	Ignore all Web Users associated with the Secure Form. Valid values are true or false.	No	None
ignoreWebGroups	Ignore all Web User Groups associated with the Secure Form. Valid values are true or false.	No	None
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when promoting a Schedule in GoAnywhere Command using the promoteSecureForm command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command promoteSecureForm -targetServer http://10.1.4.2:8000/goanywhere
-targetUser root -targetPassword goanywhere -SecureFormName "Ballot"
-replaceSecureForm true -ignoreWebUsers true -ignoreWebGroups true
```

Parameter Name	Description	Required?	Default Value
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
targetServer	The host name (or IP address) of the target server.	Yes	None
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None
secureFormName	The name of the Secure Form.	Yes	None

Parameter Name	Description	Required?	Default Value
replaceSecureForm	Replace the Secure Form if it exists. Valid values are true or false.	No	false
ignoreWebUsers	Ignore all Web Users associated with the Secure Form.	No	false
ignoreWebGroups	Ignore all Web User Groups associated with the Secure Form.	No	false

## Promote Trigger

Promote a Trigger from one GoAnywhere server to another GoAnywhere server.

### REST

#### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/triggers/[eventType]/[triggerName]/promote`

#### Body Sample

```
{
  "replaceTrigger": "true",
  "targetDomain": "Chicago Campus",
  "targetUser" : "root",
  "targetPassword" : "goanywhere",
  "targetServer" : "http://10.1.4.1:8000/goanywhere"
}
```

#### Response Body

If successful, the response body is empty.

### SOAP

#### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:promoteTrigger>
      <triggerName>Daily Transfers</triggerName>
      <targetServer>http://10.1.4.1:8000/goanywhere
```



```

        </targetServer>
        <targetUser>root</targetUser>
        <targetPassword>goanywhere</targetPassword>
        <eventType>login_failed</eventType>
        <replaceTrigger>true</replaceTrigger>
        <targetDomain>Chicago Campus</targetDomain>
    </web:promoteTrigger>
</soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:promoteTriggerResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>'Trigger' named 'Daily Transfers' was promoted successfully</result>
</ns2:promoteTriggerResponse>
</S:Body>
</S:Envelope>

```

The following table lists the available options when promoting a Trigger.

Parameter Name	Description	Required?	Default Value
triggerName	The name of the Trigger.	Yes	None
targetServer	The host name or IP address of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
eventType	The event type of the trigger. Valid values are found on the next table.	Yes	None
replaceTrigger	Replace the trigger if it exists. Valid options are true or false.	No	false
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

## Event Types

- account\_disabled
- as2\_mdn\_receive\_failed
- as2\_mdn\_receive\_successful
- as2\_message\_receive\_failed
- as2\_message\_receive\_successful
- before\_as2\_mdn\_send
- before\_godrive\_upload
- before\_secure\_mail\_send
- change\_password\_failed
- change\_password\_successful
- checksum\_failed
- checksum\_successful
- connect
- connection\_rejected
- create\_folder\_failed
- create\_folder\_successful
- delete\_file\_failed
- delete\_file\_successful
- delete\_folder\_failed
- delete\_folder\_successful
- disconnect
- download\_failed
- download\_successful
- invitation\_failed
- invitation\_successful
- ip\_address\_blacklisted
- login\_failed
- login\_successful
- registration\_failed
- registration\_successful
- rename\_file\_failed
- rename\_file\_successful
- rename\_folder\_failed
- rename\_folder\_successful
- upload\_failed
- upload\_successful

## CLI

The following table lists the available options when promoting a Trigger in GoAnywhere Command using the promoteTrigger command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command promoteTrigger -targetServer http://10.1.4.2:8000/goanywhere -targetUser root
-targetPassword goanywhere -triggerName "Daily Transfers" -eventType login_failed
-replaceTrigger true
```

Parameter Name	Description	Required?	Default Value
triggerName	The name of the Trigger.	Yes	None
targetServer	The host name or IP address of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None

Parameter Name	Description	Required?	Default Value
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
eventType	The event type of the trigger. Valid values are found on the next table.	Yes	None
replaceTrigger	Replace the trigger if it exists. Valid options are true or false.	No	false
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

#### Valid eventType Values:

- account\_disabled
- as2\_mdn\_receive\_failed
- as2\_mdn\_receive\_successful
- as2\_message\_receive\_failed
- as2\_message\_receive\_successful
- before\_as2\_mdn\_send
- before\_godrive\_upload
- before\_secure\_mail\_send
- change\_password\_failed
- change\_password\_successful
- checksum\_failed
- checksum\_successful
- connect
- connection\_rejected
- create\_folder\_failed
- create\_folder\_successful
- delete\_file\_failed
- delete\_file\_successful
- delete\_folder\_failed
- delete\_folder\_successful
- disconnect
- download\_failed
- download\_successful
- invitation\_failed
- invitation\_successful
- ip\_address\_blacklisted
- login\_failed
- login\_successful
- registration\_failed
- registration\_successful
- rename\_file\_failed
- rename\_file\_successful
- rename\_folder\_failed
- rename\_folder\_successful
- upload\_failed
- upload\_successful

# Resume Job

Resume a paused GoAnywhere job using the resumeJob command.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/jobs/[jobId]/resume`

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:resumeJob>
      <jobId>1347033630762</jobId>
    </web:resumeJob>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:resumeJobResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Release request submitted for job 1000000002304</result>
    </ns2:resumeJobResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when resuming a paused Job.

Parameter Name	Description	Required?	Default Value
jobId	The jobId is a unique job number given to each project at runtime. The jobId's are sequential and reflect the order in which jobs are started.	Yes	None

## CLI

The following table lists the available options when resuming a paused job in GoAnywhere Command using the resumeJob command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command resumeJob -jobId 1347033630762
```

Parameter Name	Description	Required?	Default Value
jobId	The jobId is a unique job number given to each project at runtime. The jobId's are sequential and reflect the order in which jobs are started.	Yes	None

## Run Project

Start a GoAnywhere Project using the runProject command.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/projects`

### Body Sample:

```
{  
  "runParameters" :  
  {  
    "project":"/Data Translation",  
    "domain":"Chicago Campus",  
    "jobName" : "Script Transfer",  
    "jobQueue" : "SFTP",  
    "mode" : "batch",  
    "priority" : 10,  
    "variables" :  
    [  
      {  
        "key" : "CustomerName",  
        "value" : "example"  
      },  
      {  
        "key" : "CustomerLocation",  
        "value" : "Chicago"  
      }  
    ]  
  }  
}
```

```
}
}
```

## Response Body

If successful, the response body will contain the job number of the executed Project.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:runProject>
      <project>Data Translation</project>
      <mode>batch</mode>
      <jobName>Script Transfer</jobName>
      <jobQueue>SFTP</jobQueue>
      <priority>10</priority>
      <variables>
        <!--Zero or more repetitions:-->
        <variable>
          <!--Optional:-->
          <variableName>CustomerName
        </variableName>
        <!--Optional:-->
        <variableValue>example
        </variableValue>
        </variable>
      </variables>
      <domain>Chicago Campus</domain>
    </web:runProject>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:runProjectResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Project 'Script Transfer' submitted for execution</result>
    </ns2:runProjectResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when running a Project.

Parameter Name	Description	Required?	Default Value
project	The Project location and Project name. Each Project name and location is proceeded with a forward slash as shown in the example.	Yes	None
mode	<p>The mode in which to run a Project.</p> <ul style="list-style-type: none"> <li>Batch mode submits the project to a Job Queue. The project will be processed based on its priority in the Queue.</li> <li>Interactive mode will execute the job immediately. The client will wait until the Project finishes running.</li> </ul>	No	interactive
jobName	Specify a name which identifies the Job. This name should be descriptive enough so Admin Users can quickly identify this Job from a report or list. The Job Name cannot exceed 50 characters. Spaces are allowed.	No	None
jobQueue	The Job Queue the Project is placed in when the Job is executed in batch mode. If a Job Queue is not specified in the runProject command, the Job is placed in the Job Queue specified on the Project's Control tab. If a Job Queue is not specified on the Project's Control tab, the Job is placed in the default Job Queue.	No	None
priority	The priority of CPU resource given to the Project. The priority is a value from 1 to 10 (highest)	No	5
variables	A list of variables the Project can use to override any variables specified in the Project.	No	None
domain	The name of the Domain the Project belongs to. This field is optional if the user belongs to a single Domain.	No	None

## CLI

The following table lists the available options when running a Project in GoAnywhere Command using the runProject command.

### EXAMPLE:

This command runs the Project in interactive mode.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command runProject -project /Test
```

### EXAMPLE:

This command runs the Project in batch mode.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command runProject -project /Test -mode batch -jobQueue SFTP -jobName "Script Transfer"
-priority 10 -variables erroremail control@example.com loglocation /logs/errors/ -domain
"Chicago Campus"
```

Parameter Name	Description	Required?	Default Value
project	The Project location and Project name. Each Project name and location is proceeded with a forward slash as shown in the example.	Yes	None
mode	<p>The mode in which to run a Project.</p> <ul style="list-style-type: none"> <li>Batch mode submits the project to a Job Queue. The project will be processed based on its priority in the Queue. The command screen will return "Project '[Project Name] ' submitted for execution" indicating the job was successfully submitted.</li> <li>Interactive mode will execute the job immediately. The client will wait until the Project finishes running, at which point the command screen will return "Project '[Project Name] ' finished with no Errors" indicating the job completed successfully.</li> </ul>	No	interactive



Parameter Name	Description	Required?	Default Value
jobName	Specify a name which identifies the Job. This name should be descriptive enough so Admin Users can quickly identify this Job from a report or list. The Job Name cannot exceed 50 characters. Spaces are allowed.	No	None
jobQueue	The Job Queue the Project is placed in when the Job is executed in batch mode. If a Job Queue is not specified in the runProject command, the Job is placed in the Job Queue specified on the Project's Control tab. If a Job Queue is not specified on the Project's Control tab, the Job is placed in the default Job Queue.	No	None
priority	The priority of CPU resource given to the Project. The priority is a value from 1 to 10 (highest)	No	5
variables	<p>A list of variables the Project can use to override any variables specified in the Project. When using the variables option, use the following syntax: -<b>variables &lt;variable name&gt; &lt;override value&gt;</b></p> <p>For example, a variable named "erroremail" contains the value "admin@example.com," which is used to send an email to admin@example.com if the Project fails. However, if a Project fails and it was started using the runProject command, you may want email notification to go to "control@example.com." For this you would specify -variables erroremail control@example.com</p>	No	None
domain	The name of the Domain the Project belongs to. This field is optional if the user belongs to a single Domain.	No	None

## Run Schedule

Execute a Scheduled Job immediately using the runSchedule command.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/schedules/[scheduleName]/run

### Response Body

If successful, the response body will contain the job number of the executed Schedule.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:runSchedule>
      <scheduleName>Daily Transfer</scheduleName>
    </web:runSchedule>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:runScheduleResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Schedule 'Daily Transfer' was submitted for immediate execution. Job
number is '1000000000506'.</result>
    </ns2:runScheduleResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when running a Project.

Parameter Name	Description	Required?	Default Value
scheduleName	The name of the Schedule to run.	Yes	None

## CLI

The following table lists the available options when running a Schedule in GoAnywhere Command using the runSchedule command.

**EXAMPLE:**

This command runs the Schedule.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command runSchedule -scheduleName Test
```

Parameter Name	Description	Required?	Default Value
scheduleName	The name of the Schedule to run.	Yes	None

# GoAnywhere Web User Commands

The following are the commands available for GoAnywhere Web Users:

## Add Contact

Add a contact to GoAnywhere using the addContact command. A contact can be added with as little information as an email address.

### REST

#### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/addressBooks/[addressBookName]/addContact`

#### Body Sample:

```
{
  "email": "kharris@example.com",
  "name" : "Kathy Harris",
  "organization" : "Support",
  "officePhone" : "4024444242",
  "replace" : "yes"
}
```

#### Response Body

If successful, the response body is empty.

### SOAP

#### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addContact>
      <email>kharris@example.com</email>
      <name>Kathy Harris</name>
      <organization>Support</name>
      <officePhone>4024444242</officePhone>
    </web:addContact>
  </soapenv:Body>
</soapenv:Envelope>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body><ns2:addContactResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Contact 'kharris@example.com' was added successfully.</result>
</ns2:addContactResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when adding a contact.

Parameter Name	Description	Required?	Default Value
email	The email to add to the contact.	Yes	None
name	The name to add to the contact.	No	None
organization	The organization to add to the contact.	No	None
officePhone	The office phone number to add to the contact.	No	None
countryName	The country name to add to the contact.	No	None
mobilePhone	The mobile phone number to add to the contact. A country name is required, and the format of the phone number must match the mask of the provided country.	No	None
description	The description to add to the contact.	No	None
replace	Whether or not to replace the contact if one already exists with the same email. Valid values are True or False.	No	False

## CLI

The following table lists the available options when adding a contact in GoAnywhere Command using the addContact command. A contact can be added with as little information as an email address. The following table lists the available options when adding a contact.

#### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command addcontact -addressbook Support -email kharris@example.com
```

Parameter Name	Description	Required?	Default Value
addressBook	The unique name of the Address Book being added to.	Yes	None
email	The email to add to the contact.	Yes	None
name	The name to add to the contact.	No	None
organization	The organization to add to the contact.	No	None
officePhone	The office phone to add to the contact.	No	None
countryName	The country name to add to the contact.	No	None
mobilePhone	The mobile phone number to add to the contact. A country name is required, and the format of the phone number must match the mask of the provided country.	No	None
description	The description to add to the contact.	No	None
replace	Whether or not to replace the contact if one already exists with the same email.	No	No

## Add SSH Key

Add SSH keys to GoAnywhere using the addSSHKey command.

To add public and private SSH keys, authenticate as an Admin User with the Key Manager role.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/sshkeys/`

### Body Sample:

```
{
  "keyName": "sshkey123",
  "keyType" : "private",
  "keyPassword" : "password01",
  "storeKeyPassword" : "False",
  "domain" : "Chicago Campus",
  "keyVault" : "IT",
  "file" : "Z29hbnl3aGVyZQ=="
}
```

## Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addSSHKey>
      <keyName>sshkey123</keyName>
      <keyType>private</keyType>
      <keyPassword>password01</keyPassword>
      <storeKeyPassword>False</storeKeyPassword>
      <domain>Chicago Campus</domain>
      <keyVault>IT</keyVault>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
    </web:addSSHKey>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:addSSHKeyResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Public key 'sshkey123' was added successfully and associated to web user
      'kharris'.</result>
    </ns2:addSSHKeyResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when adding a SSH key.

Parameter Name	Description	Required?	Default Value
keyName	The name of the specified SSH key.	Yes	None
keyType	The type of SSH key, either public or private.	Yes	None
keyPassword	The password used for the private key.	No	None
storeKeyPassword	Choose whether or not to store the password associated with the private key. Valid values are True, False.	No	True

Parameter Name	Description	Required?	Default Value
keyVault	The name of the Key Vault where the SSH key will be stored. If not specified, the default Key Vault assigned to the Domain will be used.	No	None
domain	The name of the Domain if the user is authorized to more than one Domain.  <b>Example:</b> "Chicago Campus"	No	None
file (REST)	Base64 encoded content of the file.	No	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	No	None

## CLI

The following table lists the available options when adding a SSH key in GoAnywhere Command using the addSSHKey command. To associate public SSH keys to a Web User, log in as a User with Key Manager role.

### EXAMPLE:

The following command will add a public SSH key.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command addsshkey -keyname sshkey123 -keytype public -inputFile c:\file.pub
```

### EXAMPLE:

The following command will add a private SSH key to a Key Vault.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command addsshkey -keyname sshkey123 -keytype private -inputFile c:\file.pvk
-keyPassword keyp -keyVault "Trading Partner"
```

### EXAMPLE:

The following command will associate an SSH key to a specified Web User.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command addsshkey -keyname sshkey123 -username jsmith
```

### EXAMPLE:

The following command will add a public SSH key and associate it to a specified Web User.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command addsshkey -keyname sshkey123 -inputFile c:\file.pub -username jsmith
```



Parameter Name	Description	Required?	Default Value
keyName	The name of the specified SSH key.	Yes	None
keyType	The type of SSH key, either public or private.	No	None
userName	The name of the Web User the key is being associated with.	No	None
inputFile	The full path to the key file you are importing. The input file must exist on the machine where the <i>GoAnywhere Command</i> installation resides. The file is passed to GoAnywhere for importing.	No	None
keyPassword	The password used for the private key.	No	None
storeKeyPassword	Choose whether or not to store the password associated with the private key. Valid values are True or False.	No	True
domain	The name of the Domain if the user is authorized to more than one Domain.  <b>Example:</b> "Chicago Campus"	No	None
keyVault	The name of the Key Vault where the SSH key will be stored. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## Add SSH Key Association

Associate an SSH key to a Web User using the add SSH Key association command.

To associate public SSH keys to a Web User, authenticate as an Admin User with Web User Manager role.

### REST

#### Method & URL

```
POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/
[userName]/sshkeys/[keyName]
```

**Body Sample:**

```
{
  "action" : "add",
  "keyVault" : "IT"
}
```

**Response Body**

If successful, the response body is empty.

## SOAP

**Envelope Sample**

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addSSHKey>
      <keyName>sshKey123</keyName>
      <userName>jsmith</userName>
    </web:addSSHKey>
  </soapenv:Body>
</soapenv:Envelope>
```

**Response Body Sample**

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:addSSHKeyResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Public key 'sshKey123' was associated to web user 'jsmith'.</result>
</ns2:addSSHKeyResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when adding a SSH key.

Parameter Name	Description	Required?	Default Value
keyName	The name of the specified SSH key.	Yes	None
userName	The name of the Web User the key is being associated with.	Yes	None
action	Choose to 'add' or 'delete' the SSH key association using the REST POST method.	No	add

Parameter Name	Description	Required?	Default Value
keyVault	The name of the Key Vault where the SSH key is stored. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## CLI

The following table lists the available options when adding an SSH key in GoAnywhere Command using the add SSH Key association command. To associate public SSH keys to a Web User, log in as a User with Web User Manager role.

### EXAMPLE:

The following command will associate an SSH key to a specified Web User. `gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere -command addsshkey -keyname sshkey123 -username jsmith`

### EXAMPLE:

The following command will add a public SSH key and associate it to a specified Web User. `gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere -command addsshkey -keyname sshkey123 -inputFile c:\file.pub -username jsmith`

Parameter Name	Description	Required?	Default Value
keyName	The name of the specified SSH key.	Yes	None
keyType	The type of SSH key, either public or private.	No	None
userName	The name of the Web User the key is being associated with.	No	None
inputFile	The full path to the key file you are importing. The input file must exist on the machine where the <i>GoAnywhere Command</i> installation resides. The file is passed to GoAnywhere for importing.	No	None
keyPassword	The password used for the private key.	No	None
storeKeyPassword	Choose whether or not to store the password associated with the private key. Valid values are True or False.	No	True

Parameter Name	Description	Required?	Default Value
domain	The name of the Domain if the user is authorized to more than one Domain.  <b>Example:</b> "Chicago Campus"	No	None
keyVault	The name of the Key Vault where the SSH key is stored. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

# Add a Virtual File to a Web User

Add a virtual file to a Web User profile using the addVirtualFile command.

To add a virtual file to a Web User profile or Web User Group, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/virtualfiles

### Body Sample:

```
{
  "action" : "add",
  "virtualPath" : "/Inbound/Invoices/Qtr1.csv",
  "physicalPath" : "${homeDirectory}/Inbound/Invoices/Qtr1.csv",
  "permissions" : ["download","overwrite"]
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addVirtualFile>
      <userName>kharris</userName>
      <virtualPath>/Inbound/Invoices/Qtr1.csv
      </virtualPath>
      <physicalPath>${homeDirectory}/Inbound
      /Invoices/Qtr1.csv</physicalPath>
      <permissions>
        <!--Zero or more repetitions:-->
        <permission>download</permission>
        <permission>overwrite</permission>
      </permissions>
    </web:addVirtualFile>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:addVirtualFileResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Virtual file 'Qtr1.csv' successfully added to web user 'kharris'. </result>
    </ns2:addVirtualFileResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when adding a virtual file.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
action	The type of action used for working with Virtual Files. This is used for REST only and must be 'add'.	Yes/REST	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None
physicalPath	The physical path to the file that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	Yes	None
permissions	<p>The permissions allowed for the file. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ download</li> <li>■ overwrite</li> <li>■ append</li> <li>■ checksum</li> <li>■ share</li> </ul>	No	No Permissions

## CLI

The following table lists the available options for adding a virtual file in GoAnywhere Command using the addVirtualFile command.

To add a virtual file to a Web User profile, log in as a User with the Web User Manager role.

**EXAMPLE:**

The following command will add a virtual file using a relative path with permissions to a Web User:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command addVirtualFile -userName kharris -virtualPath "/Inbound/Invoices/Qtr1.csv"
-physicalPath "${homeDirectory}/Inbound/Invoices/Qtr1.csv" -permissions download
overwrite
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None
physicalPath	The physical path to the file that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	Yes	None
permissions	<p>The permissions allowed for the file, separated by spaces. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ download</li> <li>■ overwrite</li> <li>■ append</li> <li>■ checksum</li> <li>■ share</li> </ul>	No	No Permissions

\*You must specify either a userName or groupName parameter with this command.

# Add Virtual File to a Web User Group

Add a virtual file to a Web User Group using the addVirtualFile command.

To add a virtual file to a Web User Group, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups/[groupName]/virtualfiles`

### Body Sample:

```
{
  "action" : "add",
  "virtualPath" : "/Inbound/Invoices/Qtr1.csv",
  "physicalPath" : "${homeDirectory}/Inbound/Invoices/Qtr1.csv",
  "permissions" : ["download","overwrite"]
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addVirtualFile>
      <groupName>Trading Partners</groupName>
      <virtualPath>/Inbound/Invoices/Qtr1.csv</virtualPath>
      <physicalPath>${homeDirectory}/Inbound/Invoices/Qtr1.csv</physicalPath>
      <permissions>
        <!--Zero or more repetitions-->
        <permission>download</permission>
        <permission>overwrite</permission>
      </permissions>
    </web:addVirtualFile>
  </soapenv:Body>
</soapenv:Envelope>
```



## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:addVirtualFileResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Virtual file 'Qtr1.csv' successfully added to web user group 'Trading
Partners'.</result>
    </ns2:addVirtualFileResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when adding a virtual file.

Parameter Name	Description	Required?	Default Value
groupName	The name of the Web User Group.	Yes	None
action	The type of action used for working with Virtual Files. This is used for REST only and must be 'add'.	Yes/REST	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None
physicalPath	The physical path to the file that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	Yes	None
permissions	<p>The permissions allowed for the file. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ download</li> <li>■ overwrite</li> <li>■ append</li> <li>■ checksum</li> <li>■ share</li> </ul>	No	No Permissions

## CLI

The following table lists the available options for adding a virtual file in GoANYwhere Command using the addVirtualFile command.

To add a virtual file to a Web User profile, log in as a User with the Web User Manager role.

**EXAMPLE:**

The following command will add a virtual file using a relative path with permissions to a Web User Group:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command addVirtualFile -groupName HTTPSUsers -virtualPath
"/Inbound/Invoices/Qtr1.csv"
-physicalPath "${homeDirectory}/Inbound/Invoices/Qtr1.csv" -permissions download
overwrite
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None
physicalPath	The physical path to the file that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	Yes	None
permissions	<p>The permissions allowed for the file, separated by spaces. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ download</li> <li>■ overwrite</li> <li>■ append</li> <li>■ checksum</li> <li>■ share</li> </ul>	No	No Permissions

\*You must specify either a userName or groupName parameter with this command.

# Add a Virtual Folder to a Web User

Add a virtual folder to a Web User profile using the addVirtualFolder command.

To add a virtual folder to a Web User profile or Web User Group, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/virtualfolders

### Body Sample:

```
{
  "action" : "add",
  "virtualPath" : "/Inbound/Invoices",
  "physicalPath" : "${homeDirectory}/Inbound/Invoices",
  "diskQuota" : "10MB",
  "permissions" : ["download","overwrite"]
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addVirtualFolder>
      <userName>kharris</userName>
      <virtualPath>/Inbound/Invoices
</virtualPath>
      <physicalPath>${homeDirectory}/Inbound/Invoices</physicalPath>
      <diskQuota>10MB</diskQuota>
      <permissions>
        <!--Zero or more repetitions:-->
        <permission>download</permission>
        <permission>overwrite</permission>
      </permissions>
    </web:addVirtualFolder>
  </soapenv:Body>
</soapenv:Envelope>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:addVirtualFolderResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Virtual folder 'Inbound/Invoices' successfully added to web user 'kharris'.
</result>
</ns2:addVirtualFolderResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when adding a virtual folder.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
action	The type of action used for working with Virtual Folders. This is used for REST only and must be 'add'.	Yes/REST	None
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None
physicalPath	The physical path to the folder that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	Yes	None
diskQuota	Specifies the folder disk size limit. Maximum value is 999999 in measurements of KB, MB, GB, or TB. You can also specify unlimited, or inherited. Measurements are case sensitive and cannot contain any spaces between the value and measurement.  <b>Example:</b> 100GB	No	Inherited

Parameter Name	Description	Required?	Default Value
permissions	<p>The permissions allowed for the folder. If this parameter is supplied without any values, the permissions are reset using no permissions.</p> <p>Valid values are:</p> <ul style="list-style-type: none"><li>■ list</li><li>■ download</li><li>■ upload</li><li>■ overwrite</li><li>■ renameFiles</li><li>■ deleteFiles</li><li>■ checksum</li><li>■ share</li><li>■ createSubfolders</li><li>■ renameSubfolders</li><li>■ deleteSubfolders</li><li>■ shareSubfolders</li><li>■ applyToSubfolders</li><li>■ append</li></ul>	No	No Permissions

## CLI

Add a virtual folder to a Web User profile using the addVirtualFolder command.

To add a virtual folder to a Web User profile or Web User Group, authenticate as an Admin User with the Web User Manager role.

### EXAMPLE:

The following command will add a virtual folder using a relative path with permissions to a Web User:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command addVirtualFolder -username kharris -virtualPath "/Inbound/Invoices"  
-physicalPath "${homeDirectory}/Inbound/Invoices" -diskQuota 10MB -permissions  
download overwrite
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None
physicalPath	The physical path to the folder that the virtual path refers to. The physical path can contain the Web User's <code>\${homeDirectory}</code> variable.	Yes	None
diskQuota	<p>Specifies the folder disk size limit. Maximum value is 999999 in measurements of KB, MB, GB, or TB. You can also specify unlimited, or inherited. Measurements are case sensitive and cannot contain any spaces between the value and measurement.</p> <p><b>Example:</b> 100GB</p>	No	Inherited
permissions	<p>The permissions allowed for the folder, separated by spaces. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ list</li> <li>■ download</li> <li>■ upload</li> <li>■ overwrite</li> <li>■ renameFiles</li> <li>■ deleteFiles</li> <li>■ checksum</li> <li>■ share</li> <li>■ createSubfolders</li> <li>■ renameSubfolders</li> <li>■ deleteSubfolders</li> <li>■ shareSubfolders</li> <li>■ applyToSubfolders</li> <li>■ append</li> </ul>	No	No Permissions

\*You must specify either a `userName` or `groupName` parameter with this command.

# Add a Virtual Folder to a Web User Group

Add a virtual folder to a Web User Group using the addVirtualFolder command.

To add a virtual folder to a Web User Group, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups/[groupName]/virtualfolders`

### Body Sample:

```
{
  "action" : "add",
  "virtualPath" : "/Inbound/Invoices",
  "physicalPath" :
    "${homeDirectory}/Inbound/Invoices",
  "diskQuota" : "10MB",
  "permissions" : ["download","overwrite"]
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addVirtualFolder>
      <groupName>Trading Partners</groupName>
      <virtualPath>/Inbound/Invoices
      </virtualPath>
      <physicalPath>${homeDirectory}/Inbound
      /Invoices</physicalPath>
      <diskQuota>10MB</diskQuota>
      <permissions>
        <!--Zero or more repetitions:-->
        <permission>download</permission>
        <permission>overwrite</permission>
      </permissions>
    </web:addVirtualFolder>
  </soapenv:Body>
</soapenv:Envelope>
```



```
</soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:addVirtualFolderResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Virtual folder 'Inbound/Invoices' successfully added to web user group 'Trading
Partners'.</result>
</ns2:addVirtualFolderResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when adding a virtual folder.

Parameter Name	Description	Required?	Default Value
groupName	The Web User Group name.	Yes	None
action	The type of action used for working with Virtual Folders. This is used for REST only and must be 'add'.	Yes/REST	None
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None
physicalPath	The physical path to the folder that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	Yes	None
diskQuota	Specifies the folder disk size limit. Maximum value is 999999 in measurements of KB, MB, GB, or TB. You can also specify unlimited, or inherited. Measurements are case sensitive and cannot contain any spaces between the value and measurement.  <b>Example:</b> 100GB	No	Inherited

Parameter Name	Description	Required?	Default Value
permissions	<p>The permissions allowed for the folder. If this parameter is supplied without any values, the permissions are reset using no permissions.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>■ list</li> <li>■ download</li> <li>■ upload</li> <li>■ overwrite</li> <li>■ renameFiles</li> <li>■ deleteFiles</li> <li>■ checksum</li> <li>■ share</li> <li>■ createSubfolders</li> <li>■ renameSubfolders</li> <li>■ deleteSubfolders</li> <li>■ shareSubfolders</li> <li>■ applyToSubfolders</li> <li>■ append</li> </ul>	No	No Permissions

## CLI

The following table lists the available options for adding a virtual folder in GoAnywhere Command using the addVirtualFolder command.

To add a virtual folder to a Web User Group, log in as a User with the Web User Manager role.

### EXAMPLE:

The following command will add a virtual folder using a relative path with permissions to a Web User Group:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command addVirtualFolder -groupName HTTPSUsers -virtualPath "/Inbound/Invoices"
-physicalPath "${homeDirectory}/Inbound/Invoices" -diskQuota 100MB -permissions
download overwrite
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None
physicalPath	The physical path to the folder that the virtual path refers to. The physical path can contain the Web User's <code>\${homeDirectory}</code> variable.	Yes	None
diskQuota	<p>Specifies the folder disk size limit. Maximum value is 999999 in measurements of KB, MB, GB, or TB. You can also specify unlimited, or inherited. Measurements are case sensitive and cannot contain any spaces between the value and measurement.</p> <p><b>Example:</b> 100GB</p>	No	Inherited
permissions	<p>The permissions allowed for the folder, separated by spaces. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ list</li> <li>■ download</li> <li>■ upload</li> <li>■ overwrite</li> <li>■ renameFiles</li> <li>■ deleteFiles</li> <li>■ checksum</li> <li>■ share</li> <li>■ createSubfolders</li> <li>■ renameSubfolders</li> <li>■ deleteSubfolders</li> <li>■ shareSubfolders</li> <li>■ applyToSubfolders</li> <li>■ append</li> </ul>	No	No Permissions

\*You must specify either a `userName` or `groupName` parameter with this command.

# Add Web User

Add a Web User to GoAnywhere using the addWebUser command. A Web User can be added with as little information as a Web User Template and a user name.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers`

### Body Sample:

```
{
  "addParameters" :
  {
    "userName": "jsmith",
    "template" : "Trading Partners",
    "firstName" : "John",
    "lastName" : "Smith",
    "email" : "jsmith@example.com"
  }
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addWebUser>
      <template>Trading Partners</template>
      <userName>jsmith</userName>
      <firstName>John</firstName>
      <lastName>Smith</lastName>
      <email>jsmith@example.com</email>
    </web:addWebUser>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
```

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body><ns2:addWebUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Web user 'jsmith' was added successfully.</result>
</ns2:addWebUserResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when adding a Web User.

Parameter Name	Description	Required?	Default Value
template	The template to use when creating the Web User. Many of the permissions and settings for this Web User account can be predefined in a Web User Template.	Yes	None
userName	The Web User account name.	Yes	None
userPassword	Password for the Web User. The password must meet the restrictions set in the Web User Password Policy. If using a Base64 encoded password hash, specify the algorithm with the "passwordAlgorithm" parameter.	No	None
passwordAlgorithm	If the userPassword parameter is specified, this parameter becomes optional and is used if the specified password is stored in an encrypted format (hashed and Base64 encoded). Supported hash algorithms are MD2, MD5, PBKDF2, SHA-1, SHA-256, SHA-384, SHA-512, and UNIX (for UNIX style hashed passwords). The algorithms must be specified in upper case.	No	None
firstName	Web User's first name.	No	None
lastName	Web User's last name.	No	None
description	A description of the Web User.	No	None
organization	The organization of the Web User.	No	None

Parameter Name	Description	Required?	Default Value
email	Web User's email address. If the Web User Template is configured to email the new Web User their password, the email address parameter is required.	No	None
phone	The phone number of the Web User.	No	None
httpsFingerprint	The HTTPS SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
as2Fingerprint	The AS2 SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
as4Fingerprint	The AS4 SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
ftpesFingerprint	The FTPES SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
ftpsFingerprint	The FTPS SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
gofastFingerprint	The GoFast SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
pesitFingerprint	The PeSIT SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
homeDirectory	The home directory for the Web User.	No	None

## CLI

The following table lists the available options when adding a Web User in GoAnywhere Command using the addWebUser command. A Web User can be added with as little information as a Web User Template and a user name.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command addwebuser -webusertemplate "Web User Template" -username jsmith
```

Parameter Name	Description	Required?	Default Value
webUserTemplate	The template to use when creating the Web User. Many of the permissions and settings for this Web User account can be predefined in a Web User Template.	Yes	None
userName	The Web User account name.	Yes	None
userPassword	Password for the Web User. The password must meet the restrictions set in the Web User Password Policy. If using a base64 encoded password hash, specify the algorithm with the "userPasswordAlgorithm" parameter.	No	None
userPasswordAlgorithm	If the userPassword parameter is specified, this parameter becomes optional and is used if the specified password is stored in an encrypted format (hashed and base64 encoded). Supported hash algorithms are MD2, MD5, PBKDF2, SHA-1, SHA-256, SHA-384, SHA-512, and UNIX (for UNIX style hashed passwords). The algorithms must be specified in upper case.	No	None
firstName	Web User's first name.	No	None
lastName	Web User's last name.	No	None
description	A description of the Web User.	No	None
organization	The organization of the Web User.	No	None
email	Web User's email address. If the Web User Template is configured to email the new Web User their password, the email address parameter is required.	No	None
phone	The phone number of the Web User.	No	None



Parameter Name	Description	Required?	Default Value
httpsFingerprint	The HTTPS SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
AS2Fingerprint	The AS2 SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
AS4Fingerprint	The AS4 SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
ftpesFingerprint	The FTPES SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
ftpsFingerprint	The FTPS SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
gofastFingerprint	The GoFast SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
pesitFingerprint	The PeSIT SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
homeDirectory	The home directory for the Web User.	No	None

## Add Web User IP

Add IP Filter entries for a Web User using the addWebUserIP command.

# REST

## Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/ip

## Body Sample:

```
{
  {
    "action": "add",
    "ipAddress" : "10.1.2.77"
  }
}
```

## Response Body

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addWebUserIP>
      <userName>jsmith</userName>
      <ipAddress>10.1.2.77</ipAddress>
    </web:addWebUserIP>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

If successful, the response body is empty.

The following table lists the available options when adding a Web User IP filter.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
ipAddress	The individual IP address, IP address range, or CIDR notation.	Yes	None

## CLI

The following table lists the available options when adding IP filter entries for a Web User in GoAnywhere Command using the addWebUserIP command. The filter type to indicate if this IP entry should be whitelisted or blacklisted is determined on the Web User account.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command addWebUserIP -userName kharris -ipAddress 10.1.2.77
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
ipAddress	The individual IP address, IP address range, or CIDR notation.	Yes	None

# Add a Web User to a Web User Group

Add a Web User to a Web User Group using the addWebUserToGroup command.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/groups

### Body Sample:

```
{
  "action" : "add",
  "groupName" : "Trading Partners",
  "createVirtualFolders" : "true"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:addWebUserToGroup>
      <userName>kharris</userName>
      <groupName>Trading Partners</groupName>
      <createVirtualFolders>true</createVirtualFolders>
    </web:addWebUserToGroup>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body><ns2:addWebUserToGroupResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>User 'kharris' was added to group 'Trading Partners' successfully.</result>
</ns2:addWebUserToGroupResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when adding a Web User to a Web User Group:

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
groupName	The name of the Web User Group the Web User will be added to.	Yes	None
createVirtualFolders	If the Web User Group contains virtual folders that are relative to the Web User's home directory (using the <code>\${homeDirectory}</code> variable), you can choose to create those folders when you add the Web User to the group.	No	False

## CLI

The following table lists the available options when adding a Web User to a Web User Group in GoAnywhere Command using the `addWebUserToGroup` command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command addWebUserToGroup -userName jsmith -groupName "Trading Partners"  
-createVirtualFolders true
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
groupName	The name of the Web User Group the Web User will be added to.	Yes	None
createVirtualFolders	If the Web User Group contains virtual folders that are relative to the Web User's home directory (using the <code>\${homeDirectory}</code> variable), you can choose to create those folders when you add the Web User to the group.	No	False

## Delete Contact

Delete a contact to GoAnywhere using the `deleteContact` command.

# REST

## Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/addressBooks/[addressBookName]/deleteContact`

## Body Sample:

```
{
  "currentEmail":"kharris@example.com",
  "noFail":"true"
}
```

## Response Body

If successful, the response body is empty.

# SOAP

## Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteContact>
      <currentEmail>kharris@example.com</currentEmail>
      <noFail>true</noFail>
    </web:deleteContact>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body><ns2:deleteContactResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Contact 'kharris@example.com' was removed successfully.</result>
</ns2:deleteContactResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when deleting a contact.

Parameter Name	Description	Required?	Default Value
currentEmail	The current email of the contact.	Yes	None

Parameter Name	Description	Required?	Default Value
noFail	A boolean indicator to prevent the failure of the action if the contact cannot be found.	No	False

## CLI

The following table lists the available options when deleting a contact in GoAnywhere Command using the deleteContact command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command deletecontact -addressbook Support -currentemail kharris@example.com
```

Parameter Name	Description	Required?	Default Value
addressBook	The unique name of the Address Book containing the contact.	Yes	None
currentEmail	The email of the contact to remove.	Yes	None
noFail	Boolean indicator to prevent the failure of the action if the contact cannot be found.	No	False

# Delete Web User

Delete a Web User from GoAnywhere using the deleteWebUser command.

## REST

### Method & URL

DELETE http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:deleteWebUser>
      <userName>jsmith</userName>
    </web:deleteWebUser>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:deleteWebUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Web user 'jsmith' was deleted successfully</result>
    </ns2:deleteWebUserResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when deleting a Web User.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None



## CLI

The following table lists the available options when deleting a Web User in GoAnywhere Command using the deleteWebUser command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command deletewebuser -username jsmith
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None

## Delete Web User Group

Delete a Web User Group from GoAnywhere using the deleteWebUserGroup command.

## REST

### Method & URL

DELETE http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups/[groupName]

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
  xmlns:web="http://webservice.goanywhere.com/">  
  <soapenv:Header/>  
  <soapenv:Body>  
    <web:deleteWebUserGroup>  
      <groupName>Trading Partners</groupName>  
    </web:deleteWebUserGroup>  
  </soapenv:Body>  
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>  
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
```

```
<S:Body>
<ns2:deleteWebUserGroupResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Web User Group 'Trading Partners' deleted successfully.</result>
</ns2:deleteWebUserGroupResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when deleting a Web User Group.

Parameter Name	Description	Required?	Default Value
groupName	The Web User Group name.	Yes	None

## CLI

The following table lists the available options when deleting a Web User Group in GoAnywhere Command using the deleteWebUserGroup command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command deleteWebUserGroup -groupName "Security Group"
```

Parameter Name	Description	Required?	Default Value
groupName	The Web User Group name.	Yes	None

# Export Web User

Export one or more Web Users to an XML file using the Export Web User command.

## REST

### Method & URL

```
GET http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/
[user Name]
```

### REST URL Example with Query Parameters

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/webusers?emailSearch=@he
lpssystem&statusSearch=disabled
```

### Response Body Sample

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```

<webUsers class="com.linoma.dpa.commandcenter.codec.WebUserVOListCodec">
  <webUser>
    <secureMailPermissions>1</secureMailPermissions>
    <goDriveDiskQuotaOption>B</goDriveDiskQuotaOption>
    <secureFormPermission>true</secureFormPermission>
    <secureFolderPermission>true</secureFolderPermission>
    <viewActivityPermission>false</viewActivityPermission>
    <goDriveDiskSpaceUnit>G</goDriveDiskSpaceUnit>
    <passwordExpirationInterval>-1</passwordExpirationInterval>
    <lastLoginDate>1496325688000</lastLoginDate>
    <gftpesAuthType>P</gftpesAuthType>
    <as2SignatureAlias></as2SignatureAlias>
    <gsftpAuthType>P</gsftpAuthType>
    <ipFilterEnabled>false</ipFilterEnabled>
    <loginAttempts>0</loginAttempts>
    <createdOn>1494515644000</createdOn>
    <loginMethod>0</loginMethod>
    <createdBy>root</createdBy>
    <limitTime>0</limitTime>
    <as2WhenFileExist>-1</as2WhenFileExist>
    <gas2AuthType>P</gas2AuthType>
    <ipFilterType>A</ipFilterType>
    <ghttpsAuthType>P</ghttpsAuthType>
    <limitDays>0</limitDays>
    <as2RequireSignature></as2RequireSignature>
    <limitDaysOfWeek>0</limitDaysOfWeek>
    <as2Id></as2Id>
    <goFastAuthType>P</goFastAuthType>
    <inactiveDays>-1</inactiveDays>
    <approved>true</approved>
    <gftpesAuthType>P</gftpesAuthType>
    <modifiedBy>root</modifiedBy>
    <servicePermissions>11</servicePermissions>
    <modifiedOn>1502216397000</modifiedOn>
    <goDrivePermission>false</goDrivePermission>
    <goDriveAccess>F</goDriveAccess>
    <goDriveDiskSpace>5</goDriveDiskSpace>
    <pastExpiration>false</pastExpiration>
    <maxSessions>-1</maxSessions>
    <inviteUserPermission>false</inviteUserPermission>
    <passwordHashAlgorithm>5</passwordHashAlgorithm>
    <ghttpsTwoFactorAuthTypeCode></ghttpsTwoFactorAuthTypeCode>
    <password>7tE6npb...</password>
    <forcePasswordChange>false</forcePasswordChange>
    <name>kharris</name>
    <domain>Default</domain>
    <loginMethodName>GoAnywhere</loginMethodName>
    <firstName>Kathy</firstName>
    <lastName>Harris</lastName>
    <email>kharris@example.com</email>
    <phone></phone>
    <organization></organization>
    <as2MdnApprovalAutomatic></as2MdnApprovalAutomatic>
    <as2RequireEncryption></as2RequireEncryption>
    <as2RequireAuthentication></as2RequireAuthentication>
    <changePasswordPermission>false</changePasswordPermission>
    <description></description>
    <passwordIsEncrypted>true</passwordIsEncrypted>
    <enabled>true</enabled>
  </webUser>
</webUsers>

```

```

<virtualFile>
  <applyToSubfolders>true</applyToSubfolders>
  <folderPermissions>8191</folderPermissions>
  <filePermissions>0</filePermissions>
  <diskQuotaOption>B</diskQuotaOption>
  <diskQuotaUnit>M</diskQuotaUnit>
  <diskQuotaSize>100</diskQuotaSize>
  <type>D</type>
  <description>This is the login directory</description>
</virtualFile>
<virtualFiles>
  <virtualFile>
    <applyToSubfolders>false</applyToSubfolders>
    <folderPermissions>0</folderPermissions>
    <alias>ExportResource.txt</alias>
    <filePermissions>3</filePermissions>
    <diskQuotaOption>B</diskQuotaOption>
    <diskQuotaUnit>M</diskQuotaUnit>
    <diskQuotaSize>0</diskQuotaSize>
    <type>F</type>
    <path>${homeDirectory}/ExportResource.txt</path>
  </virtualFile>
</virtualFiles>
<secureForms>
  <secureForm>
    <name>New Hire Onboarding</name>
  </secureForm>
</secureForms>
</webUser>
</webUsers>

```

## SOAP

### Envelope Sample

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exportWebUser>
      <userName>kharris</userName>
    </web:exportWebUser>
  </soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:exportWebUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <outputFile>PD94bWwgdmVyc...wvd2ViVXN1cnM+</outputFile>
    </ns2:exportWebUserResponse>
  </S:Body>
</S:Envelope>

```

The following table lists the available options when exporting a Web User.

Parameter Name	Description	Required?	Default Value
userName	The User Name of the Web User to export.	No	None
usernameSearch	The parameter that will hold the User Name search field and will be used to perform a 'like' query on the Web Users table.	No	None
statusSearch	The parameter that will hold the Status search field options, which allows the command user to search for enabled or disabled Web Users. Valid values are any, enabled, disabled, pending, and expired.	No	None
firstNameSearch	The parameter that will hold the First Name search field and will be used to perform a 'like' query on the Web Users table.	No	None
lastNameSearch	The parameter that will hold the Last Name search field and will be used to perform a 'like' query on the Web Users table.	No	None
organizationSearch	The parameter that will hold the Organization search field and will be used to perform a 'like' query on the Web Users table.	No	None
emailSearch	The parameter that will hold the Email search field and will be used to perform a 'like' query on the Web Users table.	No	None

## CLI

The following table lists the available options when exporting a Web User in GoAnywhere Command using the Export Web User command.

**EXAMPLE:**

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command exportWebUser -userName "kharris" -webUserOutputFile  
"C:\webUsers\kharris.xml"
```

Parameter Name	Description	Required?	Default Value
userName	The User Name of the Web User to export.	No	None
usernameSearch	The parameter that will hold the User Name search field and will be used to perform a 'like' query on the Web Users table.	No	None
statusSearch	The parameter that will hold the Status search field options, which allows the command user to search for enabled or disabled Web Users. Valid values are any, enabled, disabled, pending, or expired.	No	None
firstNameSearch	The parameter that will hold the First Name search field and will be used to perform a 'like' query on the Web Users table.	No	None
lastNameSearch	The parameter that will hold the Last Name search field and will be used to perform a 'like' query on the Web Users table.	No	None
organizationSearch	The parameter that will hold the Organization search field and will be used to perform a 'like' query on the Web Users table.	No	None
emailSearch	The parameter that will hold the Email search field and will be used to perform a 'like' query on the Web Users table.	No	None
webUserOutputFile	The location where the Web User XML will be saved.	Yes	None

## Export Web User Group

Export a Web User Group using the Export Web User Group command.

### REST

#### Method & URL

```
GET http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups/[groupName]
```

## Response Body Sample

```
<?xml version="1.0" encoding="UTF-8" ?>
<webGroups class="com.linoma.dpa.commandcenter.codec.WebGroupV0ListCodec">
  <webGroup>
    <secureMailPermissions>1</secureMailPermissions>
    <goDriveDiskQuotaOption>B</goDriveDiskQuotaOption>
    <secureFormPermission>false</secureFormPermission>
    <secureFolderPermission>true</secureFolderPermission>
    <viewActivityPermission>false</viewActivityPermission>
    <goDriveDiskSpaceUnit>G</goDriveDiskSpaceUnit>
    <servicePermissions>1</servicePermissions>
    <goDrivePermission>false</goDrivePermission>
    <goDriveAccess>F</goDriveAccess>
    <goDriveDiskSpace>5</goDriveDiskSpace>
    <inviteUserPermission>false</inviteUserPermission>
    <name>Support POC</name>
    <domain>Default</domain>
    <changePasswordPermission>false</changePasswordPermission>
    <description>Sales group</description>
    <webUsers />
    <virtualFile>
      <applyToSubfolders>true</applyToSubfolders>
      <folderPermissions>8191</folderPermissions>
      <filePermissions>0</filePermissions>
      <diskQuotaOption>B</diskQuotaOption>
      <diskQuotaUnit>M</diskQuotaUnit>
      <diskQuotaSize>100</diskQuotaSize>
      <type>D</type>
      <description>This is the login directory</description>
      <virtualFiles>
        <virtualFile>
          <applyToSubfolders>true</applyToSubfolders>
          <folderPermissions>8191</folderPermissions>
          <alias>Support Files</alias>
          <filePermissions>0</filePermissions>
          <diskQuotaOption>B</diskQuotaOption>
          <diskQuotaUnit>M</diskQuotaUnit>
          <diskQuotaSize>100</diskQuotaSize>
          <type>D</type>
          <path>C:\SalesGroup</path>
        </virtualFile>
      </virtualFiles>
    </virtualFile>
    <secureForms />
  </webGroup>
</webGroups>
```

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
```

```

<web:exportWebUserGroup>
  <groupName>Trading Partners</groupName>
</web:exportWebUserGroup>
</soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:exportWebUserGroupResponse xmlns:ns2="http://webservice.goanywhere.com/">
<outputFile>PD94bWwgdm...</outputFile>
</ns2:exportWebUserGroupResponse>
</S:Body><
/S:Envelope>

```

The following table lists the available options when exporting a Web User Group.

Parameter Name	Description	Required?	Default Value
groupName	The user name of the Web User Group to export.	Yes	None

## CLI

The following table lists the available options when exporting a Web User Group in GoAnywhere Command using the exportWebUserGroup command.

#### EXAMPLE:

```

gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command exportWebUserGroup -groupName "Trading Partners"
-webUserGroupOutputFile "C:\webUserGroups\TradingPartners.xml"

```

Parameter Name	Description	Required?	Default Value
groupName	The group name of the Web User Group to export.	Yes	None
webUserGroupOutputFile	The location where the Web User Group XML will be saved.	Yes	None



# Import Web User

Import Web User(s) from an XML file. Prior to importing the Web User(s) from a file, you must export the Web User(s) from the source GoAnywhere server.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers`

### Body Sample:

```
{
  "importParameters" :
  {
    "file": "Z29hbnl3aGVyZQ==",
    "domain" : "Chicago Campus"
  }
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importWebUser>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
      <domain>Chicago Campus</domain>
    </web:importWebUser>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importWebUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Web user 'KHarris' was added successfully.</result>
    </ns2:importWebUserResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options when importing a Web User.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None
domain	The name of the Domain where the Web User will belong. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when importing a Web User in GoAnywhere Command using the importWebUser command. Prior to importing the Web User(s) from a file, you must export the Web User(s) from the source GoAnywhere server.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importWebUser -file "C:\temp\WebUsers.xml"
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Web User XML file	Yes	None
domain	The name of the Domain where the Web User will belong. This field is required when the user is authorized to more than one Domain.	No	None

# Import Web User Group

Import a Web User Group(s) from an XML file. Prior to importing the Web User Group from a file, you must export the Web User Group from the source GoAnywhere server.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups`

### Body Sample:

```
{
  "file": "Z29hbnl3aGVyZQ==",
  "domain" : "Chicago Campus",
  "ignoreWebUsers" : "true",
  "ignoreSecureForms" : "true"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:importWebUserGroup>
      <inputFile>Z29hbnl3aGVyZQ==</inputFile>
      <ignoreWebUsers>true</ignoreWebUsers>
      <ignoreSecureForms>true</ignoreSecureForms>
      <domain>Chicago Campus</domain>
    </web:importWebUserGroup>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:importWebUserGroupResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Web group 'REST API Group' was added successfully.</result>
```

```
</ns2:importWebUserGroupResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when importing a Web User Group.

Parameter Name	Description	Required?	Default Value
file (REST)	Base64 encoded content of the file.	Yes	None
inputFile (SOAP)	To attach a file to SOAP request, view the <a href="#">Attaching Files to SOAP Requests</a> topic for more information.	Yes	None
ignoreWebUsers	Ignore all Web Users associated with the Web User Group. Valid values are true or false.	No	None
ignoreSecureForms	A Web User Group may be linked to a number of Secure Forms. When importing a Web User Group, this option can be specified to ignore all Secure Forms associated with the Web User Group. If this option is not specified, the Secure Forms associated with this group must already exist in GoAnywhere.	No	False
domain	The name of the Domain where the Web User Group will belong. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when importing a Web User Group in GoAnywhere Command using the importWebUserGroup command. Prior to importing the Web User Group from a file, you must export the Web User Group from the source GoAnywhere server.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command importWebUserGroup -file "C:\Archive\TradingPartners.XML" -ignoreWebUsers
true
-ignoreSecureForms true
```

Parameter Name	Description	Required?	Default Value
file	The absolute path to the location of the Web User Group(s) XML file.	Yes	None
ignoreWebUsers	Ignore all Web Users associated with the Web User Group. Valid values are true or false.	No	None
ignoreSecureForms	A Web User Group may be linked to a number of Secure Forms. When importing a Web User Group, this option can be specified to ignore all Secure Forms associated with the Web User Group. If this option is not specified, the Secure Forms associated with this group must already exist in GoAnywhere.	No	False
domain	The name of the Domain where the Web User Group will belong. This field is required when the user is authorized to more than one Domain.	No	None

# Promote Web User

Promote a Web User from one GoAnywhere server to another GoAnywhere server.

## REST

### Method & URL

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/promote

### Body Sample:

```
{
  "targetServer" : "http://10.1.5.1:9000/goanywhere",
  "targetUser" : "kharris",
  "targetPassword" : "goanywhere",
  "targetDomain": "Chicago Campus"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:promoteWebUser>
      <targetServer>http://10.1.5.1:9000/
goanywhere</targetServer>
      <targetUser>kharris</targetUser>
      <targetpassword>goanywhere</targetpassword>
      <userName>goanywhere</userName>
      <targetDomain>Trading Partners</targetDomain>
    </web:promoteWebUser>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:promoteWebUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
```

```
<result>'Web User' named 'BSmith' was promoted successfully</result>
</ns2:promoteWebUserResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when promoting a Web User.

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
userName	The user name of the Web User.	Yes	None
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when promoting a Web User in GoAnywhere Command using the promoteWebUser command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command promoteWebUser -targetServer http://10.1.5.2:8000/goanywhere -targetUser
root
-targetPassword goanywhere -username "kharris"
```

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
username	The user name of the Web User.	Yes	None

Parameter Name	Description	Required?	Default Value
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None



# Promote Web User Group

Promote a Web User Group from one GoAnywhere server to another GoAnywhere server.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups/[groupName]/promote`

### Body Sample:

```
{
  "targetServer" : "http://10.1.3.1:9000/goanywhere",
  "targetUser" : "root",
  "targetPassword" : "goanywhere",
  "targetDomain": "Chicago Campus",
  "ignoreWebUsers" : "true",
  "ignoreSecureForms" : "true"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Header/>
<soapenv:Body>
  <web:promoteWebUserGroup>
    <targetServer>http://10.1.3.1:9000/
goanywhere</targetServer>
    <targetUser>root</targetUser>
    <targetpassword>goanywhere</targetpassword>
    <groupName>Trading Partners</groupName>
    <ignoreWebUsers>true</ignoreWebUsers>
    <ignoreSecureForms>true</ignoreSecureForms>
    <targetDomain>Chicago Campus</targetDomain>
  </web:promoteWebUserGroup>
</soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
```

```
<S:Body>
<ns2:promoteWebUserGroupResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>'Web User Group' named 'Trading Partners' was promoted successfully</result>
</ns2:promoteWebUserGroupResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when promoting a Web User Group.

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
groupName	The name of the Web User Group.	Yes	None
ignoreWebUsers	Ignore all Web Users associated with the Web User Group. Valid values are true or false.	No	None
ignoreSecureForms	A Web User Group may be linked to a number of Secure Forms. When promoting a Web User Group, this option can be specified to ignore all Secure Forms associated with the Web User Group. If this option is not specified, the Secure Forms associated with this group must already exist in the GoAnywhere target installation.	No	False
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

## CLI

The following table lists the available options when promoting a Web User Group in GoAnywhere Command using the promoteWebUserGroup command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.3.1:8000/goanywhere -user root -password goanywhere
-command promoteWebUserGroup -targetServer http://10.1.5.2:8000/goanywhere
```

```
-targetUser root -targetPassword goanywhere -groupName "Trading Partners"  
-ignoreWebUsers true -ignoreSecureForms true
```

Parameter Name	Description	Required?	Default Value
targetServer	The host name (or IP address) of the target server.	Yes	None
targetUser	The user name to log in to the target server.	Yes	None
targetPassword	The password for the target user to log in with. The password is case sensitive.	Yes	None
groupName	The name of the Web User Group.	Yes	None
ignoreWebUsers	Ignore all Web Users associated with the Web User Group. Valid values are true or false.	No	None
ignoreSecureForms	A Web User Group may be linked to a number of Secure Forms. When promoting a Web User Group, this option can be specified to ignore all Secure Forms associated with the Web User Group. If this option is not specified, the Secure Forms associated with this group must already exist in the GoAnywhere target installation.	No	False
targetDomain	The name of the Domain on the target server. This field is required when the user is authorized to more than one Domain.	No	None

# Remove SSH Key From GoAnywhere

Remove SSH keys from GoAnywhere using the removeSSHKey command.

To remove public and private SSH keys, authenticate as an Admin User with the Key Manager role.

## REST

### Method & URL

DELETE http://[server URL]:[port]/goanywhere/rest/gacmd/v1/sshkeys/[keyType]/[keyName]

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/sshkeys/[keyType]/[keyName]

### POST Body Sample:

```
{
  "domain" : "Chicago Campus",
  "keyVault" : "IT"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:removeSSHKey>
      <keyName>sshkey123</keyName>
      <keyType>private</keyType>
      <domain>Chicago Campus</domain>
      <keyVault>IT</keyVault>
    </web:removeSSHKey>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
```

```
<S:Body>
<ns2:removeSSHKeyResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>SSH public key 'SFTP' was successfully removed.</result>
</ns2:removeSSHKeyResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when removing an SSH key from GoAnywhere.

Parameter Name	Description	Required?	Default Value
keyName	The name of the specified SSH key.	Yes	None
keyType	The type of SSH key, either Public or Private.	Yes	None
domain	The name of the Domain if the user is authorized to more than one Domain.  <b>Example:</b> "Chicago Campus"	No	None
keyVault	The name of the Key Vault where the SSH key is stored. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## CLI

The following table lists the available options when removing an SSH key from GoAnywhere in GoAnywhere Command using the removeSSHKey command. To remove public and private SSH keys, log in as a User with the Key Manager role.

### EXAMPLE:

The following command removes the public and private versions of a specified SSH key. The public and private keys will be removed from all associated Web Users.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command removesshkey -keyname sshkey123
```

### EXAMPLE:

The following command removes a public SSH key. The public key will be removed from all associated Web Users.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command removesshkey -keyname sshkey123 -keytype public
```

**EXAMPLE:**

The following command removes a private SSH key from a Key Vault.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command removesshkey -keyname sshkey123 -keytype private -keyVault "Trading Partner"
```

Parameter Name	Description	Required?	Default Value
keyName	The name of the specified SSH key.	Yes	None
keyType	The type of SSH key, either Public or Private.	No	None
userName	The name of the Web User the key is being removed from.	No	None
keyVault	The name of the Key Vault where the SSH key is stored. If not specified, the default Key Vault assigned to the Domain will be used.	No	None
domain	The name of the Domain if the user is authorized to more than one Domain.  <b>Example:</b> "Chicago Campus"	No	None

# Remove SSH Key Association

Remove SSH keys from a Web User using the removeSSHKey command.

To remove a public SSH key association from a Web User, authenticate as an Admin User with Web User Manager role.

## REST

### Method & URL

DELETE http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/sshkeys/[keyName]

POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/sshkeys/[keyName]

### POST Body Sample:

```
{
  "action" : "delete",
  "keyVault" : "IT"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:removeSSHKey>
      <keyName>sshkey123</keyName>
      <userName>jsmith</userName>
    </web:removeSSHKey>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
```

```
<ns2:removeSSHKeyResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>SSH public key 'sshkey123' was successfully unassociated with web user
'kharris'.</result>
</ns2:removeSSHKeyResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when removing an SSH key.

Parameter Name	Description	Required?	Default Value
keyName	The name of the specified SSH key.	Yes	None
userName	The name of the Web User the key is being removed from.	Yes	None
action	Choose to 'add' or 'delete' the SSH key association using the REST POST method.	No	add
keyVault	The name of the Key Vault where the SSH key will be stored. If not specified, the default Key Vault assigned to the Domain will be used.	No	None

## CLI

The following table lists the available options when removing an SSH key association in GoAnywhere Command using the removeSSHKey command. To remove a public SSH key association from a Web User, log in as a User with Web User Manager role.

### EXAMPLE:

The following command will remove a public SSH key association from a specified Web User.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command removesshkey -keyname sshkey123 -username jsmith
```

Parameter Name	Description	Required?	Default Value
keyName	The name of the specified SSH key.	Yes	None
keyType	The type of SSH key, either Public or Private.	No	None
userName	The name of the Web User the key is being removed from.	No	None



Parameter Name	Description	Required?	Default Value
keyVault	The name of the Key Vault where the SSH key is stored. If not specified, the default Key Vault assigned to the Domain will be used.	No	None
domain	The name of the Domain if the user is authorized to more than one Domain.  <b>Example:</b> "Chicago Campus"	No	None

# Remove a Virtual File From a Web User

Remove a virtual file from a Web User profile using the removeVirtualFile command.

To remove a virtual file from a Web User profile, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/virtualfiles`

### Body Sample:

```
{
  "action" : "remove",
  "virtualPath" : "/Inbound/Invoices/Qtr1.csv"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:removeVirtualFile>
      <userName>kharris</userName>
      <virtualPath>/Inbound/Invoices/Qtr1.csv
    </virtualPath>
    </web:removeVirtualFile>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:removeVirtualFileResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Virtual file 'Qtr1.csv' successfully removed from web user 'kharris'. </result>
```

```
</ns2:removeVirtualFileResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options for removing a virtual file.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
action	The type of action used for working with Virtual Files. This is used for REST only and must be 'remove'.	Yes/REST	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None

## CLI

The following table lists the available options for removing a virtual file in GoAnywhere Command using the removeVirtualFile command.

To remove a virtual file from a Web User profile, log in as a User with the Web User Manager role.

### EXAMPLE:

The following command will remove a virtual file from a Web User:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command removeVirtualFile -username kharris -virtualPath "/Inbound/Invoices/Qtr1.csv"
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None

\*You must specify either a userName or groupName parameter with this command.

# Remove a Virtual File from a Web User Group

Remove a virtual file from a Web User Group using the `removeVirtualFile` command.

To remove a virtual file from a Web User Group, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups/[groupName]/virtualfiles`

### Body Sample:

```
{
  "action" : "remove",
  "virtualPath" : "/Inbound/Invoices/Qtr1.csv"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:removeVirtualFile>
      <groupName>Trading Partners</groupName>
      <virtualPath>/Inbound/Invoices/Qtr1.csv</virtualPath>
    </web:removeVirtualFile>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
```

```
<S:Body>
<ns2:removeVirtualFileResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Virtual file 'Qtr1.csv' successfully removed from web user group 'Trading
Partners'.</result>
</ns2:removeVirtualFileResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options for removing a virtual file.

Parameter Name	Description	Required?	Default Value
groupName	The Web User group name.	Yes	None
action	The type of action used for working with Virtual Files. This is used for REST only and must be 'remove'.	Yes/REST	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None

## CLI

The following table lists the available options for removing a virtual file in GoAnywhere Command using the removeVirtualFile command.

To remove a virtual file from a Web User Group, log in as a User with the Web User Manager role.

### EXAMPLE:

The following command will remove a virtual file from a Web User Group:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command removeVirtualFile -groupName HTTPSUsers -virtualPath
"/Inbound/Invoices/Qtr1.csv"
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None

\*You must specify either a userName or groupName parameter with this command.

# Remove a Virtual Folder from a Web User

Remove a virtual folder from a Web User profile using the removeVirtualFolder command.

To remove a virtual folder from a Web User profile, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/virtualfolders`

### Body Sample:

```
{
  "action" : "remove",
  "virtualPath" : "/Inbound/Invoices"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:removeVirtualFolder>
      <userName>kharris</userName>
      <virtualPath>/Inbound/Invoices</virtualPath>
    </web:removeVirtualFolder>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:removeVirtualFolderResponse xmlns:ns2="http://webservice.goanywhere.com/">
```

```
<result>Virtual folder 'Invoices' successfully removed from web user 'kharris'.
</result>
</ns2:removeVirtualFolderResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options for removing a virtual folder.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
action	The type of action used for working with Virtual Folders. This is used for REST only and must be 'remove'.	Yes/REST	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None

## CLI

The following table lists the available options for removing a virtual folder in GoAnywhere Command using the removeVirtualFolder command.

To remove a virtual folder from a Web User profile, log in as a User with the Web User Manager role.

### EXAMPLE:

The following command will remove a virtual folder from a Web User:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command removeVirtualFolder -username kharris -virtualPath "/Inbound/Invoices"
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None

\*You must specify either a userName or groupName parameter with this command.

# Remove a Virtual Folder from a Web Group

Remove a virtual folder from a Web User Group using the `removeVirtualFolder` command.

To remove a virtual folder from a Web User Group, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups/[groupName]/virtualfolders`

### Body Sample:

```
{
  "action" : "remove",
  "virtualPath" : "/Inbound/Invoices"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:removeVirtualFolder>
      <groupName>Trading Partners</groupName>
      <virtualPath>/Inbound/Invoices</virtualPath>
    </web:removeVirtualFolder>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
```



```
<ns2:removeVirtualFolderResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Virtual folder 'Invoices' successfully removed from web user group 'Trading
Partners'. </result>
</ns2:removeVirtualFolderResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options for removing a virtual folder.

Parameter Name	Description	Required?	Default Value
groupName	The Web User group name.	Yes	None
action	The type of action used for working with Virtual Folders. This is used for REST only and must be 'remove'.	Yes/REST	None
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None

## CLI

The following table lists the available options for removing a virtual folder in GoAnywhere Command using the removeVirtualFolder command.

To remove a virtual folder from a Web User Group, log in as a User with the Web User Manager role.

### EXAMPLE:

The following command will remove a virtual folder from a Web User Group:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command removeVirtualFolder -groupName HTTPSUsers -virtualPath "/Inbound/Invoices"
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None

\*You must specify either a userName or groupName parameter with this command.

# Remove a Web User From a Web User Group

Remove a Web User from a Web User Group using the `removeWebUserFromGroup` command.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/groups`

### Body Sample:

```
{
  "action" : "remove",
  "groupName" : "Trading Partners"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:removeWebUserFromGroup>
      <userName>kharris</userName>
      <groupName>Trading Partners</groupName>
    </web:removeWebUserFromGroup>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body><ns2:removeWebUserFromGroupResponse
xmlns:ns2="http://webservice.goanywhere.com/">
<result>User 'kharris' was successfully removed from group 'Trading Partners'.</result>
</ns2:removeWebUserFromGroupResponse>
</S:Body>
```

```
</S:Envelope>
```

The following table lists the available options when removing a Web User from a Web User Group.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
groupName	The name of the Web User Group the Web User will be removed from.	Yes	None

## CLI

The following table lists the available options when removing a Web User from a Web User Group in GoAnywhere Command using the removeWebUserFromGroup command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command removeWebUserFromGroup -userName jsmith -groupName "Trading Partners"
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
groupName	The name of the Web User Group the Web User will be removed from.	Yes	None

# Remove Web User IP

Remove IP Filter entries for a Web User using the removeWebUserIP command.

## REST

### Method & URL

```
POST http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/  
[userName]/ip
```

### Body Sample:

```
{  
  {
```

```

    "action": "remove",
    "ipAddress" : "10.1.2.77"
  }
}

```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:removeWebUserIP>
      <userName>jsmith</userName>
      <ipAddress>10.1.2.77</ipAddress>
    </web:removeWebUserIP>
  </soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

If successful, the response body is empty.

The following table lists the available options when removing a Web User IP filter.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
ipAddress	The individual IP address, IP address range, or CIDR notation.	Yes	None

## CLI

The following table lists the available options when removing IP filter entries for a Web User in GoAnywhere Command using the removeWebUserIP command.

#### EXAMPLE:

```

gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command removeWebUserIP -userName kharris -ipAddress 10.1.2.77

```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
ipAddress	The individual IP address, IP address range, or CIDR notation.	Yes	None

# Reset Web User Password

Reset a Web User's password for GoAnywhere by using the resetWebUserPassword command.

To manage Web User passwords, authenticate as an Admin User with the Web User Manager role.

**NOTE:**

The resetWebUserPassword command can only be used when the Web User's Login Method is GoAnywhere. No other Login Methods are supported.

## Response Body

If successful, the response body is empty.

## REST

### Method & URL

POST `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/resetpassword`

### Body Sample:

```
{
  "generatePassword": "false",
  "userPassword" : "a2w4f6l09",
  "forcePasswordChange" : "true",
  "displayPassword" : "false",
  "emailPassword" : "true"
}
```

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:resetWebUserPassword>
      <userName>kharris</userName>
      <generatePassword>false</generatePassword>
      <userPassword>a2w4f6l09</userPassword>
      <forcePasswordChange>true
      </forcePasswordChange>
      <displayPassword>false</displayPassword>
      <emailPassword>true</emailPassword>
    </web:resetWebUserPassword>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:resetWebUserPasswordResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Web user 'kharris' password successfully reset.</result>
    </ns2:resetWebUserPasswordResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options for resetting a Web User's password.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
generatePassword	GoAnywhere will generate a password for the Web User.	No	None
userPassword	Password you supply for the Web User. The password must meet the restrictions set in the Web User Password Policy.	No	None
forcePasswordChange	Forces the Web User to change their password on their next log in.	No	None
displayPassword	Displays the password in the response message.	No	None
emailPassword	Emails the new password to the Web User.	No	None

## CLI

The following table lists the available options for resetting a Web User's password in GoAnywhere Command using the `resetWebUserPassword` command.

To manage Web User passwords, log in as a User with the Web User Manager role.

**NOTE:**

The `resetWebUserPassword` command can only be used when the Web User's Login Method is GoAnywhere. No other Login Methods are supported.

**EXAMPLE:**

The following command will reset a Web User password with a password generated by GoAnywhere.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command resetwebuserpassword -username jsmith -generatepassword true
-forcepasswordchange true -displaypassword true -emailpassword true
```

**EXAMPLE:**

The following command will reset a Web User password with the password 'xyz' supplied from within the command.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command resetwebuserpassword -username jsmith -userpassword xyz -displaypassword true
-emailpassword true
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
generatePassword	GoAnywhere will generate a password for the Web User.	No	None
userPassword	Password you supply for the Web User. The password must meet the restrictions set in the Web User Password Policy.	No	None
forcePasswordChange	Forces the Web User to change their password on their next log in.	No	None
displayPassword	Displays the password in the confirmation message on the command window.	No	None
emailPassword	Emails the new password to the Web User.	No	None

## Update Contact

Update a contact to GoAnywhere using the updateContact command.

### REST

#### Method & URL

```
PUT http://[server URL]:[port]/goanywhere/rest/gacmd/v1/addressBooks/
[addressBookName]/updateContact
```

#### Body Sample:



```
{
  "currentEmail": "kharris@example.com",
  "newEmail": "kharris@support.com"
  "newName" : "Kathy Harris",
  "newOrganization" : "Support",
  "newOfficePhone" : "4024444242",
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:updateContact>
      <currentEmail>kharris@example.com</currentEmail>
      <newEmail>kharris@support.com</newEmail>
      <newName>Kathy Harris</newName>
      <newOrganization>Support</newOrganization>
      <newOfficePhone>4024444242</newOfficePhone>
    </web:updateContact>
  </soapenv:Body>
</soapenv:Envelope>
```

### Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body><ns2:updateContactResponse xmlns:ns2="http://webservice.goanywhere.com/">
    <result>Contact 'kharris@example.com' was updated successfully.</result>
  </ns2:updateContactResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options when updating a contact.

Parameter Name	Description	Required?	Default Value
currentEmail	The current email of the contact.	Yes	None
newEmail	The email to add to the contact.	No	None
newName	The name to add to the contact.	No	None
newOrganization	The organization to add to the contact.	No	None

Parameter Name	Description	Required?	Default Value
newOfficePhone	The office phone number to add to the contact.	No	None
newCountryName	The country name to add to the contact.	No	None
newMobilePhone	The mobile phone number to add to the contact. A country name is required, and the format of the phone number must match the mask of the provided country.	No	None
newDescription	The description to add to the contact.	No	None

## CLI

The following table lists the available options when updating a contact in GoAnywhere Command using the updateContact command.

### EXAMPLE:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command updatecontact -addressbook Support -currentemail kharris@example.com -
neworganization Support
```

Parameter Name	Description	Required?	Default Value
addressBook	The unique name of the Address Book containing the contact.	Yes	None
currentEmail	The current email of the contact.	Yes	None
newEmail	The email to add to the contact.	No	None
newName	The name to add to the contact.	No	None
newOrganization	The organization to add to the contact.	No	None
newOfficePhone	The office phone number to add to the contact.	No	None
newCountryName	The country name to add to the contact.	No	None
newMobilePhone	The mobile phone number to add to the contact. A country name is required, and the format of the phone number must match the mask of the provided country.	No	None

Parameter Name	Description	Required?	Default Value
newDescription	The description to add to the contact.	No	None

# Update Virtual File for a Web User

Update a virtual file in a Web User profile using the updateVirtualFile command.

To update a virtual file in a Web User, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

```
PUT http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/virtualfiles
```

### Body Sample:

```
{
  "virtualPath" : "/Inbound/Invoices/Qtr1.csv",
  "physicalPath" : "${homeDirectory}/Inbound/Qtr1.csv",
  "permissions" : ["download","overwrite"]
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:updateVirtualFile>
      <userName>kharris</userName>
      <virtualPath>/Inbound/Invoices/Qtr1.csv
      </virtualPath>
      <physicalPath>${homeDirectory}/Inbound
      /Qtr1.csv</physicalPath>
      <permissions>
        <!--Zero or more repetitions:-->
        <permission>download</permission>
        <permission>overwrite</permission>
      </permissions>
    </web:updateVirtualFile>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:updateVirtualFileResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Virtual file 'Qtr1.csv' associated to web user 'kharris' was successfully
      updated. </result>
    </ns2:updateVirtualFileResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options for updating a virtual file.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None
physicalPath	The physical path to the file that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	No	None
permissions	<p>The permission allowed for the file. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ download</li> <li>■ overwrite</li> <li>■ append</li> <li>■ checksum</li> <li>■ share</li> </ul>	No	Permissions are not changed

## CLI

The following table lists the available options for updating a virtual file in GoAnywhere Command using the updateVirtualFile command.

To update a virtual file in a Web User profile, log in as a User with the Web User Manager role.

### EXAMPLE:

The following command will update the permissions on a virtual file in a Web User's profile:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command updateVirtualFile -username kharris -virtualPath "/Inbound/Invoices/Qtr1.csv"
-permissions download overwrite append share
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None
physicalPath	The physical path to the file that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	No	None
permissions	<p>The permission allowed for the file, separated by spaces. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ download</li> <li>■ overwrite</li> <li>■ append</li> <li>■ checksum</li> <li>■ share</li> </ul>	No	No Permissions

\*You must specify either a userName or groupName parameter with this command.

# Update Virtual File for a Web User Group

Update a virtual file in a Web User Group using the updateVirtualFile command.

To update a virtual file in a Web User Group, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

PUT http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups/[groupName]/virtualfiles

### Body Sample:

```
{
  "virtualPath" : "/Inbound/Invoices/Qtr1.csv",
  "physicalPath" : "${homeDirectory}/
  Inbound/Qtr1.csv",
  "permissions" : ["download","overwrite"]
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:updateVirtualFile>
      <groupName>Trading Partners</groupName>
      <virtualPath>Inbound/Invoices/
      Qtr1.csv</virtualPath>
      <physicalPath>${homeDirectory}/Inbound/
      Qtr1.csv</physicalPath>
      <permissions>
        <!--Zero or more repetitions:-->
        <permission>download</permission>
        <permission>overwrite</permission>
      </permissions>
    </web:updateVirtualFile>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<ns2:updateVirtualFileResponse xmlns:ns2="http://webservice.goanywhere.com/">
<result>Virtual file 'Qtr1.csv' associated to web user group 'Trading Partners' was
successfully updated. </result>
</ns2:updateVirtualFileResponse>
</S:Body>
</S:Envelope>
```

The following table lists the available options for updating a virtual file.

Parameter Name	Description	Required?	Default Value
groupName	The Web User group name.	Yes	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None
physicalPath	The physical path to the file that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	No	None
permissions	<p>The permission allowed for the file. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ download</li> <li>■ overwrite</li> <li>■ append</li> <li>■ checksum</li> <li>■ share</li> </ul>	No	Permissions are not changed

## CLI

The following table lists the available options for updating a virtual file in GoAnywhere Command using the updateVirtualFile command.

To update a virtual file in a Web User Group, log in as a User with the Web User Manager role.

### EXAMPLE:

The following command will update the permissions on a virtual file in a Web User Group:



```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere  
-command updateVirtualFile -groupName HTTPSUsers -virtualPath  
"/Inbound/Invoices/Qtr1.csv"  
-permissions download overwrite append share
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None
virtualPath	The relative path of the file as it appears to Web Users.	Yes	None
physicalPath	The physical path to the file that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	No	None
permissions	<p>The permission allowed for the file, separated by spaces. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"><li>■ download</li><li>■ overwrite</li><li>■ append</li><li>■ checksum</li><li>■ share</li></ul>	No	No Permissions

\*You must specify either a userName or groupName parameter with this command.

# Update a Virtual Folder for a Web User

Update a virtual folder in a Web User profile using the updateVirtualFolder command.

To update a virtual folder in a Web User profile, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

```
PUT http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]/virtualfolders
```

### Body Sample:

```
{
  "virtualPath" : "/Inbound/Invoices",
  "physicalPath" : "${homeDirectory}/Inbound",
  "diskQuota" : "10MB"
  "permissions" : ["download","overwrite"]
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:updateVirtualFolder>
      <userName>kharris</userName>
      <virtualPath>/Inbound/Invoices</virtualPath>
      <physicalPath>${homeDirectory}/Inbound</physicalPath>
      <diskQuota>10MB</diskQuota>
      <permissions>
        <!--Zero or more repetitions:-->
        <permission>download</permission>
        <permission>overwrite</permission>
      </permissions>
    </web:updateVirtualFolder>
  </soapenv:Body>
</soapenv:Envelope>
```

## Response Body Sample

```
<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:updateVirtualFolderResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Virtual folder 'Invoices' associated to web user 'kharris' was successfully
      updated. </result>
    </ns2:updateVirtualFolderResponse>
  </S:Body>
</S:Envelope>
```

The following table lists the available options for updating a virtual folder.

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes	None
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None
physicalPath	The physical path to the folder that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	No	None
diskQuota	Specifies the folder disk size limit. Maximum value is 999999 in measurements of KB, MB, GB, or TB. You can also specify unlimited, or inherited. When no value is specified, the disk size limit is not changed. Measurements are case sensitive, and cannot contain any spaces between value and measurement.  <b>Example:</b> 100GB	No	None

Parameter Name	Description	Required?	Default Value
permissions	<p>The permissions allowed for the folder. If this parameter is supplied without any values, the permissions are reset using no permissions.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>■ list</li> <li>■ download</li> <li>■ upload</li> <li>■ overwrite</li> <li>■ renameFiles</li> <li>■ deleteFiles</li> <li>■ checksum</li> <li>■ share</li> <li>■ createSubfolders</li> <li>■ renameSubfolders</li> <li>■ deleteSubfolders</li> <li>■ shareSubfolders</li> <li>■ applyToSubfolders</li> <li>■ append</li> </ul>	No	Permissions are not changed

## CLI

The following table lists the available options for updating a virtual folder in GoAnywhere Command using the `updateVirtualFolder` command. To update a virtual folder in a Web User profile, log in as a User with the Web User Manager role.

### EXAMPLE:

The following command will update the permissions of a virtual folder in a Web User's profile:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command updateVirtualFolder -username kharris -virtualPath "/Inbound/Invoices"
-permissions list download
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None

Parameter Name	Description	Required?	Default Value
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None
physicalPath	The physical path to the folder that the virtual path refers to. The physical path can contain the Web User's <code>\${homeDirectory}</code> variable.	No	None
diskQuota	Specifies the folder disk size limit. Maximum value is 999999 in measurements of KB, MB, GB, or TB. You can also specify unlimited, or inherited. When no value is specified, the disk size limit is not changed. Measurements are case sensitive, and cannot contain any spaces between value and measurement.  <b>Example:</b> 100GB	No	None
permissions	The permissions allowed for the folder, separated by spaces. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are: <ul style="list-style-type: none"> <li>■ list</li> <li>■ download</li> <li>■ upload</li> <li>■ overwrite</li> <li>■ renameFiles</li> <li>■ deleteFiles</li> <li>■ checksum</li> <li>■ share</li> <li>■ createSubfolders</li> <li>■ renameSubfolders</li> <li>■ deleteSubfolders</li> <li>■ shareSubfolders</li> <li>■ applyToSubfolders</li> <li>■ append</li> </ul>	No	No Permissions

\*You must specify either a `userName` or `groupName` parameter with this command.

# Update Virtual Folder for a Web User Group

Update a virtual folder in a Web User Group using the `updateVirtualFolder` command.

To update a virtual folder in a Web User Group, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

PUT `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webgroups/[groupName]/virtualfolders`

### Body Sample:

```
{
  "virtualPath" : "/Inbound/Invoices",
  "physicalPath" : "${homeDirectory}/Inbound",
  "diskQuota" : "10MB"
  "permissions" : ["download","overwrite"]
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:updateVirtualFolder>
      <groupName>Administrators</groupName>
      <virtualPath>/Inbound
/Invoices</virtualPath>
      <physicalPath>${homeDirectory}
/Inbound</physicalPath>
      <diskQuota>10MB</diskQuota>
      <permissions>
        <!--Zero or more repetitions:-->
        <permission>download</permission>
        <permission>overwrite</permission>
      </permissions>
    </web:updateVirtualFolder>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </web:updateVirtualFolder>
  </soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:updateVirtualFolderResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Virtual folder 'Invoices' associated to web user group 'Administrators' was
      successfully updated. </result>
    </ns2:updateVirtualFolderResponse>
  </S:Body>
</S:Envelope>

```

The following table lists the available options for updating a virtual folder.

Parameter Name	Description	Required?	Default Value
groupName	The Web User group name.	Yes	None
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None
physicalPath	The physical path to the folder that the virtual path refers to. The physical path can contain the Web User's \${homeDirectory} variable.	No	None
diskQuota	Specifies the folder disk size limit. Maximum value is 999999 in measurements of KB, MB, GB, or TB. You can also specify unlimited, or inherited. When no value is specified, the disk size limit is not changed. Measurements are case sensitive, and cannot contain any spaces between value and measurement.  <b>Example:</b> 100GB	No	None

Parameter Name	Description	Required?	Default Value
permissions	<p>The permissions allowed for the folder. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are:</p> <ul style="list-style-type: none"> <li>■ list</li> <li>■ download</li> <li>■ upload</li> <li>■ overwrite</li> <li>■ renameFiles</li> <li>■ deleteFiles</li> <li>■ checksum</li> <li>■ share</li> <li>■ createSubfolders</li> <li>■ renameSubfolders</li> <li>■ deleteSubfolders</li> <li>■ shareSubfolders</li> <li>■ applyToSubfolders</li> <li>■ append</li> </ul>	No	Permissions are not changed

## CLI

The following table lists the available options for updating a virtual folder in GoAnywhere Command using the updateVirtualFolder command.

### EXAMPLE:

The following command will update the permissions of a virtual folder in a Web User Group:

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command updateVirtualFolder -groupName HTTPSUsers -virtualPath "/Inbound/Invoices"
-permissions list download
```

Parameter Name	Description	Required?	Default Value
userName	The Web User account name.	Yes*	None
groupName	The Web User group name.	Yes*	None



Parameter Name	Description	Required?	Default Value
virtualPath	The relative path of the folder as it appears to Web Users.	Yes	None
physicalPath	The physical path to the folder that the virtual path refers to. The physical path can contain the Web User's <code>\${homeDirectory}</code> variable.	No	None
diskQuota	Specifies the folder disk size limit. Maximum value is 999999 in measurements of KB, MB, GB, or TB. You can also specify unlimited, or inherited. When no value is specified, the disk size limit is not changed. Measurements are case sensitive, and cannot contain any spaces between value and measurement.  <b>Example:</b> 100GB	No	None
permissions	The permissions allowed for the folder, separated by spaces. If this parameter is supplied without any values, the permissions are reset using no permissions. Valid values are: <ul style="list-style-type: none"> <li>■ list</li> <li>■ download</li> <li>■ upload</li> <li>■ overwrite</li> <li>■ renameFiles</li> <li>■ deleteFiles</li> <li>■ checksum</li> <li>■ share</li> <li>■ createSubfolders</li> <li>■ renameSubfolders</li> <li>■ deleteSubfolders</li> <li>■ shareSubfolders</li> <li>■ applyToSubfolders</li> <li>■ append</li> </ul>	No	No Permissions

\*You must specify either a `userName` or `groupName` parameter with this command.

# Update Web User

The update Web User command allows you to edit Web User profile information. Web User accounts can also be enabled or disabled using this command. Only values specified will be updated.

To update Web User profiles, authenticate as an Admin User with the Web User Manager role.

## REST

### Method & URL

```
PUT http://[server URL]:[port]/goanywhere/rest/gacmd/v1/webusers/[userName]
```

### Body Sample:

```
{
  "firstName" : "Kathy",
  "lastName" : "Harris",
  "email" : "kharris@example.com",
  "phoneNumber" : "4029444242",
  "description" : "Web User",
  "servicePermissions" : ['ftp','sftp'],
  "enabled" : "true"
}
```

### Response Body

If successful, the response body is empty.

## SOAP

### Envelope Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.goanywhere.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:updateWebUser>
      <userName>kharris</userName>
      <firstName>Kathy</firstName>
      <lastName>Harris</lastName>
      <email>kharris@example.com</email>
      <description>Web User</description>
      <organization>IT</organization>
      <phone>4029444242</phone>
      <servicePermissions>
        <!--Zero or more repetitions:-->
        <servicePermission>gofast</servicePermission>
        <servicePermission>as2</servicePermission>
      </servicePermissions>
    </web:updateWebUser>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </servicePermissions>
    <enabled>true</enabled>
  </web:updateWebUser>
</soapenv:Body>
</soapenv:Envelope>

```

### Response Body Sample

```

<?xml version='1.0' encoding='UTF-8'?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:updateWebUserResponse xmlns:ns2="http://webservice.goanywhere.com/">
      <result>Web user 'kharris' was updated successfully.</result>
    </ns2:updateWebUserResponse>
  </S:Body>
</S:Envelope>

```

The following table lists the available options for updating a Web User.

Parameter Name	Description	Required?	Default Value
userName	The Web User's account name.	Yes	None
firstName	The Web User's first name.	No	None
lastName	The Web User's last name.	No	None
email	The Web User's email address.	No	None
description	A description for the Web User account.	No	None
organization	A description of the Web User's organization.	No	None
phoneNumber	The Web User's office phone number.	No	None
mobilePhoneNumber	The Web User's mobile phone number.	No	None
mobilePhoneCountry	The country associated with the Web User's mobile phone number.	No	None

Parameter Name	Description	Required?	Default Value
loginMethod	The login method to be used for this Web User. Valid values are *default or the name of the login method. If changing the login method to GoAnywhere, you may also need to run the resetWebUserPassword command to set the user password and password specific options.	No	None
allowUserToChangePassword	This option makes a Change Password link available at the top of the page in the HTTPS Web Client.	No	None
passwordExpirationInterval	If authenticating the Web User account against the GoAnywhere database, the password expiration interval determines how long before a password expires.	No	None
enabled	Enable or disable a Web User account.	No	None
authCertificateKeyLocation	The location of certificates to be used for this Web User's authentication. Valid values are keyVault or File.	No	None
authCertificateKeyVault	The Key Vault that contains the certificates to be used for authentication.	No	None
httpsFingerprint	The SHA1 fingerprint of the certificate to use for HTTPS authentication.	No	None

Parameter Name	Description	Required?	Default Value
as2Fingerprint	The SHA1 fingerprint of the certificate to use for AS2 authentication.	No	None
as4Fingerprint	The SHA1 fingerprint of the certificate to use for AS4 authentication.	No	None
ftpesFingerprint	The SHA1 fingerprint of the certificate to use for FTPES (Explicit SSL) authentication.	No	None
ftpsFingerprint	The SHA1 fingerprint of the certificate to use for FTPS (Implicit SSL) authentication.	No	None
gofastFingerprint	The SHA1 fingerprint of the certificate to use for GoFast authentication.	No	None
pesitFingerprint	The PeSIT SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
httpsAuthType	The Authentication Type for the HTTPS service. Valid values are password, certificate, either, or both.	No	None
as2AuthType	The Authentication Type for the AS2 service. Valid values are password, certificate, either, or both.	No	None
as4AuthType	The Authentication Type for the AS4 service. Valid values are password, certificate, either, or both.	No	None

Parameter Name	Description	Required?	Default Value
ftpesAuthType	The Authentication Type for the FTPES service. Valid values are password, certificate, either, or both.	No	None
ftpsAuthType	The Authentication Type for the FTPS service. Valid values are password, certificate, either, or both.	No	None
gofastAuthType	The Authentication Type for the GoFast service. Valid values are password, certificate, either, or both.	No	None
pesitAuthType	The Authentication Type for the PeSIT service. Valid values are password, certificate, either, or both.	No	None
sftpAuthType	The Authentication Type for the SFTP service. Valid values are password, publicKey, either, or both.	No	None
httpsTwoFactorAuthType	The two factor authentication method for the HTTPS service. Valid values are radius, totp, none, or gotp.	No	None
servicePermissions	The services this user can access, separated by spaces. Valid values are as2, as4, ftp, ftps, gofast, https, and sftp. <b>Example:</b> ['ftps', 'gofast', 'https']	No	None
goDrivePermission	The permission to use GoDrive. Valid values are true or false.	No	None

Parameter Name	Description	Required?	Default Value
goDriveAccess	The level of access to GoDrive. Valid values are full, or view.	No	None
goDriveDiskSpaceLimit	Specifies the GoDrive size limit. Maximum value is 9999 in measurements of KB, MB, GB, or TB. Measurements are case sensitive and cannot contain any spaces between the value and measurement. <b>Example:</b> 100GB.	No	None
goDriveLinkPermission	The permission to create links for GoDrive. Valid values are true or false.	No	None
secureFoldersPermission	The permission to use Secure Folders. Valid values are true or false.	No	None
secureFormsPermisson	The permission to use Secure Forms. Valid values are true or false.	No	None
sendSecureMailPermission	The permission to send Secure Mail. Valid values are true or false.	No	None
sendInvitationsPermission	The permission to send invitations for self registration. Valid values are true or false.	No	None
viewActivityReportPermission	The permission to view the activity report. Valid values are true or false.	No	None
maxConcurrentSessions	The number of sessions this user can have at one time. Valid values are number or *unlimited.	No	None

Parameter Name	Description	Required?	Default Value
enableIpFilter	The IP Filter can be enabled or disabled at the individual Web User level. Valid values are true or false.	No	None
ipFilterType	The IP Filter can be configured as a whitelist or a blacklist. Valid values are blacklist or whitelist.	No	None
accountExpiresOn	If you would like the Web User account to expire on a certain date, enter the date. If specified, the Web User will not be able to login on or after that date. Valid values are never or Use the iso date format yyyy-mm-dd.	No	None
limitTimeOfDay	To limit the time period in which the Web User can login. Valid values are *unlimited or use the 24hr time format. <b>Example:</b> 0800-1700 will limit login time from 8 A.M. to 5 P.M.	No	None
limitedDays	To limit which days of the week the Web User can login. Valid values are *unlimited, sun, mon, tue, wed, thu, fri, and sat.	No	None



Parameter Name	Description	Required?	Default Value
inactiveDays	The Web User account can be disabled after a number of inactive days. Inactive days are calculated from the last login date or the last date the account was modified. Valid values are: *default, *never, or the number of days after last login.	No	None
as2Id	The AS2 ID of the sender (Web User). The AS2 ID is case sensitive and can be 1 to 128 ASCII printable characters in length.	No	None
as2MessageDecryptionKeyLocation	Specify the location for the certificate used to decrypt the message. Valid values are keyVault or file.	No	None
as2MessageDecryptionKeyVault	Specify the Key Vault that contains the certificate. *default uses the Domains default Key Vault.	No	None
as2MessageDecryptionKeyName	Specify the key name of the desired certificate. This is either the key name or the certificate alias if using file based keys.	No	None
as2MessageDecryptionKeyPassword	Specify the password of the desired certificate.	No	None
as2SignatureKeyLocation	Specify the location for the public certificate used to verify the this Web User's signature. Valid values are keyVault or file.		

Parameter Name	Description	Required?	Default Value
as2SignatureKeyVault	Specify the Key Vault that contains the certificate. *default uses the Domains default Key Vault.	No	None
as2SignatureKeyName	Specify the key name of the desired certificate.	No	None
as2DefaultUploadFolder	The location where AS2 messages are saved when received (uploaded). The default location is the default home directory for the Web User. Valid values are *default, *home, file path to desired storage location.	No	None
as2WhenFileExists	The file action to perform when a file already exists. Valid values are default, overwrite, rename, or append error.	No	None
as2RequireEncryption	This option indicates whether or not messages sent by this Web User must be encrypted. Valid values are true, false, or default.	No	None
as2RequireSignature	A signed message contains a digital signature from the sender to further authenticate the message. If signatures are required, any unsigned message sent by this Web User will be rejected. Valid values are true, false, or default.	No	None

Parameter Name	Description	Required?	Default Value
as2RequireAuthentication	Require username/password or certificate authentication for messages uploads. If authentication is not required, GoAnywhere will use the AS2 ID to identify the Web User. Valid values are true, false, or default.	No	None
as2AsynchronousMDNApproval	If a return receipt is requested by the Web User, select if the MDN will be sent automatically during the Web User's session or manually after the message is processed. Valid values are default, manual, or automatic.	No	None
as2MDNSignatureKeyLocation	Specify the location for the certificate used to decrypt the MDN message. Valid values are keyVault or file.	No	None
as2MDNSignatureKeyVault	Specify the Key Vault that contains the signature certificate. *default uses the Domains default Key Vault.	No	None
as2MDNSignatureKeyName	Specify the key name of the desired certificate.	No	None
as2MDNSignatureKeyPassword	Specify the password of the desired certificate.	No	None
as2SignatureAlgorithmFormat	The format of the signature algorithm. Valid values are default, rfc3851, or rfc5751.	No	None

Parameter Name	Description	Required?	Default Value
addressBookPersonal	Allow the Web User to use the personal address book in the GoAnywhere Web Client. Valid values are true or false.	No	None
addressBookRestrictShared	Restrict the Web User to using only address books created and shared by an admin. Valid values are true or false.	No	None

## CLI

The `updateWebUser` command allows you to edit Web User profile information. Web User accounts can also be enabled or disabled using this command. Only values specified will be updated. The following table lists the available options for updating a Web User in GoAnywhere Command.

To update Web User profiles, log in as a User with the Web User Manager role.

### EXAMPLE:

The following command will enable a Web User.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command updateWebUser -username jsmith -enabled true
```

### EXAMPLE:

The following command updates Web User profile information.

```
gacmd.exe -server http://10.1.4.1:8000/goanywhere -user root -password goanywhere
-command updateWebUser -username jsmith -firstName John -lastName Smith -organization
"acme inc" -phoneNumber "402-555-0011" -servicePermissions AS2 FTP FTPS GoFast
HTTPS
```

Parameter Name	Description	Required?	Default Value
userName	The Web User's account name.	Yes	None
firstName	The Web User's first name.	No	None
lastName	The Web User's last name.	No	None

Parameter Name	Description	Required?	Default Value
email	The Web User's email address.	No	None
description	<p>A description for the Web User account. Place the description in double quotes ( " ") to support spaces.</p> <p><b>Example:</b> -description "trading partner"</p>	No	None
organization	<p>A description of the Web User's organization. Place the description in double quotes ( " ") to support spaces.</p> <p><b>Example:</b> -organization "acme inc"</p>	No	None
phoneNumber	<p>The Web User's office phone number. Place the number in double quotes ( " ") to support dashes.</p> <p><b>Example:</b> -phoneNumber "402-555-0011"</p>	No	None
mobilePhoneNumber	The Web User's mobile phone number.	No	None
mobilePhoneCountry	The country associated with the Web User's mobile phone number.	No	None

Parameter Name	Description	Required?	Default Value
loginMethod	The login method to be used for this Web User. Valid values are *default or the name of the login method. If changing the login method to GoAnywhere, you may also need to run the resetWebUserPassword command to set the user password and password specific options.	No	None
allowUserToChangePassword	This option makes a Change Password link available at the top of the page in the HTTPS Web Client.	No	None
passwordExpirationInterval	If authenticating the Web User account against the GoAnywhere database, the password expiration interval determines how long before a password expires.	No	None
enabled	Enable or disable a Web User account.	No	None
authCertificateKeyLocation	The location of certificates to be used for this Web User's authentication. Valid values are keyVault or file.	No	None
authCertificateKeyVault	The Key Vault that contains the certificates to be used for authentication.	No	None

Parameter Name	Description	Required?	Default Value
httpsFingerprint	The SHA1 fingerprint of the certificate to use for HTTPS authentication.	No	None
as2Fingerprint	The SHA1 fingerprint of the certificate to use for AS2 authentication.	No	None
as4Fingerprint	The SHA1 fingerprint of the certificate to use for AS4 authentication.	No	None
ftpesFingerprint	The SHA1 fingerprint of the certificate to use for FTPES (Explicit SSL) authentication.	No	None
ftpsFingerprint	The SHA1 fingerprint of the certificate to use for FTPS (Implicit SSL) authentication type.	No	None
gofastFingerprint	The SHA1 fingerprint of the certificate to use for GoFast authentication.	No	None
pesitFingerprint	The PeSIT SHA1 fingerprint for the Web User. Only specify this option if the Web User authenticates using a Certificate.	No	None
httpsAuthType	The Authentication Type for the HTTPS service. Valid values are password, certificate, either, or both.	No	None
as2AuthType	The Authentication Type for the AS2 service. Valid values are password, certificate, either, or both.	No	None

Parameter Name	Description	Required?	Default Value
as4AuthType	The Authentication Type for the AS4 service. Valid values are password, certificate, either, or both.	No	None
ftpesAuthType	The Authentication Type for the FTPES service. Valid values are password, certificate, either, or both.	No	None
ftpsAuthType	The Authentication Type for the FTPS service. Valid values are password, certificate, either, or both.	No	None
gofastAuthType	The Authentication Type for the GoFast service. Valid values are password, certificate, either, or both.	No	None
pesitAuthType	The Authentication Type for the PeSIT service. Valid values are password, certificate, either, or both.	No	None
sftpAuthType	The Authentication Type for the SFTP service. Valid values are password, certificate, either, or both.	No	None
httpsTwoFactorAuthType	The two factor authentication method for the HTTPS service. Valid values are radius, totp, none, or gotp.	No	None
servicePermissions	The services this user can access, separated by spaces. Valid values are as2, ftp, ftps, gofast, https, and sftp. <b>Example:</b> ftp ftps sftp	No	None



Parameter Name	Description	Required?	Default Value
goDrivePermission	The permission to use GoDrive. Valid values are true or false.	No	None
goDriveAccess	The level of access to GoDrive. Valid values are full or view.	No	None
goDriveDiskSpaceLimit	Specifies the GoDrive size limit. Maximum value is 9999 in measurements of KB, MB, GB, or TB. Measurements are case sensitive and cannot contain any spaces between the value and measurement. <b>Example:</b> 100GB	No	None
goDriveLinkPermission	The permission to create links for GoDrive. Valid values are true or false.	No	None
secureFoldersPermission	The permission to use Secure Folders. Valid values are true or false.	No	None
secureFormsPermisson	The permission to use Secure Forms. Valid values are true or false.	No	None
sendSecureMailPermission	The permission to send Secure Mail. Valid values are true or false.	No	None
sendInvitationsPermission	The permission to send invitations for self registration. Valid values are true or false.	No	None
viewActivityReportPermission	The permission to view the activity report. Valid values are true or false.	No	None

Parameter Name	Description	Required?	Default Value
maxConcurrentSessions	The number of sessions this user can have at one time. Valid values are number or *unlimited.	No	None
enableIpFilter	The IP Filter can be enabled or disabled at the individual Web User level. Valid values are true or false.	No	None
ipFilterType	The IP Filter can be configured as a whitelist or a blacklist. Valid values are blacklist or whitelist.	No	None
accountExpiresOn	If you would like the Web User account to expire on a certain date, enter the date. If specified, the Web User will not be able to login on or after that date. Valid values are never or Use the iso date format yyyy-mm-dd.	No	None
limitTimeOfDay	To limit the time period in which the Web User can login. Valid values are *unlimited or use the 24hr time format. <b>Example:</b> 0800-1700 will limit login time from 8 A.M. to 5 P.M.	No	None
limitedDays	To limit which days of the week the Web User can login. Valid values are *unlimited, sun, mon, tue, wed, thu, fri, and sat.	No	None

Parameter Name	Description	Required?	Default Value
inactiveDays	The Web User account can be disabled after a number of inactive days. Inactive days are calculated from the last login date or the last date the account was modified. Valid values are *default, *never, or the number of days after last login.	No	None
as2Id	The AS2 ID of the sender (Web User). The AS2 ID is case sensitive and can be 1 to 128 ASCII printable characters in length.	No	None
as2MessageDecryptionKeyLocation	Specify the location for the certificate used to decrypt the message. Valid values are keyVault or file.	No	None
as2MessageDecryptionKeyVault	Specify the Key Vault that contains the certificate. *default uses the Domains default Key Vault.	No	None
as2MessageDecryptionKeyName	Specify the key name of the desired certificate. This is either the key name or the certificate alias if using file based keys.	No	None
as2MessageDecryptionKeyPassword	Specify the password of the desired certificate.	No	None
as2SignatureKeyLocation	Specify the location for the public certificate used to verify the this Web User's signature. Valid values are keyVault or file.	No	None

Parameter Name	Description	Required?	Default Value
as2SignatureKeyVault	Specify the Key Vault that contains the certificate. *default uses the Domains default Key Vault.	No	None
as2SignatureKeyName	Specify the key name of the desired certificate.	No	None
as2DefaultUploadFolder	The location where AS2 messages are saved when received (uploaded). The default location is the default home directory for the Web User. Valid values are *default, *home, file path to desired storage location.	No	None
as2WhenFileExists	The file action to perform when a file already exists. Valid values are default, overwrite, rename, or append error.	No	None
as2RequireEncryption	This option indicates whether or not messages sent by this Web User must be encrypted. Valid values are true, false, or default.	No	None
as2RequireSignature	A signed message contains a digital signature from the sender to further authenticate the message. If signatures are required, any unsigned message sent by this Web User will be rejected. Valid values are true, false, or default.	No	None

Parameter Name	Description	Required?	Default Value
as2RequireAuthentication	Require username/password or certificate authentication for messages uploads. If authentication is not required, GoAnywhere will use the AS2 ID to identify the Web User. Valid values are true, false, or default.	No	None
as2AsynchronousMDNApproval	If a return receipt is requested by the Web User, select if the MDN will be sent automatically during the Web User's session or manually after the message is processed. Valid values are default, manual, or automatic	No	None
as2MDNSignatureKeyLocation	Specify the location for the certificate used to decrypt the MDN message. Valid values are keyVault or file.	No	None
as2MDNSignatureKeyVault	Specify the Key Vault that contains the signature certificate. *default uses the Domains default Key Vault.	No	None
as2MDNSignatureKeyName	Specify the key name of the desired certificate.	No	None
as2MDNSignatureKeyPassword	Specify the password of the desired certificate.	No	None
as2SignatureAlgorithmFormat	The format of the signature algorithm. Valid values are default, rfc3851, or rfc5751.	No	None

Parameter Name	Description	Required?	Default Value
addressBookPersonal	Allow the Web User to use the personal address book in the GoAnywhere Web Client. Valid values are true or false.	No	None
addressBookRestrictShared	Restrict the Web User to using only address books created and shared by an admin. Valid values are true or false.	No	None

# Dashboard Gadget Commands

The GoAnywhere MFT Dashboard provides 26 Gadgets that allow administrators to quickly display vital GoAnywhere statistics and activity. The data provided in the Dashboard can be accessed by using REST Get requests.

## Active Jobs

Returns details for the active Jobs in the queue.

To retrieve active job details, authenticate as an Admin User with the Job Manager or Project Executor role.

### REST Method & URL

GET `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/jobs/active`

### JSON Output Sample:

```
{
  "data":
  [
    {
      "jobNumber": 10000000000110,
      "startTime" : "03-21-17 03:03:11 PM",
      "project" : "Daily Transfer"
    }
  ]
}
```

## Active Sessions - Detail

Returns the service, IP address, user, device, and connection information for each active session.

To retrieve active session details, authenticate as an Admin User with the Product Administrator role.

### REST Method & URL

GET `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/services/sessions`

### REST URL Example with Query Parameters

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/services/sessions?services=1&max_rows=20`

The following table lists the available query parameters when getting Active Sessions.

Parameter Name	Description	Required?	Default Value
services	<p>The GoAnywhere Services that will be returned from the request. Valid values are:</p> <ul style="list-style-type: none"> <li>• 1 - returns HTTPS sessions</li> <li>• 2 - returns FTP sessions</li> <li>• 4 - returns FTPS sessions</li> <li>• 8 - returns SFTP sessions</li> <li>• 16 - returns AS2 sessions</li> <li>• 32 - returns GoFast sessions</li> <li>• 64 - returns Agent sessions</li> <li>• 128 - returns Admin sessions</li> <li>• 256 - returns AS4 sessions</li> <li>• 512 - returns PeSIT sessions</li> </ul>	No	All
max_rows	The number of records that will be returned.	No	5

#### JSON Output Sample:

```
{
  "data:"
  [
    {
      "service": "https",
      "userName": "kharris",
      "remoteAddress": "0:0:0:0:0:0:0:1",
      "gateway": true,
      "localAddress": "0:0:0:0:0:0:0:1",
      "localPort": 443,
      "bytesSent": 0,
      "bytesReceived": 0
    }
  ]
}
```

## Active Sessions - Summary

Returns the number of active sessions by service.

To retrieve sessions summary details, authenticate as an Admin User with the Product Administrator role.



## REST Method & URL

```
GET http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/services/sessions/summary
```

## REST URL Example with Query Parameters

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/services/sessions/summary?service=1
```

The following table lists the available query parameters when getting sessions summary details.

Parameter Name	Description	Required?	Default Value
service	<p>Specify the GoAnywhere modules that will be included in the service statistics. Valid values are:</p> <ul style="list-style-type: none"><li>• 1 - HTTPS</li><li>• 2 - FTP</li><li>• 4 - FTPS</li><li>• 8 - SFTP</li><li>• 16 - AS2</li><li>• 32 - GoFast</li><li>• 64 - Agent</li><li>• 128 - Admin</li><li>• 256 - AS4</li><li>• 512 - PeSIT</li></ul>	No	All

## JSON Output Sample:

```
{  
  "data":  
    [  
      {  
        "sessionCount": "1",  
        "serviceName": "HTTPS"  
      }  
    ]  
}
```

# Cluster Information

Returns the status of all nodes in a cluster.

To retrieve cluster details, authenticate as an Admin User with the Product Administrator role.

**REST Method & URL**

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/system/cluster`

**JSON Output Sample:**

```
{
  "data":
  [
    {
      "name": "prod_01",
      "role" : "Participant",
      "address" : "10.1.2.43",
      "port" : "8006",
      "status" : "Active",
      "statusLastUpdated" : "04-19-2012 02:47:50 PM"
    }
  ]
}
```

**Status Values for Clusters:**

- Active
- Inactive

## Completed Jobs - Summary

Returns the number of completed Jobs for the specified date range.

To retrieve completed Jobs details, authenticate as an Admin User with the Auditor, Job Manager, or Project Executor role.

**REST Method & URL**

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/activity/jobs/completed/summary`

**REST URL Example with Query Parameters**

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/jobs/completed/summary?date_range=1&status=2`

The following table lists the available query parameters when getting the Completed Jobs Summary.

Parameter Name	Description	Required?	Default Value
date_range	The scope of the statistics based on date and time. Valid values are: <ul style="list-style-type: none"><li>• 1 - today (default value)</li><li>• 2 - yesterday</li><li>• 7 - last 7 days</li><li>• 30 - last 30 days</li><li>• 90 - last 90 days</li><li>• 180 - last 180 days</li><li>• 365 - last 365 days</li></ul>	No	Today
group_by	Determines how the statistics are grouped by. Valid values are: <ul style="list-style-type: none"><li>• 1 - hour (default value)</li><li>• 2 - day of week</li><li>• 3 - day of month</li><li>• 4 - month</li></ul>	No	Hour
status	Narrow the results by Job Status. Valid values are: <ul style="list-style-type: none"><li>• 2 - success</li><li>• 4 - failed</li><li>• 8 - canceled</li></ul>	No	All

**JSON Output Sample:**

```
{
  "data" :
  [
    {
      "label": "0",
      "count" : 50
    }
  ]
}
```

## Expiring OpenPGP Keys

Returns OpenPGP keys that are set to expire.

To retrieve expiring OpenPGP key details, authenticate as an Admin User with the Key Manager role.

### REST Method & URL

```
GET http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/system/pgpkeys/expiring
```

### REST URL Example with Query Parameters

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/system/pgpkeys/expiring?  
date_range=365
```

The following table lists the available query parameters when getting Expiring OpenPGP keys.

Parameter Name	Description	Required?	Default Value
date_range	The scope of the statistics based on date and time. Valid values are: <ul style="list-style-type: none"><li>• 1 - today</li><li>• 2 - tomorrow</li><li>• 7 - next 7 days</li><li>• 30 - next 30 days (default value)</li><li>• 90 - next 90 days</li><li>• 180 - next 180 days</li><li>• 365 - next 365 days</li></ul>	No	Next 30 Days

### JSON Output Sample:

```
{  
  "data" :  
  [  
    {  
      "keyID": "3121459703709493829",  
      "userName" : "File Encryption  
        \u003ckharris@example.com\u003e",  
      "expiresOn" : "06-01-2017 11:59:58 PM"  
    }  
  ]  
}
```

## Expiring SSL Certificates

Returns SSL Certificates that are set to expire.

To retrieve expiring SSL Certificate details, authenticate as an Admin User with the Key Manager role.

### REST Method & URL

```
GET http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/system/certificates/expiring
```

### REST URL Example with Query Parameters

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/system/certificates/expiring?date_range=365
```

The following table lists the available query parameters when getting expiring SSL Certificates.

Parameter Name	Description	Required?	Default Value
date_range	The scope of the statistics based on date and time. Valid values are: <ul style="list-style-type: none"><li>• 1 - today</li><li>• 2 - tomorrow</li><li>• 7 - next 7 days</li><li>• 30 - next 30 days (default value)</li><li>• 90 - next 90 days</li><li>• 180 - next 180 days</li><li>• 365 - next 365 days</li></ul>	No	Next 30 Days

### JSON Output Sample:

```
{  
  "data" :  
  [  
    {  
      "alias": "secure file transfer",  
      "subject" : "www.example.com",  
      "expiresOn" : "06-01-2017 11:59:58 PM"  
    }  
  ]  
}
```

## File Transfer - Summary

Returns the number of file transfers for a specified service.

To retrieve file transfer summary details, authenticate as an Admin User with the Auditor role.

**REST Method & URL**

GET `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/filetransfers/summary`

**REST URL Example with Query Parameters**

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/filetransfers/summary?module=1&date_range=365`

The following table lists the available query parameters when getting File Transfer statistics.

Parameter Name	Description	Required?	Default Value
module	Specify the GoAnywhere modules that will be included in the file transfer statistics. Valid values are: <ul style="list-style-type: none"> <li>• 1 - AS2</li> <li>• 2 - FTP</li> <li>• 4 - FTPS</li> <li>• 8 - SFTP</li> <li>• 16 - GoFast</li> <li>• 32 - GoDrive</li> <li>• 64 - Projects</li> <li>• 128 - Secure Folders</li> <li>• 256 - Secure Forms</li> <li>• 512 - Triggers</li> <li>• 1024 - Secure Mail</li> <li>• 2048 - AS4</li> <li>• 4096 - PeSIT</li> </ul>	No	All

Parameter Name	Description	Required?	Default Value
date_range	<p>The scope of the statistics based on date and time. Valid values are:</p> <ul style="list-style-type: none"> <li>• 1 - today</li> <li>• 2 - yesterday</li> <li>• 7 - last 7 days</li> <li>• 30 - last 30 days</li> <li>• 90 - last 90 days</li> <li>• 180 - last 180 days</li> <li>• 365 - last 365 days</li> </ul>	No	Today
group_by	<p>Determines how the statistics are grouped by. Valid values are:</p> <ul style="list-style-type: none"> <li>• 1 - hour (default value)</li> <li>• 2 - day of week</li> <li>• 3 - day of month</li> <li>• 4 - month</li> </ul>	No	Hour

**JSON Output Sample:**

```
{
  "data" :
  [
    {
      "label": "0",
      "count" : 100
    }
  ]
}
```

## Gateway Information

Returns information about GoAnywhere Gateway.

To retrieve Gateway details, authenticate as an Admin User with the Product Administrator role.

**REST Method & URL**

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/system/gateway`

**JSON Output Sample:**

```
{
  "data":
  [
    {
      "enabled": "true",
      "address" : "10.1.2.43",
      "status": "CONNECTED",
      "activeProxies": 4
    }
  ]
}
```

**Status Values for Gateways:**

- CONNECTING
- CONNECTED
- DISCONNECTING
- DISCONNECTED
- RETRYING

## Job Statistics

Returns the number of active, completed, failed, or canceled jobs for the specified date range.

To retrieve Job Statistic details, authenticate as an Admin User with the Auditor, Job Manager, or Project Executor role.

**REST Method & URL**

```
GET http://[server URL]:
[port]/goanywhere/rest/gacmd/v1/activity/jobs/statistics
```

**REST URL Example with Query Parameters**

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/jobs/statistics
?date_range=180
```

The following table lists the available query parameters when getting Job Statistics.



Parameter Name	Description	Required?	Default Value
date_range	<p>The scope of the statistics based on date and time. Valid values are:</p> <ul style="list-style-type: none"><li>• 1 - today (default value)</li><li>• 2 - yesterday</li><li>• 7 - last 7 days</li><li>• 30 - last 30 days</li><li>• 90 - last 90 days</li><li>• 180 - last 180 days</li><li>• 365 - last 365 days</li></ul>	No	Today

**JSON Output Sample:**

```
{
  "data": [
    {
      "activeCount": 400,
      "successfulCount": 1000000,
      "failedCount": 0,
      "canceledCount": 15
    }
  ]
}
```

## Recent Blacklisted IP Addresses - Detail

Returns recently blacklisted IP addresses.

To retrieve Blacklisted IP Address details, authenticate as an Admin User with the Security Officer role.

**REST Method & URL**

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/system/ips/blacklisted`

**REST URL Example with Query Parameters**

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/system/ips/blacklisted?date_range=30`

The following table lists the available query parameters when getting Recent Blacklisted IP Addresses.

Parameter Name	Description	Required?	Default Value
date_range	The scope of the statistics based on date and time. Valid values are: <ul style="list-style-type: none"> <li>• 1 - today</li> <li>• 2 - yesterday</li> <li>• 7 - last 7 days (default value)</li> <li>• 30 - last 30 days</li> </ul>	No	Last 7 Days
max_rows	The number of records that will be returned.	No	5

**JSON Output Sample:**

```
{
  "data": [
    {
      "remoteAddress": "10.1.1.205",
      "reason": "Brute-force",
      "date": "02-28-17 08:40:10 AM"
    }
  ]
}
```

## Recent Completed Jobs

Returns the most recent completed Jobs and their completion status.

To retrieve completed Jobs details, authenticate as an Admin User with the Auditor, Job Manager, or Project Executor role.

**REST Method & URL**

```
GET http://[server URL]:
[port]/goanywhere/rest/gacmd/v1/activity/jobs/completed
```

**REST URL Example with Query Parameters**

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/jobs/completed?
status=2
```

The following table lists the available query parameters when getting recently completed Jobs.

Parameter Name	Description	Required?	Default Value
status	Narrow the results by Job Status. Valid values are: <ul style="list-style-type: none"><li>• 2 - success</li><li>• 4 - failed</li><li>• 8 - canceled</li></ul>	No	All
max_rows	The number of records that will be returned.	No	5

**JSON Output Sample:**

```
{
  "data": [
    {
      "jobNumber": "100000000016",
      "status": "S",
      "project": "Call Agent Project",
      "userName": "root",
      "endTime": "3/28/17 4:02:00 PM"
    }
  ]
}
```

## Recent File Activity

Returns the recent files that have been transferred, the module that was used to transfer the files, and the user who initiated the transfer.

To retrieve recent file activity details, authenticate as an Admin User with the Auditor role.

**REST Method & URL**

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/activity/file`

**REST URL Example with Query Parameters**

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/file?status=2&module=256`

The following table lists the available query parameters when getting recent file activity.

Parameter Name	Description	Required?	Default Value
status	Narrow the results by transfer status. Valid values are: <ul style="list-style-type: none"> <li>• 2 - success</li> <li>• 4 - failed</li> <li>• 8 - warning</li> </ul>	No	All
module	Specify the GoAnywhere modules that will be included in the file transfer statistics. Valid values are: <ul style="list-style-type: none"> <li>• 1 - AS2</li> <li>• 2 - FTP</li> <li>• 4 - FTPS</li> <li>• 8 - SFTP</li> <li>• 16 - GoFast</li> <li>• 32 - GoDrive</li> <li>• 64 - Projects</li> <li>• 128 - Secure Folders</li> <li>• 256 - Secure Forms</li> <li>• 512 - Triggers</li> <li>• 1024 - Secure Mail</li> <li>• 2048 - AS4</li> <li>• 4096 - PeSIT</li> </ul>	No	All
max_rows	The number of records that will be returned.	No	5

**JSON Output Sample:**

```
{
  "data:"
  [
    {
      "filePath": "W:\\gamft\\userdata\\packages\\2017-04-12\\3f8a0d00-63ca-4a57-b272-dcb1283b8539\\image001.png",
      "status": "Successful",
      "activity": "Download Attachment",
      "moduleName": "Secure Mail",
      "userName": "kharris",
    }
  ]
}
```

**Status Values for File Activity:**

- Warning
- Failed
- Successful

## Recent Secure Mail Activity

Returns recent Secure Mail activity, the recipient of the Secure Mail message, and the message status.

To retrieve Recent Secure Mail details, authenticate as an Admin User with the Secure Mail Manager role.

**REST Method & URL**

```
GET http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/securemail
```

**REST URL Example with Query Parameters**

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/securemail?max_  
rows=20
```

The following table lists the available query parameters when getting recent Secure Mail activity.

Parameter Name	Description	Required?	Default Value
max_rows	The number of records that will be returned.	No	5

**JSON Output Sample:**

```
{  
  "data":  
    [  
      {  
        "userName": "kharris",  
        "date": "04-12-2017 01:50:08 PM",  
        "toAddress": "tim@example.com",  
        "ccAddress": "mhatfield@example.com",  
        "bccAddress": "kathy.harris@goanywhere.com",  
        "status": "Active"  
      }  
    ]  
}
```

# Recent Triggers

Returns recent Trigger activity and the status of the Trigger event.

To retrieve recent Trigger details, authenticate as an Admin User with the Auditor or Trigger Manager role.

## REST Method & URL

```
GET http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/triggers
```

## REST URL Example with Query Parameters

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/triggers?status  
=2
```

The following table lists the available query parameters when getting Recent Triggers.

Parameter Name	Description	Required?	Default Value
status	Narrow the results by status. Valid values are: <ul style="list-style-type: none"><li>• 1 - active</li><li>• 2 - success</li><li>• 4 - failed</li></ul>	No	All
max_rows	The number of records that will be returned.	No	5

## JSON Output Sample:

```
{  
  "data":  
    [  
      {  
        "name": "File Upload Trigger",  
        "date": "04-19-2017 02:50:15 PM",  
        "event": "Upload Successful",  
        "status": "S"  
      }  
    ]  
}
```

**Status Values for Triggers:**

- A - Active
- S - Successful
- F - Failed

## Recent Web User Activity

Returns recent Web User activity, the modules impacted, and the status of the activity.

To retrieve recent Web User activity details, authenticate as an Admin User with the Auditor role.

**REST Method & URL**

```
GET http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/webusers
```

**REST URL Example with Query Parameters**

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/webusers?status  
=2&module=1
```

The following table lists the available query parameters when getting recent Web User activity.

Parameter Name	Description	Required?	Default Value
status	Narrow the results by status. Valid values are: <ul style="list-style-type: none"><li>• 2 - success</li><li>• 4 - failed</li><li>• 8 - warning</li></ul>	No	All

Parameter Name	Description	Required?	Default Value
module	Specify the GoAnywhere modules that will be included in the Web User statistics. Valid values are: <ul style="list-style-type: none"> <li>• 1 - AS2</li> <li>• 2 - FTP</li> <li>• 4 - FTPS</li> <li>• 8 - SFTP</li> <li>• 16 - GoFast</li> <li>• 32 - GoDrive</li> <li>• 128 - Secure Folders</li> <li>• 256 - Secure Forms</li> <li>• 1024 - Secure Mail</li> <li>• 2048 - AS4</li> <li>• 4096 - PeSIT</li> </ul>	No	All
max_rows	The number of records that will be returned.	No	5

**JSON Output Sample:**

```
{
  "data": [
    {
      "userName": "kharris",
      "date": "04-19-2017 02:50:15 PM",
      "activity": "Upload",
      "module": "Secure Folders",
      "status": "Successful"
    }
  ]
}
```

**Status Values for Web User Activity:**

- Warning
- Failed
- Successful



# Recent Web User Logins

Returns the most recent Web User Logins, the date and time the Web User logged in, the service they logged in to, and the status of the login attempt.

To retrieve recent Web User login details, authenticate as an Admin User with the Web Users Manager role.

## REST Method & URL

GET `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/webusers/logins`

## REST URL Example with Query Parameters

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/webusers/logins  
?status=2`

The following table lists the available query parameters when getting recent Web User logins.

Parameter Name	Description	Required?	Default Value
status	Narrow the results by status. Valid values are: <ul style="list-style-type: none"><li>• 2 - success</li><li>• 4 - failed</li><li>• 8 - warning</li></ul>	No	All
service	Specify the GoAnywhere modules that will be included in the Web User statistics. Valid values are: <ul style="list-style-type: none"><li>• 1 - HTTPS</li><li>• 2 - FTP</li><li>• 4 - FTPS</li><li>• 8 - SFTP</li><li>• 16 - AS2</li><li>• 32 - GoFast</li><li>• 64 - AS4</li><li>• 128 - PeSIT</li></ul>	No	All
max_rows	The number of records that will be returned.	No	5

**JSON Output Sample:**

```
{
  "data":
  [
    {
      "userName": "kharris",
      "firstName": "Kathy",
      "lastName": "Harris",
      "status": "S",
      "service": "HTTPS",
      "loggedOn": "04-13-2017 02:33:33 PM"
    }
  ]
}
```

**Status Values for Web User Logins:**

- W - Warning
- F - Failed
- S - Successful

## Service Statistics - Inbound Connections

Returns upload and download file transfer activity for services.

To retrieve service statistics, authenticate as an Admin User with the Auditor role.

**REST Method & URL**

```
GET http://[server URL]:
[port]/goanywhere/rest/gacmd/v1/services/statistics
```

**REST URL Example with Query Parameters**

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/services/statistics?date_range=365&service=1
```

The following table lists the available query parameters when getting service statistics.

Parameter Name	Description	Required?	Default Value
date_range	The scope of the statistics based on date and time. Valid values are: <ul style="list-style-type: none"><li>• 1 - today (default value)</li><li>• 2 - yesterday</li><li>• 7 - last 7 days</li><li>• 30 - last 30 days</li><li>• 90 - last 90 days</li><li>• 180 - last 180 days</li><li>• 365 - last 365 days</li></ul>	No	Today
service	Specify the GoAnywhere modules that will be included in the service statistics. Valid values are: <ul style="list-style-type: none"><li>• 1 - HTTPS</li><li>• 2 - FTP</li><li>• 4 - FTPS</li><li>• 8 - SFTP</li><li>• 16 - AS2</li><li>• 32 - GoFast</li><li>• 64 - AS4</li><li>• 128 - PeSIT</li></ul>	No	All

**JSON Output Sample:**

```
{
  "data": [
    {
      "uploads": 260,
      "downloads": "3000"
    }
  ]
}
```

## Service Status

Returns the status and active sessions for each file transfer service.

To retrieve service details, authenticate as an Admin User with the Product Administrator role.

**REST Method & URL**

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/services/status`

**REST URL Example with Query Parameters**

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/services/status?services=1`

The following table lists the available query parameters when getting service information.

Parameter Name	Description	Required?	Default Value
services	Specify the GoAnywhere modules that will be included in the service statistics. Valid values are: <ul style="list-style-type: none"> <li>• 1 - HTTPS, AS2/4</li> <li>• 2 - FTP</li> <li>• 4 - FTPS</li> <li>• 8 - SFTP</li> <li>• 32 - GoFast</li> <li>• 64 - Agents</li> <li>• 512 - PeSIT</li> </ul>	No	All

**JSON Output Sample:**

```
{
  "data": [
    {
      "service": "https",
      "status": "STARTED",
      "activeSessions": "1"
    }
  ]
}
```

**Status Values for Services:**

- STARTING
- STOPPING
- STARTED
- STOPPED

# System Information

Returns system information and GoAnywhere license details.

To retrieve system and license information, authenticate as an Admin User with the Product Administrator role.

### REST Method & URL

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/system/info`

### JSON Output Sample:

```
{
  "data": [
    {
      "productVersion": "5.5.0",
      "operatingSystem": "Windows",
      "javaVersion": "1.7.0_60",
      "licenseInfo": {
        "licenseType": "PERM",
        "createdOn": "03-22-2017 12:00:00 AM",
        "expiresOn": "03-22-2018 12:00:00 AM",
        "activatedOn": "03-22-2017 12:00:00 AM",
        "activatedBy": "Sample User",
        "serverID": "ZZZZ-ZZZZ-ZZZZ-ZZZZ",
        "features": [
          {
            "name": "Advanced Workflows",
            "description": "GoAnywhere Advanced Workflow tasks"
          }
        ]
      }
    }
  ]
}
```

## System Status

Returns system memory use information. All memory statistics are in megabytes (MB).

To retrieve system information details, authenticate as an Admin User with the Product Administrator role.

### REST Method & URL

GET `http://[server URL]:[port]/goanywhere/rest/gacmd/v1/system/status`

### JSON Output Sample:

```
{
  "data": [
    {
      "heapMemoryUsed": 191,
      "heapMemoryCommitted": 415,
      "heapMemoryInitial": 253,
    }
  ]
}
```

```

    "heapMemoryMaximum": 1820,
    "nonHeapMemoryUsed": 83,
    "nonHeapMemoryCommitted": 83,
    "nonHeapMemoryInitial": 23,
    "nonHeapMemoryMaximum": 432,
    "activeThreadCount": 82,
    "peakThreadCount": 87
  }
]
}

```

## Top GoDrive Users by Disk Usage

Returns the Web Users who have the most files stored in GoDrive.

To retrieve top GoDrive Web User details, authenticate as an Admin User with the GoDrive Manager role.

### REST Method & URL

GET `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/webusers/godrive/disk`

### REST URL Example with Query Parameters

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/webusers/godrive/disk?max_rows=50`

The following table lists the available query parameters when getting top GoDrive users by disk usage.

Parameter Name	Description	Required?	Default Value
max_rows	The number of records that will be returned.	No	5

### JSON Output Sample:

```

{
  "data":
  [
    {
      "userName": "kharris",
      "firstName": "Kathy",
      "lastName": "Harris",
      "diskUsage": "2.62 GB"
    }
  ]
}

```

# Top Secure Mail Packages by Size

Returns the Web Users who have the largest Secure Mail Packages, and the recipient's email address where the Package was sent.

To retrieve the top Secure Mail Packages by size, authenticate as an Admin User with the Secure Mail Manager role.

## REST Method & URL

```
GET http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/securemail/size
```

## REST URL Example with Query Parameters

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/securemail/size  
?max_rows=10
```

The following table lists the available query parameters when getting the top Secure Mail Packages by size.

Parameter Name	Description	Required?	Default Value
max_rows	The number of records that will be returned.	No	5

## JSON Output Sample:

```
{  
  "data":  
    [  
      {  
        "userName": "kharris",  
        "toAddress": "jsmith@example.com",  
        "ccAddress": "mhatfield@example.com",  
        "bccAddress": "kathy.harris@goanywhere.com",  
        "status": "Active",  
        "size": "71.13 MB"  
      }  
    ]  
}
```

# Top Secure Mail Users by Disk Usage

Returns the Web Users who utilize the largest amount of file storage in Secure Mail.

To retrieve Secure Packages by disk usage details, authenticate as an Admin User with the Secure Mail Manager role.

**REST Method & URL**

GET `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/securemail/disk`

**REST URL Example with Query Parameters**

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/securemail/disk  
?max_rows=100`

The following table lists the available query parameters when getting the top Secure Packages by disk usage.

Parameter Name	Description	Required?	Default Value
max_rows	The number of records that will be returned.	No	5

**JSON Output Sample:**

```
{
  "data":
  [
    {
      "userName": "kharris",
      "firstName": "Kathy",
      "lastName": "Harris",
      "diskUsage": "90.87 MB"
    }
  ]
}
```

# Top Web Users by Transfers

Returns the Web Users who have the most file upload and download activity across each of the selected modules.

To retrieve top Web Users by transfer details, authenticate as an Admin User with the Web Users Manager role.

**REST Method & URL**

GET `http://[server URL]:  
[port]/goanywhere/rest/gacmd/v1/activity/webusers/transfers`

**REST URL Example with Query Parameters**

`http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/webusers/transfers?date_range=365`



The following table lists the available query parameters when getting the top Web Users by transfer.

Parameter Name	Description	Required?	Default Value
transfer_type	<p>The type of file transfer to return, either upload or download. Valid values are:</p> <ul style="list-style-type: none"> <li>• 1 - upload</li> <li>• 2 - download</li> </ul>	No	All
module	<p>Specify the GoAnywhere modules that will be included in the file transfer statistics. Valid values are:</p> <ul style="list-style-type: none"> <li>• 1 - AS2</li> <li>• 2 - FTP</li> <li>• 4 - FTPS</li> <li>• 8 - SFTP</li> <li>• 16 - GoFast</li> <li>• 32 - GoDrive</li> <li>• 64 - Projects</li> <li>• 128 - Secure Folders</li> <li>• 256 - Secure Forms</li> <li>• 512 - Triggers</li> <li>• 1024 - Secure Mail</li> <li>• 2048 - AS4</li> <li>• 4096 - PeSIT</li> </ul>	No	All
date_range	<p>The scope of the statistics based on date and time. Valid values are:</p> <ul style="list-style-type: none"> <li>• 1 - today</li> <li>• 2 - yesterday</li> <li>• 7 - last 7 days</li> <li>• 30 - last 30 days</li> <li>• 90 - last 90 days</li> <li>• 180 - last 180 days</li> <li>• 365 - last 365 days</li> </ul>	No	Today

Parameter Name	Description	Required?	Default Value
summarize_by	Determines how the statistics are summarized. Valid values are: <ul style="list-style-type: none"> <li>1 - Number of Transfers (default value)</li> <li>2 - Bytes Transferred</li> </ul>	No	Number of Transfers
max_rows	The number of records that will be returned.	No	5

**JSON Output Sample:**

```
{
  "data": [
    {
      "userName": "kharris",
      "firstName": "Kathy",
      "lastName": "Harris",
      "transfers": 41
    }
  ]
}
```

## Unresolved Jobs

Returns the failed or canceled Jobs that have not been marked Resolved from the Completed Jobs page.

To retrieve unresolved Job details, authenticate as an Admin User with the Auditor, Job Manager, or Project Executor role.

**REST Method & URL**

```
GET http://[server URL]:
[port]/goanywhere/rest/gacmd/v1/activity/jobs/unresolved
```

**REST URL Example with Query Parameters**

```
http://10.1.2.43:8000/goanywhere/rest/gacmd/v1/activity/jobs/unresolved
?date_range=365
```

The following table lists the available query parameters when getting unresolved Jobs.

Parameter Name	Description	Required?	Default Value
status	Narrow the results by Job status. Valid values are: <ul style="list-style-type: none"><li>• 4 - failed</li><li>• 8 - canceled</li></ul>	No	All
date_range	The scope of the statistics based on date and time. Valid values are: <ul style="list-style-type: none"><li>• 1 - today</li><li>• 2 - yesterday</li><li>• 7 - last 7 days (default value)</li><li>• 30 - last 30 days</li><li>• 90 - last 90 days</li><li>• 180 - last 180 days</li><li>• 365 - last 365 days</li></ul>	No	Last 7 days
max_rows	The number of records that will be returned.	No	5

**JSON Output Sample:**

```
{
  "data": [
    {
      "jobNumber": 1000000000011,
      "status": "F",
      "project": "Daily Transfer",
      "userName": "root",
      "endTime": "3/21/17 3:03:11 PM"
    }
  ]
}
```

**Status Values for Unresolved Jobs:**

- F - Failed
- C - Canceled