

PHP Example

This example written in PHP allows users to manage VoipNow accounts and fetch call statistics.

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How To Install It

System Requirements

In order to be able to use the SystemAPI PHP Tool, your system must be compliant with the requirements below:

- Your system needs to have PHP 5.1.2 or any subsequent version installed.
- PHP must be compiled using the `--enable-soap` configuration option.
- The SystemAPI PHP Tool requires the PHP extension `libxml` - Version 2.5.4 or any subsequent version.

Setup

Please follow these steps:

STEP 1: Files are located in our GitHub repository. Copy the files using:

```
git clone https://github.com/4psa/systemapi-example-php.git
```

STEP 2: Extract the files and copy them to a directory that can be accessed over the Web.

STEP 3: In order to use the tool, you must configure it. To do so, please open the `config.php` file located in the `<PATH_TO_SYSTEMAPI_PHP_TOOL>/config` directory, and set the variables as explained below .

STEP 4: Set the `$voipnow_ip` variable to the IP or hostname of your VoipNow server.

How To Use It

Authentication

Every SOAP request needs to contain the credentials in order to authenticate a user to the SystemAPI.

Set the `$voipnow_access_token` in the configuration file to the oauth token of the account you want to use.

Although everybody can see the web interface of the SystemAPI PHP Tool, it is important that the user account associated with the parameter `$voipnow_access_token` is allowed to access the SystemAPI web service. For more information on how to generate an access token for your application, please check [Access Management](#) document.

Examples

To access the interface, simply visit `https://<IP>/<PATH_TO_SYSTEMAPI_TOOL>/index.php`.

Please note that you cannot access the application unless you have set it up before. Otherwise, you will receive a warning message with the issues you need to fix, just as shown below:

VoipNow SystemAPI Demo

Some of the requirements for running VoipNow SystemAPI Demo are not fulfilled. Please check the list below for more details.

Current PHP version > 5.1.2

PHP is configured with `--enable-soap`

VoipNow SystemAPI is reachable



Check your VoipNow server IP in the configuration file.

Problem	Solution
Current PHP version > 5.1.2 setup is not validated	You should check your PHP installation.
PHP is configured with <code>--enable-soap</code> setup is not validated	You should make sure the PHP is compiled using the <code>--enable-soap</code> option.
VoipNow SystemAPI is reachable setup is not validated	You should check the configuration file and make sure you have correctly set the server or connection parameters.

Once the configuration process is complete, you can access the interface and use the following features:

- **Adding accounts** - allows you to add service providers, organizations, users and extensions;
- **Call costs** - allows you to fetch statistics for certain accounts.

Add Accounts

In this section of the application, you can add accounts to VoipNow. The following information can be set using the form:

Parameter	Required	Description
Company	No	The company name of the user
Contact name	Yes	The contact name of the user
Login	Yes	Username for the new account
Password	Yes	Password for the new account
Phone	No	Phone number of the new account
Fax	No	Fax number of the new account
Email	No	Email of the new account
Address	No	Address of the new account
City	No	City for the new account
Postal/ZIP code	No	Postal/ZIP code for the new account
Country	Yes	Select a country from the list of countries
Region	Yes	Select a region from the list
Timezone	Yes	Timezone that will be used by the new account
Interface language	Yes	User interface language
Phone language	Yes	The language of the user phone
Notes	No	More notes about the account

Set the `$account_type` in the configuration file to the account type you want to add:

- If you want to add a Service Provider account, you can set the variable `$account_type = "service provider"`, or simply select this account type in the form.
- If you want to add an Organization account, you must set the `$serviceprovider_id` to the ID of the service provider that owns the new organization. You can set the variable `$account_type = "organization"`, or simply select this account type in the form.
- If you want to add a User account, you must set the `$organization_id` to the ID of the organization that owns the new user. You can set the variable `$account_type = "user"`, or simply select this account type in the form.
- If you want to add an Extension account, you must set the `$user_id` to the ID of the user that owns the new extension. You can set the variable `$account_type = "extension"`, or simply select this account type in the form.

To create a user by means of a template, you must set the configuration variable `$template_id` to a valid VoipNow template ID. The SystemAPI web service allows you to get the list of all the templates in the system by calling `GetTemplates`, an operation available under the PBX component. For more details on how to use this operation, please read [SystemAPI](#) documentation.

To create a user by means of a charging plan, you must set the configuration variable `$billing_plan_id` to a valid VoipNow charging plan ID. The SystemAPI web service allows you to get the list of all the charging plans in the system by calling `GetTemplates`, an operation available under the PBX component. For more details on how to use this operation, please read [SystemAPI](#) documentation.

Call Costs

By using this section of the application, you can fetch call stats for a specific user, month, and year from the VoipNow system. You can set the information using the form, as explained below:

Parameter	Description
Account Type	The account type subject to statistics
<Account Name>	According to the option selected for Account Type, this will be filled with all the service provider, organization or user account identifiers
Month	Month when the calls were made
Year	Year when the calls were made