

# Authenticating with flexVDI Manager

By default, flexVDI Manager requires a session to be authenticated before it can send any kind of query or task.

The authentication process requires sending the proper credentials in a JSON message. If the authentication success, Manager's answer will inject a session cookie, which needs to be preserved and included in the next HTTP requests.

## Format

<b>Method</b>	POST
<b>URL</b>	/authenticate
<b>Request contents</b>	<b>Authenticate</b> Object
<b>Answer contents</b>	<b>AuthResult</b> Object
<b>Unexpected error format</b>	HTTP 500

## Authenticate Object

### Schema

<b>username</b>	String	flexVDI Manager's registered username
<b>password</b>	String	Password for this username

### JSON example

```
{
  "username": "admin",
  "password": "flexvdi"
}
```

## AuthResult Object

### Schema

<b>status</b>	String	Authentication result. Either "Error" or "OK"
<b>message</b>	String	Session identification string

### JSON example

```
{
  "status": "OK",
  "message": "27d2b548-0284-4bd1-ad28-f3419d930aa3"
}
```

## Disabling flexVDI Manager authentication

Disabling flexVDI Manager authentication can be useful sometimes, as it allows to send queries and tasks directly to every interface, without doing any kind of session validation. This shouldn't be done in production or publicly exposed environments.

To disable flexVDI Manager authentication requirement, follow these steps:

1. Log into Manager's instance using SSH.
2. Edit `/flexvdi/external/manager/application.conf`
3. Change `flexvdi.secure_server` option from `on tooff`
4. Restart Manager with the this command: `service flexvdi-manager restart`

# Logout

The current session can be destroyed with this API call. As a result, an empty session cookie is returned.

## Format

<b>Method</b>	GET
<b>URL</b>	/logout
<b>Request contents</b>	None
<b>Answer contents</b>	<b>ManagerResult</b> Object
<b>Unexpected error format</b>	HTTP 500

## ManagerResult Object

### Schema

<b>status</b>	String	Always "OK"
<b>message</b>	String	Informative message