

Setup guide: WHMCS setup

MinIO S3 module **WHMCS**

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1. Download the latest version of the module.

PHP 8.1

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-MinIO-S3/PUQ_WHMCS-MinIO-S3-latest.zip
```

PHP 7.4

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-MinIO-S3/php74/PUQ_WHMCS-MinIO-S3-latest.zip
```

All versions are available via link:

http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-MinIO-S3/

2. Unzip the archive with the module.

```
unzip PUQ_WHMCS-MinIO-S3-latest.zip
```

3. Copy "puqMinIOS3" from "PUQ_WHMCS-MinIO-S3" to "WHMCS_WEB_DIR/modules/servers/"

4. Create new server MinIO in WHMCS (System Settings->Products/Services->Servers)

System Settings->Servers->Add New Server

- Enter the correct **Name** and **Hostname**

Edit the **Server Details** section, select the "**PUQ MinIO S3**" module and enter the correct **username** and **password** for the **Synology NAS web interface**.

- To check, click the "**Test connection**" button

5. Create a new Products/Services

System Settings->Products/Services->Create a New Product

✓ Connection successful. Some values have been auto-filled.

In the **Module settings** section, select the "**PUQ MinIOS3**" module

Edit Product

Details	Pricing	Module Settings	Custom Fields	Configurable Options	Upgrades	Free Domain	Other	Links
Module Name		PUQ MinIO S3		Server Group		None		
License key		LQ9LSQ [REDACTED] -HVLVWT success: 2022-08-18T15:43:45+02:00		Unit		GigaByte Unit of measure in the product		
Disk space size		10 in unit		Notification disk limit email template		puqMinIOS3 Notification disk limit		
Notification, used disk space X %		90		Username prefix		333- Will be attached to the beginning of username. Only small letters and numbers and symbol "-"		
Username postfix		-777 Will be appended to the end of username. Only small letters and numbers and symbol "-"		Group		USERS10		
Raw Policy		<pre>{ "Version": "2012-10-17", "Statement": [{ "Effect": "Allow", "Action": "s3:*", "Resource": "*" }] }</pre>		Suspend exceeding disk limit email template		puqMinIOS3 service Suspension Notification disk limit		
Save usage history (days)		365 0 - all history		Link to instruction		https://doc.puq.info/books/minio-s3-whmcs-module A link to the instruction will be reflected in the client area.		
Enable/Disable		<input type="checkbox"/> Tick to disable this server						

- **License key:** A pre-purchased license key for the "**PUQ MinIOS3**" module. For the module to work correctly, the key must be active
- **Unit:** Packet disk space units
- **Disk space size:** Disk size in this product
- **Notification disk limit email template:** Email template that will be sent when the disk quota is exceeded in %
- **Notification, used disk space X %:** Sets a percentage parameter, after exceeding this parameter a notification will be sent to the user
- **Username prefix/Username suffix:** Necessary in order to generate a username for the service, in the format: **prefix<client_id>-<service_id>suffix**
- **Group:** The group that will be assigned to the user on the server side of the **MinIO S3**
- **Raw Policy:** The policy that is assigned to the user during creation on the server

Example:

In the given policy example. The user has the right to create buckets with a name starting with the username.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "admin: Heal",
        "admin: SetBucketTarget",
        "admin: TopLocksInfo",
        "admin: DataUsageInfo",
        "admin: GetBucketQuota",
        "admin: GetBucketTarget"
      ],
      "Resource": [
        "arn: aws: s3: : <USER_ID>*"
      ]
    },
    {
      "Effect": "Allow",
      "Action": [
        "s3: *"
      ],
      "Resource": [
        "arn: aws: s3: : <USER_ID>*"
      ]
    }
  ]
}
```

- **Suspend exceeding disk limit email template:** The template of the letter that will be sent to the client if his disk limit is 100% or less 100%
- **Save usage history (days):** The number of days it takes to save user disk usage statistics
- **Link to instruction:** Link to the instruction, if filled out, it will be reflected in the client area

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