

BOMGAR™

Bomgar Verify
HTML Authentication API

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HTML Authentication API

Note: Both GET (URL format) and POST HTML requests are supported. POST is considered more secure because URL data can be cached in the browser.

HTML URL Format

```
http(s)://your_bomgarverify_server/secserver?FLAG=DESKTOP&VERSION=2.0&
STATUS=AUTH&USERID=(my_userid)&PASSCODE=(6 digit passcode to check)&
SESSIONKEY=(SESSIONKEY value if known)
```

HTML POST Format

```
POST to http(s)://your_bomgarverify_server/secserver
```

Headers:

```
Content-Type: text/html; charset=UTF8
```

Data:

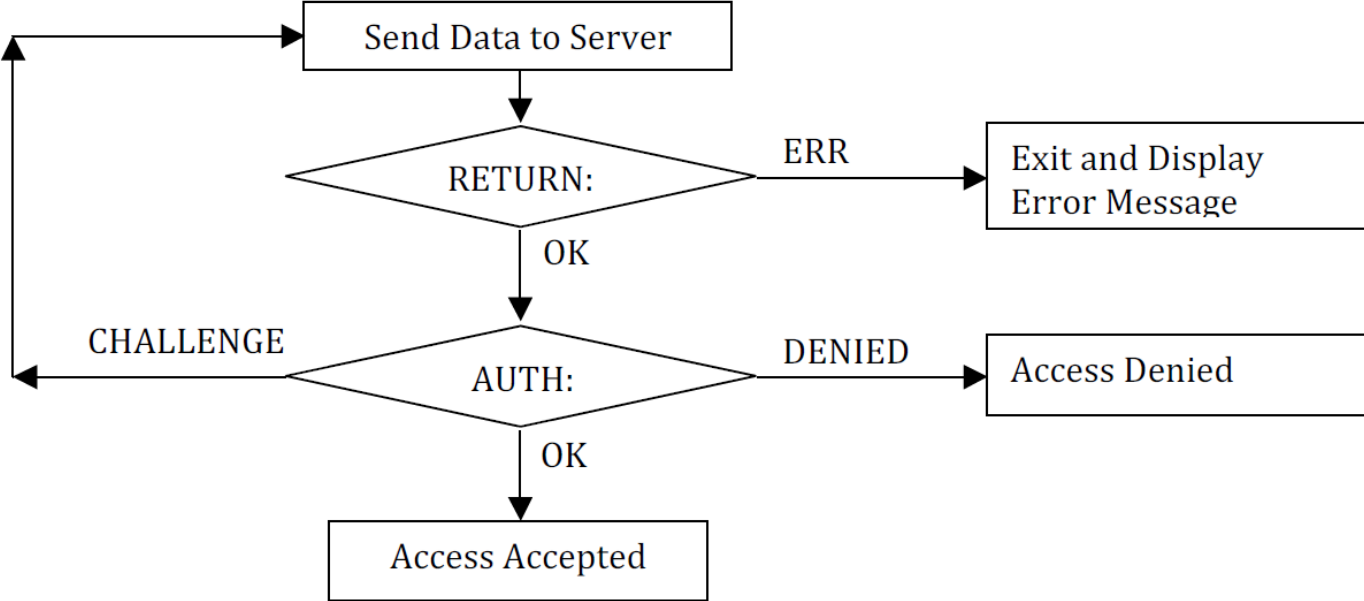
```
FLAG: DESKTOP
VERSION: 2.0
STATUS: AUTH
USERID: (Userid of user authenticating including domain example fred@mydomain.com)
PASSCODE:(6 digit passcode to check)
SESSIONKEY:(return this from previous SESSIONKEY value if known)
```

Return:

```
VERSION: 7.3.501 (the server sides version for information only)
RETURN: OK or ERR and an error message
AUTH: OK, DENIED, or CHALLENGE
```

Additional Return if Auth: CHALLENGE

```
SESSIONKEY: (This key MUST be return in the next connection)
REALTIMECHALLENGE: (Optional, if return this text should be displayed to the user)
```



Examples

Example HTML URL for Two Step SMS Real-Time

Client sends the following URL:

```
https://your_bomgarverify_server/secserver?FLAG=DESKTOP&VERSION=2.0& STATUS=AUTH&USERID=fred@mydomain.com &PASSCODE=
```

Server returns:

```
VERSION:7.3.501
RETURN:OK
AUTH:CHALLENGE
SESSIONKEY:SE4E3A0A6202452F87F5757AD407003AA4D5295BB2
REALTIMECHALLENGE:Enter Your 6 Digit Passcode
GETPASSCODE:True
```

Because CHALLENGE was returned, client sends the following:

```
https://your_bomgarverify_server/secserver?FLAG=DESKTOP&VERSION=2.0& STATUS=AUTH&USERID=fred@mydomain.com &PASSCODE=234123& SESSIONKEY=SE4E3A0A6202452F87F5757AD407003AA4D5295BB2
```

Server returns:

```
VERSION:7.3.501
RETURN:OK
AUTH:OK
```

Example HTML POST for Two Step SMS Real-Time

Clients sends the following raw data:

```
Content-Type: text/html; charset=UTF8 (2 carriage returns to end html headers)

FLAG: DESKTOP
VERSION: 2.0
STATUS: AUTH
USERID: fred@mydomain.com (the userid of the user authenticating)
PASSCODE: (leave this blank as it's not known at this stage)
```

Server Returns:

```
VERSION:7.3.501
RETURN:OK
AUTH:CHALLENGE
SESSIONKEY:SE4E3A0A6202452F87F5757AD407003AA4D5295BB2
REALTIMECHALLENGE:Enter Your 6 Digit Passcode
GETPASSCODE:True
```

Client sends the following:

```
FLAG:DESKTOP
VERSION:2.0
STATUS:AUTH
USERID:fred@mydomain.com (the userid of the user authenticating)
PASSCODE:234123 (The 6 digit passcode entered by the user)
SESSIONKEY:SE4E3A0A6202452F87F5757AD407003AA4D5295BB2
```

Server returns:

```
VERSION:7.3.501
RETURN:OK
AUTH:OK
```

Example POST for Pre-Loaded SMS in One Step

Client sends the following:

```
Content-Type: text/html; charset=UTF8

FLAG:DESKTOP
VERSION:2.0
STATUS:AUTH
USERID:fred@mydomain.com (the userid of the user authenticating)
PASSCODE:234123 (The 6 digit passcode entered by the user)
```

Server returns:

```
VERSION:7.3.501
RETURN:OK
AUTH:OK
```

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