



Virtual Access Internet B.V.
Technical Documentation

Member Management

VXSBill Member Management – Validate.php script /
Mysql.php script

VXSBill Interface

The options explained in this document:

- 1) Post back
- A) Validate.php sample script
- B) Mysql.php sample script

Attention: The IP (range) of the server that calls our application needs to be registered in VXSBill.

Member Management

1) Post back:

We do a post back on member add/delete/update/rebill to your server. Below you find the sample validate script which you can use on your side if you use basic authentication.

We do an http POST to your server with the following info:

mode	char(10)	add, delete, update or rebill
id	int	unique member id
username	char(10)	username
password	char(10)	password
site	int	site id
package	int	package id
email	char(50)	email address
price	int	price (Only send with mode=add)
currency	char(3)	currency (Only send with mode=add)
first_name	char(25)	First name (Only send with mode=add)
last_name	char(25)	Last name (Only send with mode=add)
zip	char(25)	Zip (Only send with mode=add)
city	char(50)	City (Only send with mode=add)
country	int	Country code (Only send with mode=add)
user_1	char(25)	user parameter 1 (Only send with mode=add)
user_2	char(25)	user parameter 2 (Only send with mode=add)

To test the postback mechanism you can go to 'Members/Add test account' in our backend to create test memberships. Once added you get the post back to the specified url. Updates you can test by changing password info after 'Member/search' and deletes you can see by setting the membership to 'cancel immediately'. The post backs on updates and deletes are queued so you might have to wait a few minutes before you see them appear. Add's are instant.

Basically you only need to update the location of \$dbfile in validate.php to have it working for basic authentication.

If you use session based authentication you can also use validate_mysql.php as an example. This is based on a session based mysql authentication scheme we use a lot for our customers. This file also shows on top the fields we post back to your server.

A) Mysql.php sample script:

```
<?
    $ip = "62.129.128.";

    $p_id = $_POST['id'];
    $p_mode = $_POST['mode'];
    $p_site = $_POST['site'];
    $p_username = $_POST['username'];
    $p_password = $_POST['password'];
    $p_package = $_POST['package'];

    /*
    Parameters send to the script with data types.

    mode          char(10)      add, delete, update or rebill
    id             int           unique member id
    username       char(10)      username
    password       char(10)      password
    site           int           site id
    package        int           package id
    email          char(50)      email address
    price          int           price                (Only send with mode=add)
    currency       char(3)       currency        (Only send with mode=add)
    first_name     char(25)      First name     (Only send with mode=add)
    last_name      char(25)      Last name     (Only send with mode=add)
    zip            char(25)      Zip           (Only send with mode=add)
    city           char(50)      City          (Only send with mode=add)
    country        int           Country code   (Only send with mode=add)
    user_1         char(25)      user parameter 1 (Only send with mode=add)
    user_2         char(25)      user parameter 2 (Only send with mode=add)
    */

    function connect_members() {
        return mysqli_connect('localhost', 'user', 'pass', 'db');
    }

    $pos = strpos($_SERVER['REMOTE_ADDR'], $ip);

    if ($pos === false || $pos != 0) {
        echo("Security failure $REMOTE_ADDR");
        return;
    }

    if (!$conn = connect_members()) {
        echo("Database error");
        return;
    }

    switch ($p_mode) {

        case 'add':

            $res = mysqli_query($conn, "insert into members
(id,username,password,site_id,package) values
('$p_id','$p_username','$p_password','$p_site','$p_package')");

            if (!$res) {
                $ret_str = "User add failed: ".mysqli_error($ocnn);
            }
            else {
                $ret_str = "EZBILL: REQUEST OK:    Add $p_username";
            }
        }
    }

```

```

    }
    break;
case 'update':
    $res = mysqli_query($conn, "update members set password='$p_password'
where id='$p_id'");
    if (!$res) {
        $ret_str = "User update failed: ".mysqli_error($conn);
    }
    else {
        $ret_str = "EZBILL: REQUEST OK:    Update $p_username";
    }
    break;
case 'delete':
    $res = mysqli_query($conn, "delete from members where id='$p_id'");
    if (!$res) {
        $ret_str = "User delete failed: ".mysqli_error($conn);
    }
    else {
        $ret_str = "EZBILL: REQUEST OK:    delete $p_username";
    }
    break;
case 'rebill':
    $ret_str = "EZBILL: REQUEST OK:";
    break;
default:
    $ret_str = "Mode not set : $p_username $p_password";
    break;
}
echo($ret_str);
?>

```

B) Validate.php sample script:

```
<?
    $ip = "62.129.128.";
    $dbfile = "/usr/local/dbase/.htpasswd";

    $p_username = $_POST['username'];
    $p_password = $_POST['password'];
    $p_mode = $_POST["mode"];

    function user_exists($username, $dbfile) {

        $users = file($dbfile);

        for ($cnt=0; $cnt<count($users); $cnt++) {

            $pos = strpos($users[$cnt], "$username:");

            if ($pos !== false && $pos == 0) {
                return 1;
            }
        }

        return 0;
    }

    function user_delete($username, $dbfile) {

        $users = file($dbfile);

        for ($cnt=0; $cnt<count($users); $cnt++) {

            $pos = strpos($users[$cnt], "$username:");

            if ($pos === false || $pos > 0) {
                $new_users .= $users[$cnt];
            }
        }

        $fp = fopen($dbfile, "w");
        flock ($fp,2);
        fwrite ($fp, $new_users);
        fclose ($fp);

        if (user_exists($username, $dbfile)) {
            return 0;
        }

        return 1;
    }

    function user_add($username, $password, $dbfile) {

        if (user_exists($username, $dbfile)) {
            return 1;
        }

        $fp = fopen($dbfile, "a");
        flock ($fp,2);
        fwrite ($fp, "$username:".crypt($password)."\n");
        fclose ($fp);

        return user_exists($username, $dbfile);
    }
}
```

```

$pos = strpos($_SERVER['REMOTE_ADDR'], $ip);

if ($pos !== false && $pos == 0) {

    set_time_limit(0);
    clearstatcache();

    switch ($p_mode) {

        case 'add':

            if (user_add($p_username, $p_password, $dbfile)) {
                $ret_str = "EZBILL: REQUEST OK: Add $p_username";
            }
            else {
                $ret_str = "User add failed for $p_username.";
            }

            break;

        case 'update':

            $ret_str = "User update failed for $p_username.";

            if (user_delete($p_username, $dbfile)) {
                if (user_add($p_username, $p_password, $dbfile)) {
                    $ret_str = "EZBILL: REQUEST OK: Update
$p_username";
                }
            }

            break;

        case 'delete':

            if (user_delete($p_username, $dbfile)) {
                $ret_str = "EZBILL: REQUEST OK: Del $p_username";
            }
            else {
                $ret_str = "User delete failed for $p_username.";
            }

            break;

        case 'rebill':

            $ret_str = "EZBILL: REQUEST OK: rebill";
            break;

        default:

            $ret_str = "Mode not found: $p_username $p_password";
            break;

    }
} else {
    $ret_str = "Security failure ".$_SERVER['REMOTE_ADDR'].".";
}

echo($ret_str);

if ($fp = fopen("/tmp/validator", "a")) {
    fputs($fp, date("M j H:i:s ").$ret_str."\n");
    fclose($fp);
}

?>

```