

# FreeNAS API Class

If you want to add code yourself, you can use our PHP class to communicate with FreeNAS. The following methods are publicly documented for users of the module:

Method	Parameters	Description
share_createNfs	\$pid	Enable NFS share
share_createFtp	\$pid	Enable FTP account
share_createCifs	\$pid	Enable SMB share
share_createIscsi	\$pid	Enable iSCSI device
share_deleteNfs	\$pid	Disable NFS share
share_deleteFtp	\$pid	Disable FTP account
share_deleteCifs	\$pid	Disable SMB share
share_deleteIscsi	\$pid	Disable iSCSI device
snapshot_createSnapshots	\$pid, \$comment	Create Snapshot
snapshot_listSnapshots	\$pid	List Snapshots (returns array)
snapshot_deleteSnapshot	\$snapshot_id	Delete Snapshot
snapshot_rollbackSnapshot	\$snapshot_id	Rollback Snapshot
ipcontrol_removeIp	\$pid, \$service, \$ip	Remove IP from ACL. \$service must be iscsi, nfs or cifs
ipcontrol_addIP	\$pid, \$service, \$ip	Add IP to ACL. \$service must be iscsi, nfs or cifs
makeRequest	\$method \$apiEndpoint \$params \$logFunction	get, post, put, delete Endpoint from FreeNAS API, e.g. sharing/cifs Parameter to be passed to FreeNAS, e.g. "array ('refquota' => '100 G')" Does appear in WHMCS module debug log
user_getAllDetails	\$pid	Return an object with all relevant user details, like volume name, full path, disk usage, enabled services, etc.

Code example for version 1.1.0 and higher:

```
<?php
require_once ('/path/to/modules/servers/freenas/autoload.php');

// If you have installed FreeNAS, do:
$freenas = new FreenasClient::getInstance ($pid); // replace $pid with tblhosting.id

// If you have installed TrueNAS, do:
$truenas = new TruenasClient::getInstance ($pid); // replace $pid with tblhosting.id

// FreeNAS: https://www.ixsystems.com/documentation/freenas/11.3-U4/api.html
// TrueNAS: https://www.truenas.com/docs/core/api/
// Execute API call like:
// $freenas->share_createNfs ($pid);
// $freenas->makeRequest ('get', '/api/v1.0/storage/dataset/', '', __METHOD__);
```

Code example for versions below 1.1.0:

```
<?php
require_once ('/path/to/modules/servers/freenas/autoload.php');

$freenas = FreenasAPI::getInstance ($pid); // replace $pid with tblhosting.id

// https://www.ixsystems.com/documentation/freenas/11.3-U4/api.html
// Execute API call like:
// $freenas->share_createNfs ($pid);
// $freenas->makeRequest ('get', '/api/v1.0/storage/dataset/', '', __METHOD__);
```