

# Product Configuration

## MinIO S3 module **WHMCS**

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### Add new product to WHMCS

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

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

The screenshot shows the 'Module Settings' tab for the 'PUQ MinIOS3' module. The settings are organized into two main columns. The left column includes fields for 'Module Name' (PUQ MinIOS3), 'Server Group' (None), 'License key' (ANRLF6-...-PMAHLH), 'Disk space size' (1 in unit), 'Notification, used disk space X %' (50), 'Username postfix' (-777), 'Raw Policy' (a JSON policy), 'Save usage history (days)' (365), 'Create default bucket' (Yes), 'Default Bucket' (-default), and 'Raw policy Disk limit' (a JSON policy). The right column includes 'Unit' (GigaByte), 'Notification disk limit email template' (puqMinIOS3 Notification disk li), 'Username prefix' (333-), 'Group' (USERS1), 'Suspend exceeding disk limit email template' (puqMinIOS3 service Suspensio), 'Link to instruction' (https://doc.puq.info/books/minio-s3-whmcs-module), and 'Client Area' (Show Password: Show button).

- **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
- **Default Bucket:** Options to enable or disable the creation of a default bucket, and also set its prefix
- **Client Area:** Client zone settings, show or not show the password in the client zone, type how to show the password.
- **Raw policy Disk limit:** The policy that will be applied to the client when the client runs out of space.

Example:

**The user has the right to read and get, delete buckets whose name begins with the user's name.**

```
{
  "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: GetObject",
        "s3: DeleteObject",
        "s3: ListBucket"
      ],
      "Resource": [
        "arn: aws: s3: : : <USER_ID>*"
      ]
    }
  ]
}
```

```
}  
]  
}
```

Attention, policy recalculation occurs once a day during the collection of server statistics (UpdateServerUsage)

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