



ViMP 4.0

Documentation Single-Sign-On

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Request URL

`http://your.domain.tld/sso`

Request Method

POST

Content Type

`application/xml`

Functions

Login

Request

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="login" />
  <username>username</username>
  <password>password_md5</password>
  <authentication>
    <user>auth_user</user>
    <password>auth_password_md5</password>
  </authentication>
</sso>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="login" success="true"/>
  <session>v25m8as8q14qv0hol96ea5ure3</session>
</sso>
```

resp.

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="login" success="false"/>
  <message>message</message>
</sso>
```

User information

Request

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="info" />
  <session>v25m8as8q14qv0hol96ea5ure3</session>
  <authentication>
    <user>auth_user</user>
    <password>auth_password_md5</password>
  </authentication>
</sso>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="info" success="true"/>
  <session>v25m8as8q14qv0hol96ea5ure3</session>
  <data>
    <userid>1</userid>
    <username>admin</username>
    <email>admin@example.com</email>
    <firstname>Administrator</firstname>
    <lastname>Admin</lastname>
    <gender>male</gender>
    <birthday />
    <city>München</city>
    <country>Deutschland</country>
  </data>
</sso>
```

resp.

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="info" success="false"/>
  <message>message</message>
</sso>
```

Verify session

Request

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="info" />
  <session>v25m8as8q14qv0hol96ea5ure3</session>
  <authentication>
    <user>auth_user</user>
    <password>auth_password_md5</password>
  </authentication>
</sso>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="verify" success="true"/>
  <session>v25m8as8q14qv0hol96ea5ure3</session>
</sso>
```

resp.

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="verify" success="false"/>
  <message>message</message>
</sso>
```

Logout

Request

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="logout" />
  <session>v25m8as8q14qv0hol96ea5ure3</session>
  <authentication>
    <user>auth_user</user>
    <password>auth_password_md5</password>
  </authentication>
</sso>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="logout" success="true"/>
  <session>7g6tqu35d28men66s94nkardq6</session>
</sso>
```

resp.

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="logout" success="false"/>
  <message>message</message>
</sso>
```

Authentication

The authentication data is being stored in table sso_auth.

Field username contains the username. Note that the username is case-sensitive.

Field password contains the MD5 hash of the password.

Examples

Request

```
POST /sso/index HTTP/1.1
Host: ihre.domain.tld
Accept: text/xml
Content-type: application/xml
Content-Length: 294
```

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="login" />
  <username>admin</username>
  <password>21232f297a57a5a743894a0e4a801fc3</password>
  <authentication>
    <user>vimp</user>
    <password>fbfb6b43cd08e6e226d8aa09f68c11c3</password>
  </authentication>
</sso>
```

Response

```
HTTP/1.0 200 OK
Date: Thu, 01 Oct 2009 08:51:00 GMT
Server: Apache/2.2.13 (Win32) mod_ssl/2.2.13 OpenSSL/0.9.8k PHP/5.3.0
X-Powered-By: PHP/5.3.0
Set-Cookie: framework=m4d56kmlc9qnjti7k5cofddpt4; path=/
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0
Pragma: no-cache
Set-Cookie: framework=m4d56kmlc9qnjti7k5cofddpt4; expires=Sat, 31-Oct-2009 08:51:03 GMT;
path=/
Content-Length: 140
Connection: close
Content-Type: text/xml; charset=utf-8
Content-Language: de
```

```
<?xml version="1.0" encoding="UTF-8"?>
<sso>
  <action name="login" success="true"/>
  <session>m4d56kmlc9qnjti7k5cofddpt4</session>
</sso>
```

PHP

```
// Build XML
$xml = simplexml_load_string("<?xml version='1.0' encoding='UTF-8'?><sso />");

$xml->addChild('action');
$xml->action->addAttribute('name' 'login');
$xml->addChild('username', 'admin');
$xml->addChild('password', '21232f297a57a5a743894a0e4a801fc3');
$xml->addChild('authentication');
$xml->authentication->addChild('user', 'vimp');
$xml->authentication->addChild('password', 'fbfb6b43cd08e6e226d8aa09f68c11c3');

$request = $xml->asXml();

// Set HTTP headers
$headers = array(
    "Accept: text/xml",
    "Content-type: application/xml",
);

// Send XML
$curl = curl_init('http://your.domain.tld/sso');
curl_setopt_array($curl, array(
    CURLOPT_RETURNTRANSFER => 1,
    CURLOPT_HEADER => 0,
    CURLOPT_HTTPHEADER => $headers,
    CURLOPT_POST => 1,
    CURLOPT_POSTFIELDS => $request,
    CURLOPT_CONNECTTIMEOUT => 10,
    CURLOPT_SSL_VERIFYHOST => 0,
    CURLOPT_SSL_VERIFYPEER => 0,
));
$response = curl_exec($curl);
curl_close($curl);

// Handle response
...
```