

# 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 interface includes several configuration fields and sections:

- Module Name:** PUQ MinIO S3
- Server Group:** None
- License key:** ANRLF6-...-PMAHLH, success: 2024-09-10T12:46:27+02:00
- Disk space size:** 1 in unit
- Notification, used disk space X %:** 50
- Username postfix:** -777
- Raw Policy:** A JSON policy document with a macro <USER\_ID>.
- Save usage history (days):** 365
- Default Bucket:** -default
- Raw policy Disk limit:** A JSON policy document with a macro <USER\_ID>.
- 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
- 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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