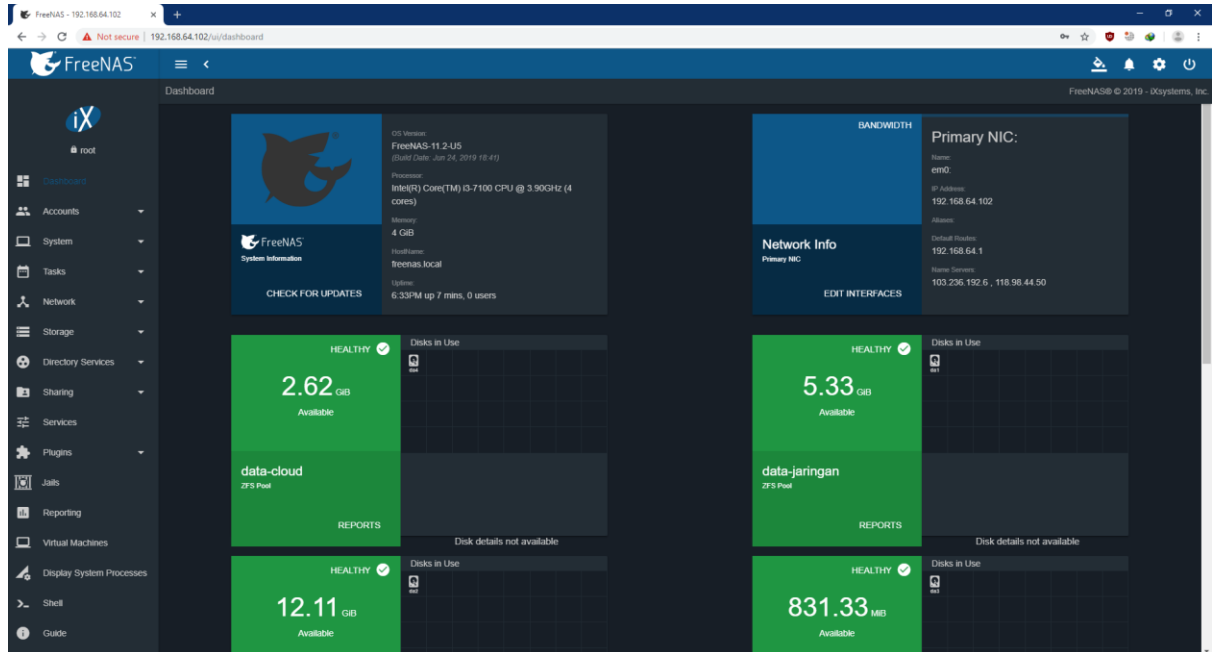


Nama: Avisena Rahman I.

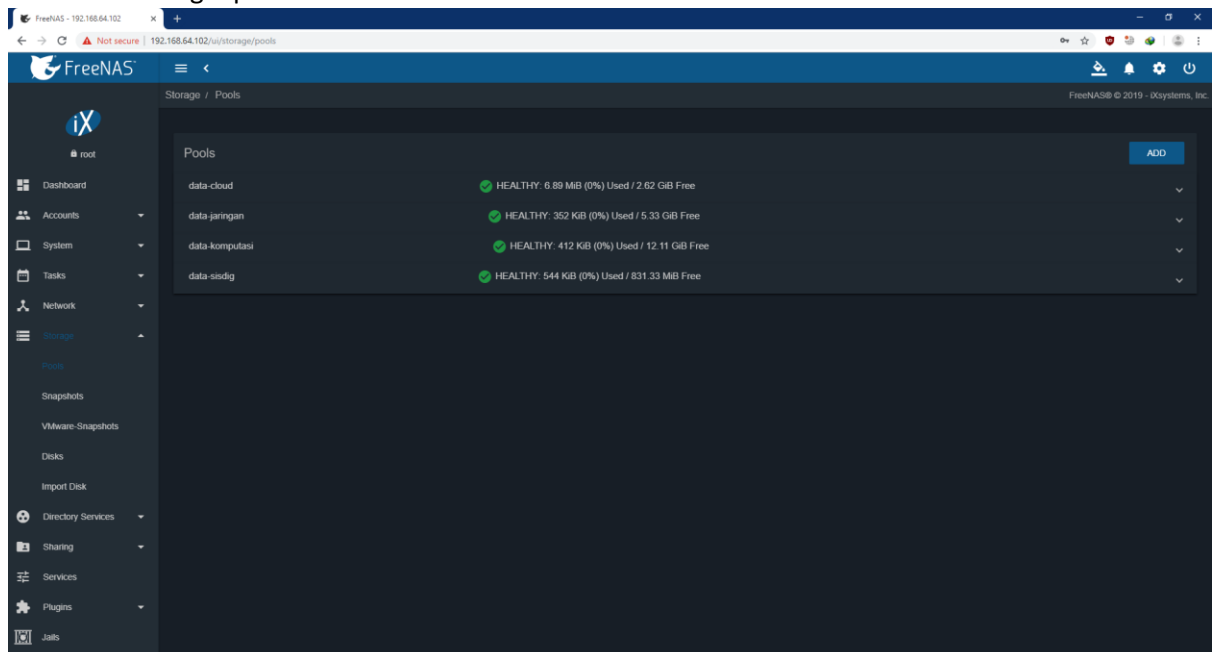
Nim: 123170063

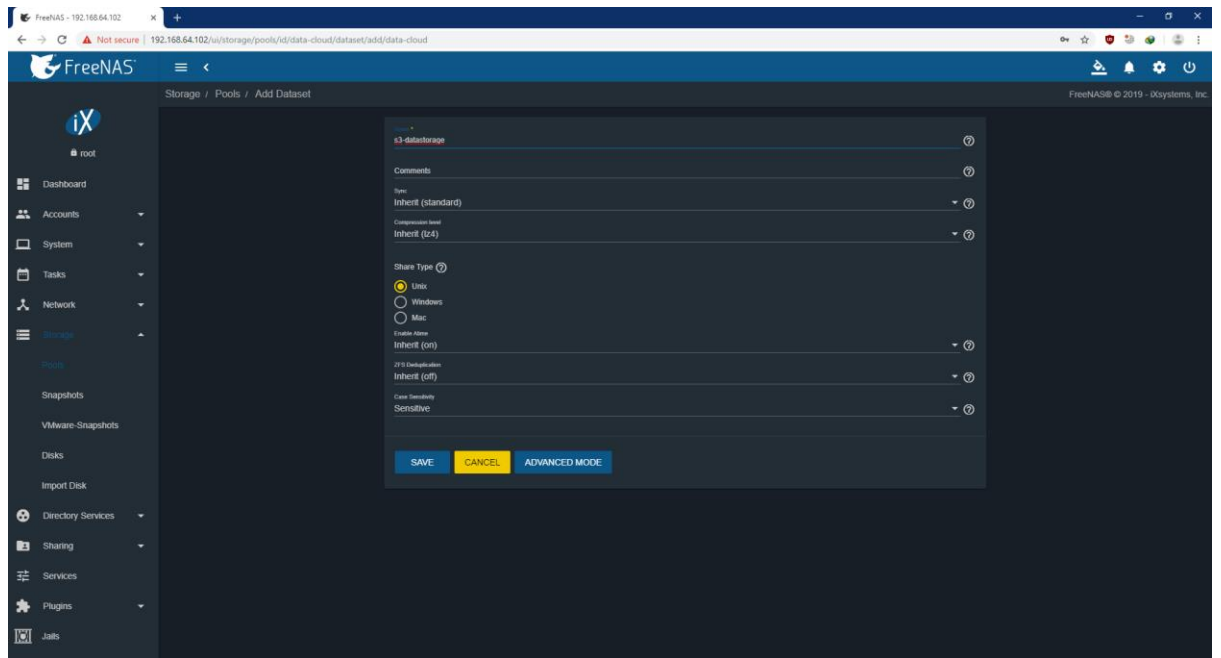
Konfigurasi Layanan Cloud Computing pada FreeNAS

1. Nyalakan VM lalu login ke FreeNAS



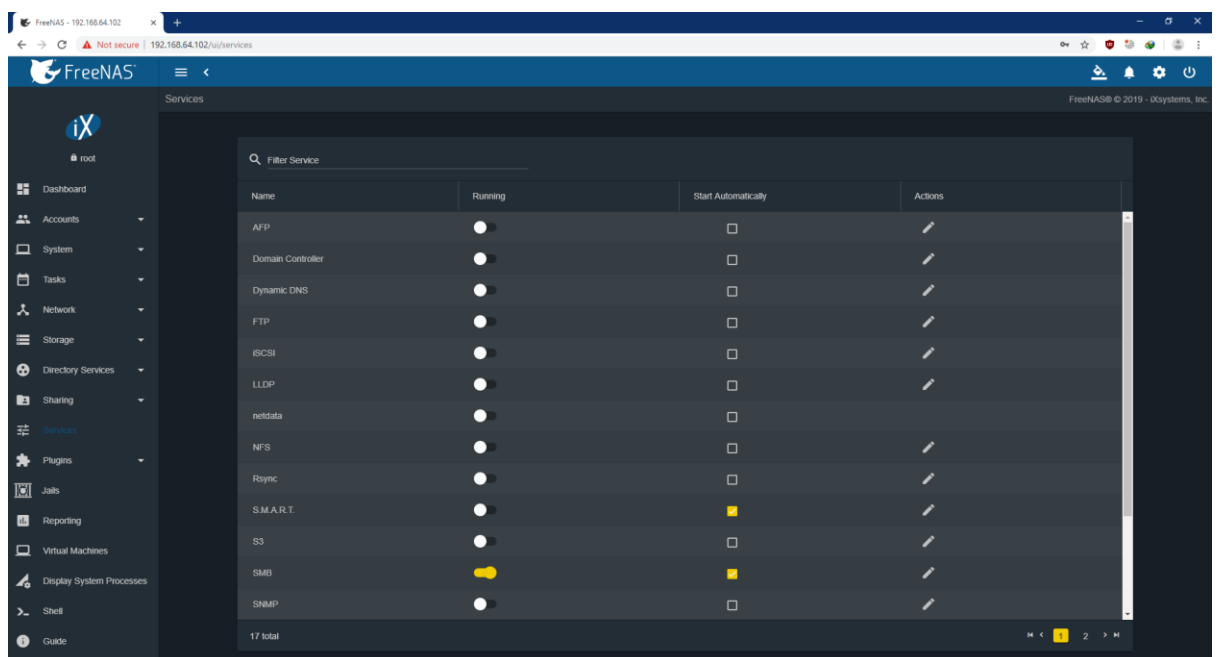
2. Masuk ke storage>pools





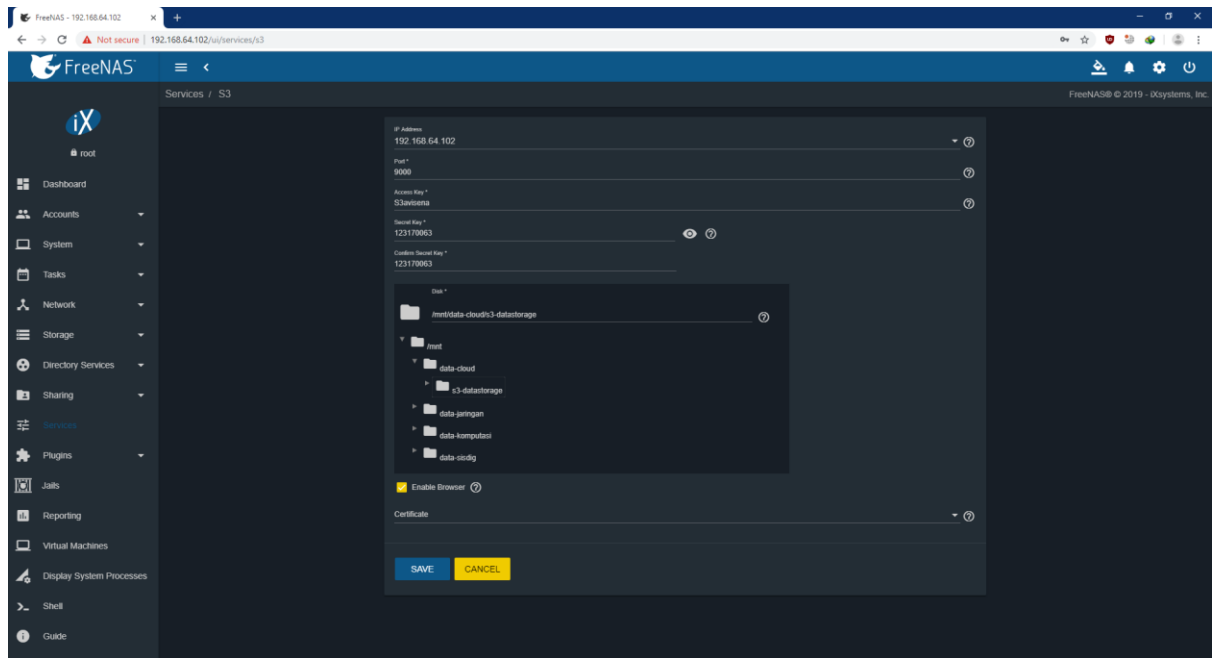
3.

Add dataset untuk data-cloud. Beri nama s3-datastorage

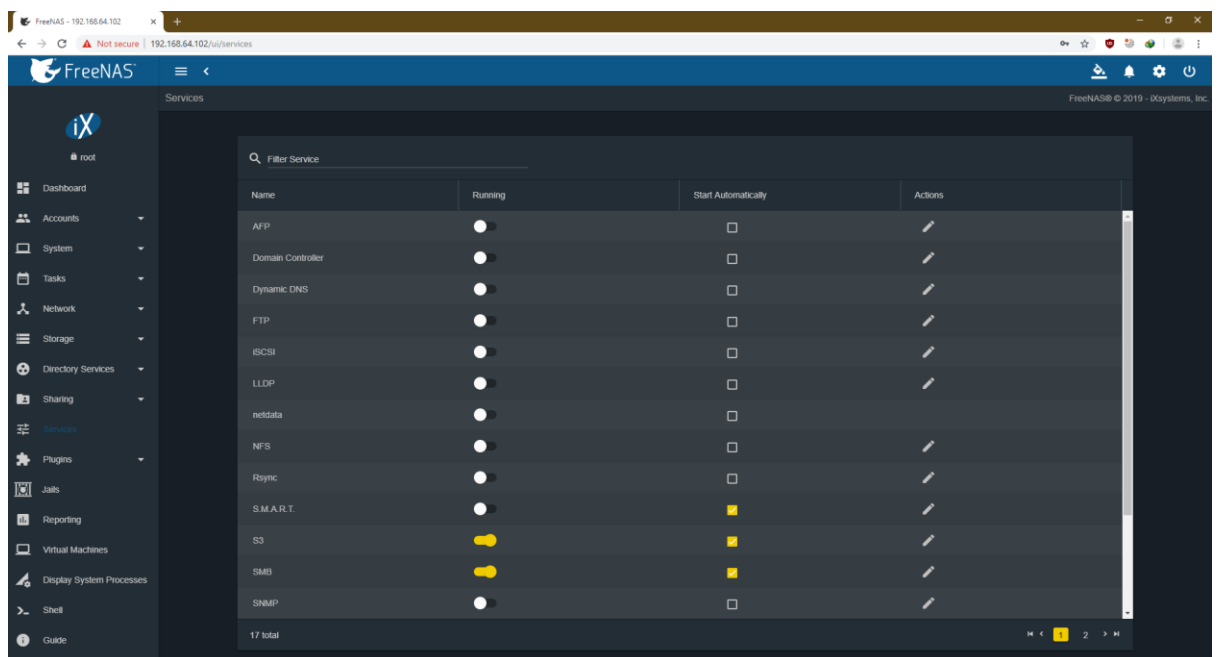


4.

Masuk menu service



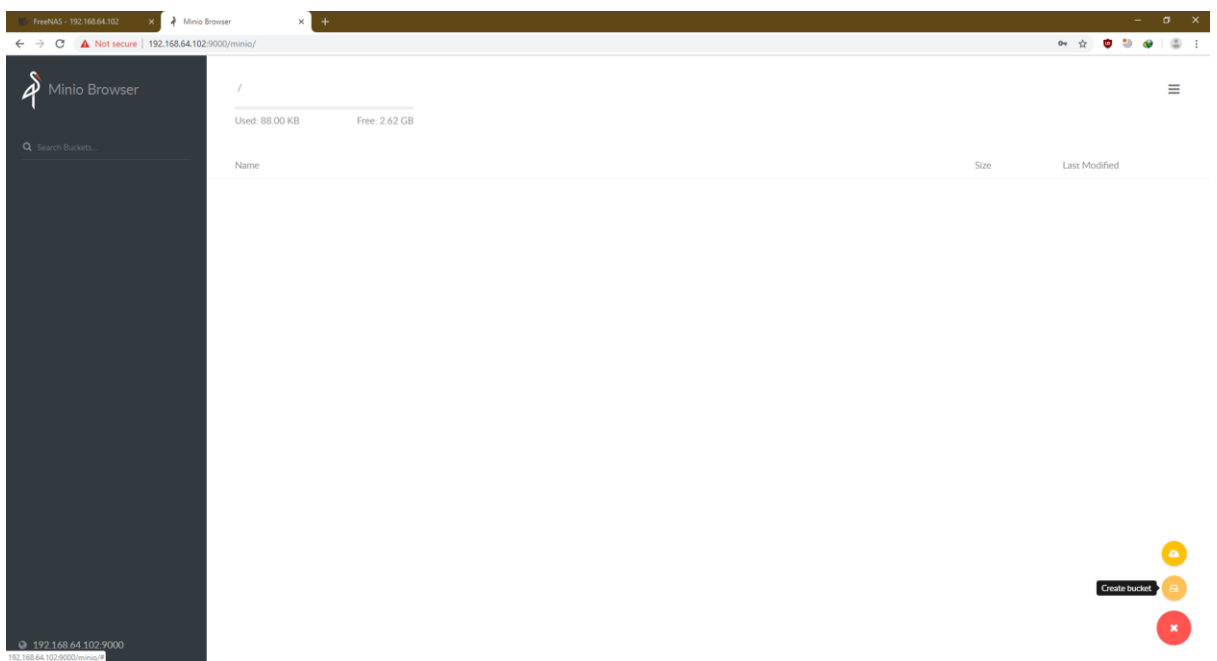
5. Lakukan konfigurasi s3 seperti ini. IP adalah IP FreeNAS



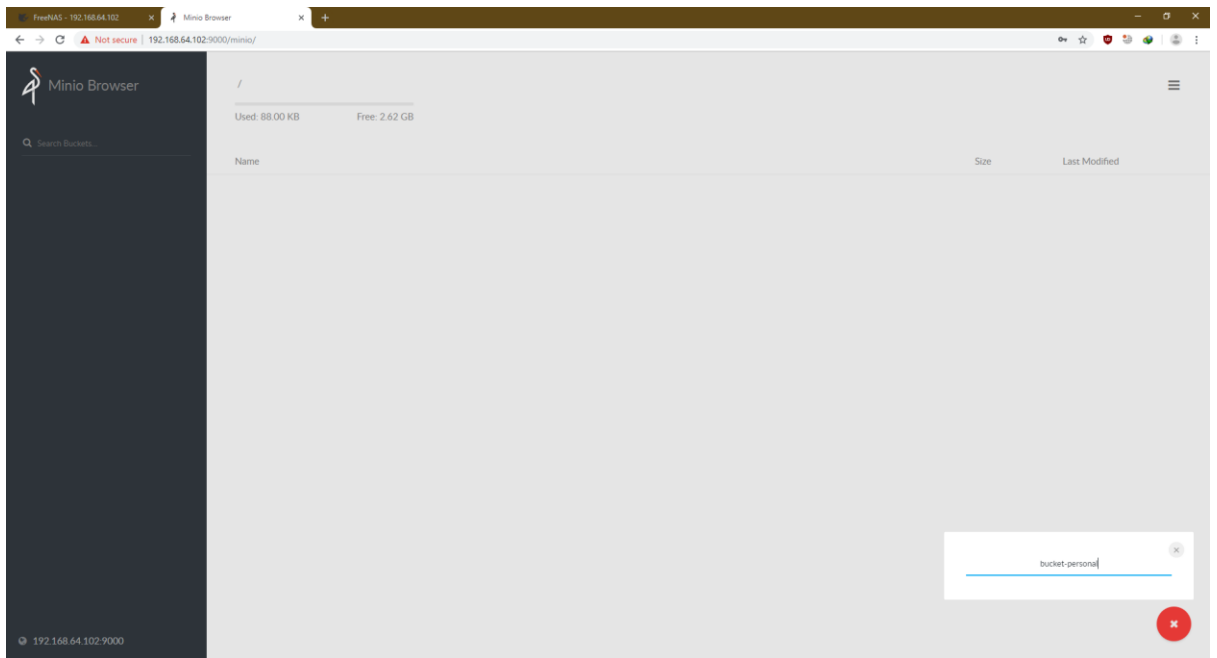
6. Nyalakan FreeNASnya



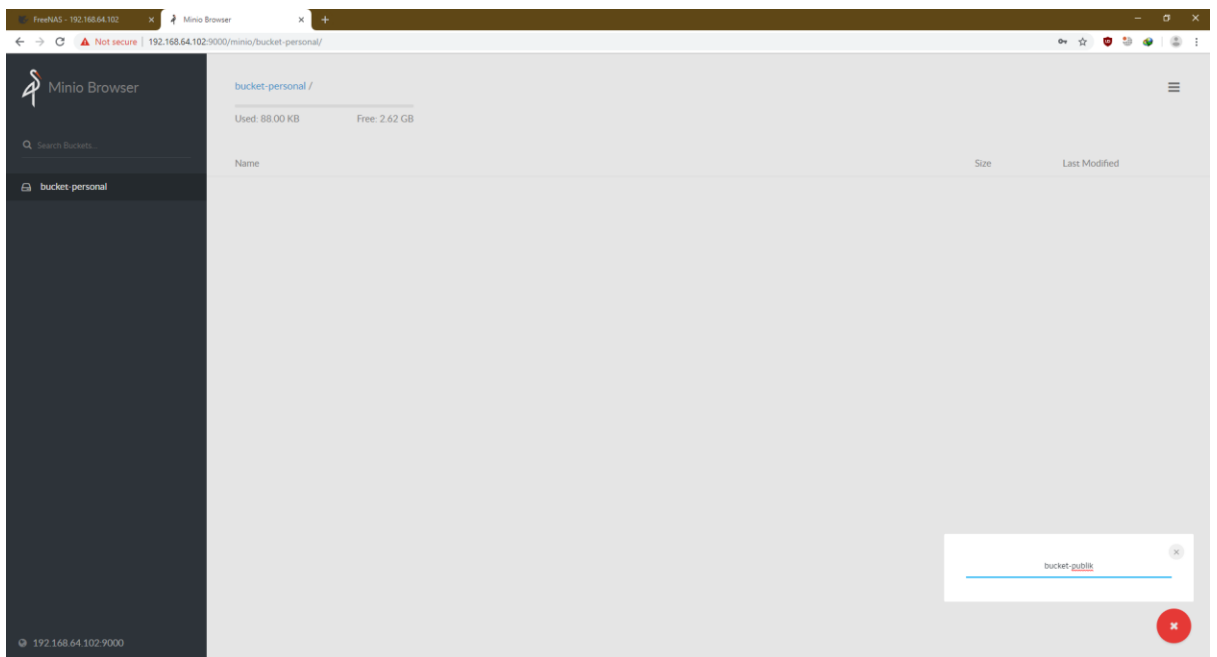
7. Masuk ke <http://192.168.64.102:9000>. Lalu login



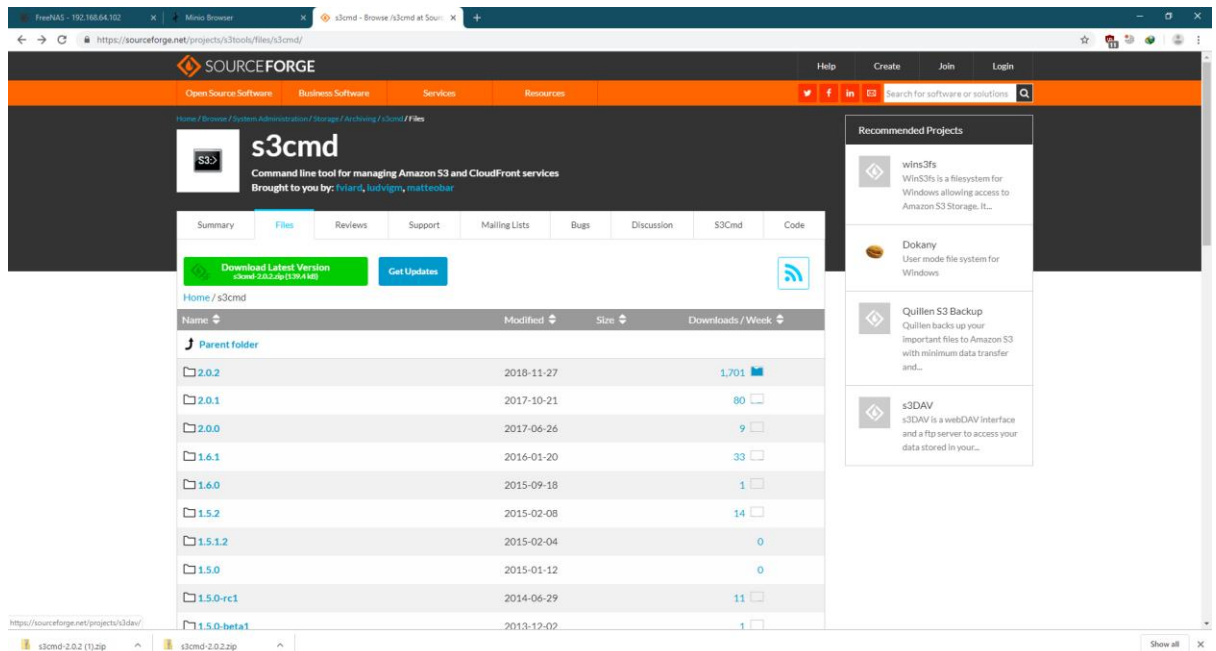
8. Create buckets



9. Beri nama bucket-personal



10. Buat lagi bucket-publik



11. Download s3cmd dan ekstrak di folder VM

```
Administrator: Command Prompt
Processing python_magic-0.4.15-py2.py3-none-any.whl
Installing python_magic-0.4.15-py2.py3-none-any.whl to c:\program files (x86)\python37-32\lib\site-packages
Adding python_magic 0.4.15 to easy-install.pth file

Installed c:\program files (x86)\python37-32\lib\site-packages\python_magic-0.4.15-py3.7.egg
Searching for python-dateutil
Reading https://pypi.org/simple/python-dateutil/
Downloading https://files.pythonhosted.org/packages/d4/70/d60450c3dd48ef87586924207ae8907090de0b306af2bce5d134d78615cb/p
python_dateutil-2.8.1-py2.py3-none-any.whl#sha256=75bb3f31ea686f1197762692a9ee6a7550b59fc6ca3a1f4b5d7e32fb98e2da2a
Best match: python-dateutil 2.8.1
Processing python_dateutil-2.8.1-py2.py3-none-any.whl
Installing python_dateutil-2.8.1-py2.py3-none-any.whl to c:\program files (x86)\python37-32\lib\site-packages
writing requirements to c:\program files (x86)\python37-32\lib\site-packages\python_dateutil-2.8.1-py3.7.egg\EGG-INFO\re
quires.txt
Adding python-dateutil 2.8.1 to easy-install.pth file

Installed c:\program files (x86)\python37-32\lib\site-packages\python_dateutil-2.8.1-py3.7.egg
Searching for six>=1.5
Reading https://pypi.org/simple/six/
Downloading https://files.pythonhosted.org/packages/65/eb/1f97cb97bfc2390a276969c6fae16075da282f5058082d4cb10c6c5c1dba/s
ix-1.14.0-py2.py3-none-any.whl#sha256=8f3cd2e254d8f793e7f3d6d9df77b92252b52637291d0f0da013c76ea2724b6c
Best match: six 1.14.0
Processing six-1.14.0-py2.py3-none-any.whl
Installing six-1.14.0-py2.py3-none-any.whl to c:\program files (x86)\python37-32\lib\site-packages
Adding six 1.14.0 to easy-install.pth file

Installed c:\program files (x86)\python37-32\lib\site-packages\six-1.14.0-py3.7.egg
Finished processing dependencies for s3cmd==2.0.2

D:\VM-123170063\s3cmd-2.0.2>
```

12. Install s3cmd melalui command prompt

```
Administrator: Command Prompt

Access key and Secret key are your identifiers for Amazon S3. Leave them empty for using the env variables.
Access Key [S3avisena]: S3avisena
Secret Key [123170064]: 123170063
Default Region [cd]:

Use "s3.amazonaws.com" for S3 Endpoint and not modify it to the target Amazon S3.
S3 Endpoint [192.168.64.102:9000]: 192.168.64.102:9000

Use "%(bucket)s.s3.amazonaws.com" to the target Amazon S3. "%(bucket)s" and "%(location)s" vars can be used
if the target S3 system supports dns based buckets.
DNS-style bucket+hostname:port template for accessing a bucket [%(bucket)s.s3.amazonaws.com]:

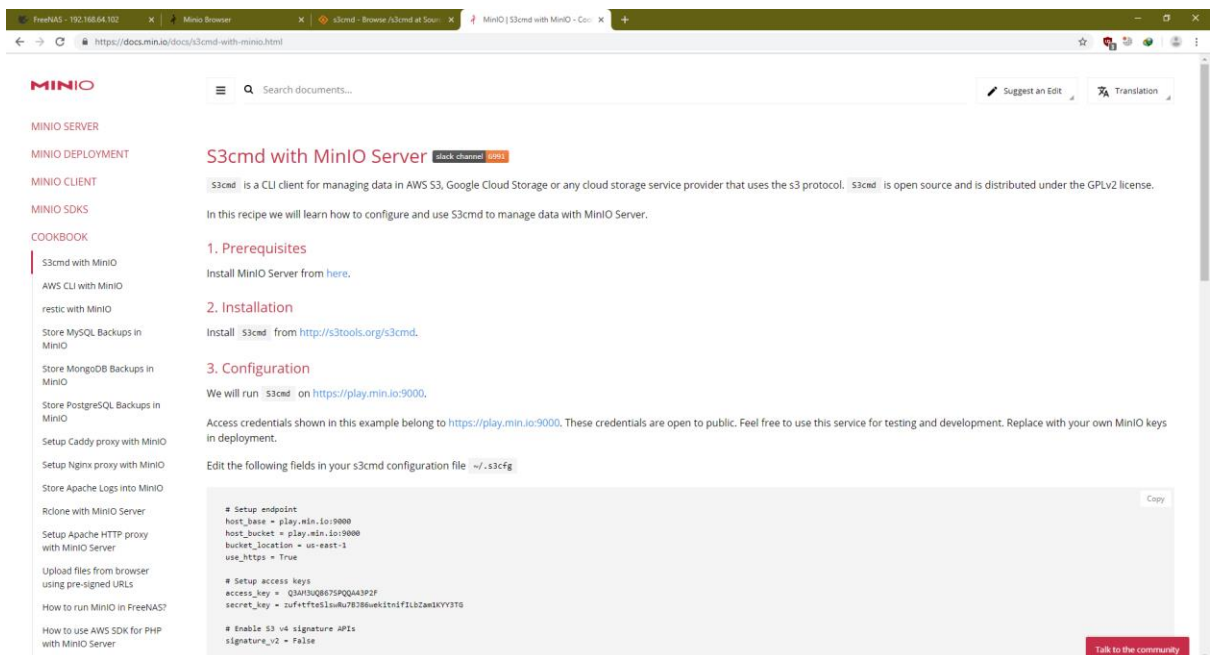
Encryption password is used to protect your files from reading
by unauthorized persons while in transfer to S3
Encryption password:
Path to GPG program [None]:

When using secure HTTPS protocol all communication with Amazon S3
servers is protected from 3rd party eavesdropping. This method is
slower than plain HTTP, and can only be proxied with Python 2.7 or newer
Use HTTPS protocol [No]: No

On some networks all internet access must go through a HTTP proxy.
Try setting it here if you can't connect to S3 directly
HTTP Proxy server name:

New settings:
Access Key: S3avisena
Secret Key: 123170063
```

13. Isikan konfigurasi ini



The screenshot shows the MinIO documentation website. The left sidebar contains a navigation menu with categories like MINIO SERVER, MINIO DEPLOYMENT, MINIO CLIENT, MINIO SDKS, and COOKBOOK. The main content area is titled 'S3cmd with MinIO Server' and includes a 'slack channel' badge. It describes S3cmd as a CLI client for managing data in AWS S3, Google Cloud Storage, or any cloud storage service provider that uses the S3 protocol. The page provides instructions on how to configure and use S3cmd to manage data with MinIO Server. The '1. Prerequisites' section mentions installing MinIO Server from a link. The '2. Installation' section provides a link to install S3cmd. The '3. Configuration' section shows a sample configuration file content for s3cmd, including endpoint, access keys, and bucket location. A 'Copy' button is visible next to the configuration code.

14. Beberapa dokumentasi command s3bucket

- 15.