

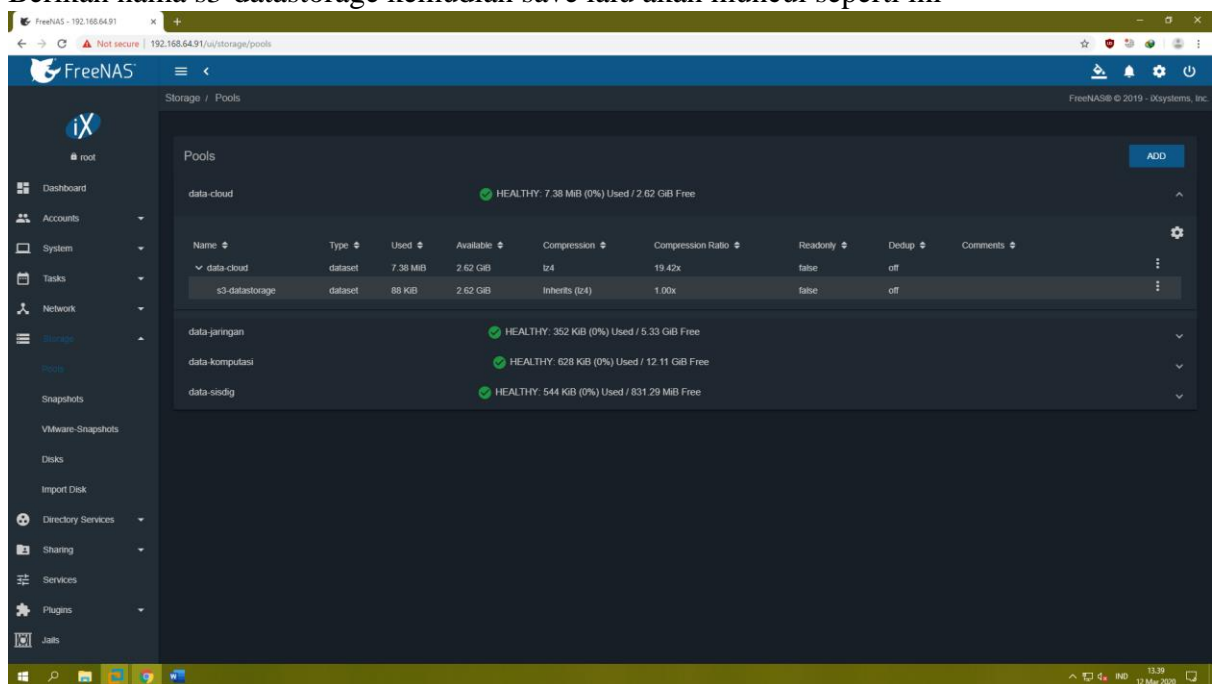
Nama : Salsabila Lattifa Fikri

NIM : 123170084

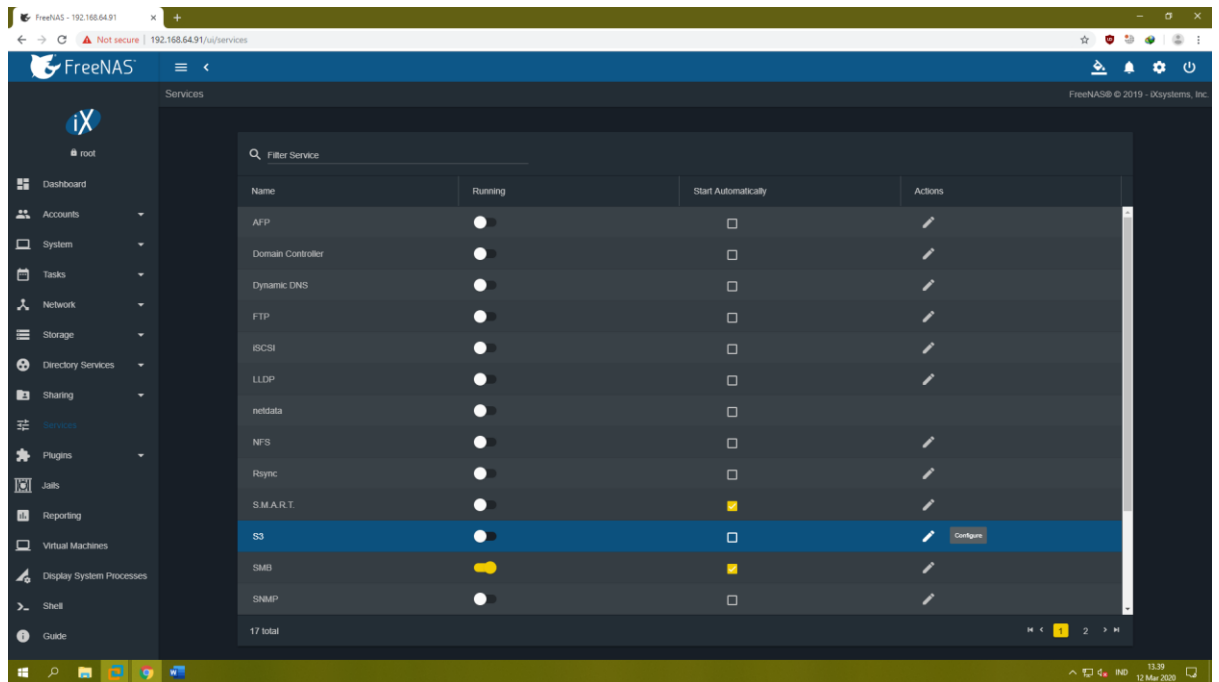
Materi Keenam

Konfigurasi Dashboard FreeNAS

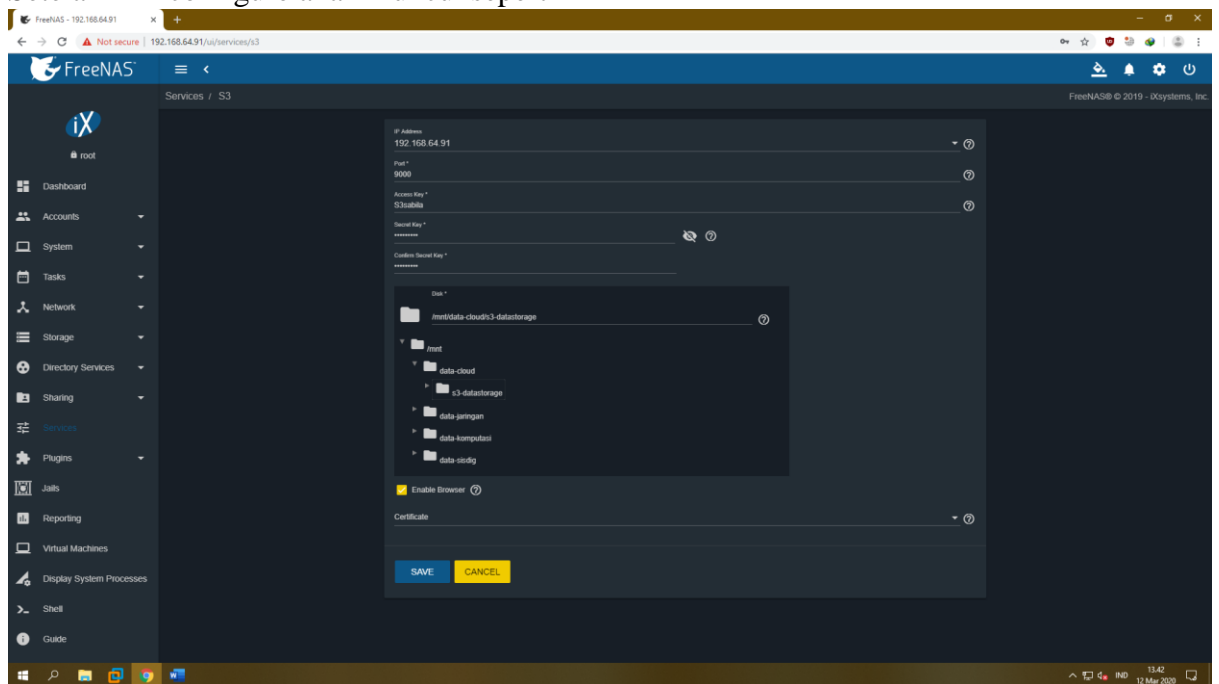
1. Buka FreeNAS pad VMWare
2. Ip yang didapatkan dibuka di browser kemudian login
3. Masuk menu Storaga -> Pool kemudian pada option titik 3 pilih Add Dataset
4. Berikan nama s3-datastorage kemudian save lalu akan muncul seperti ini



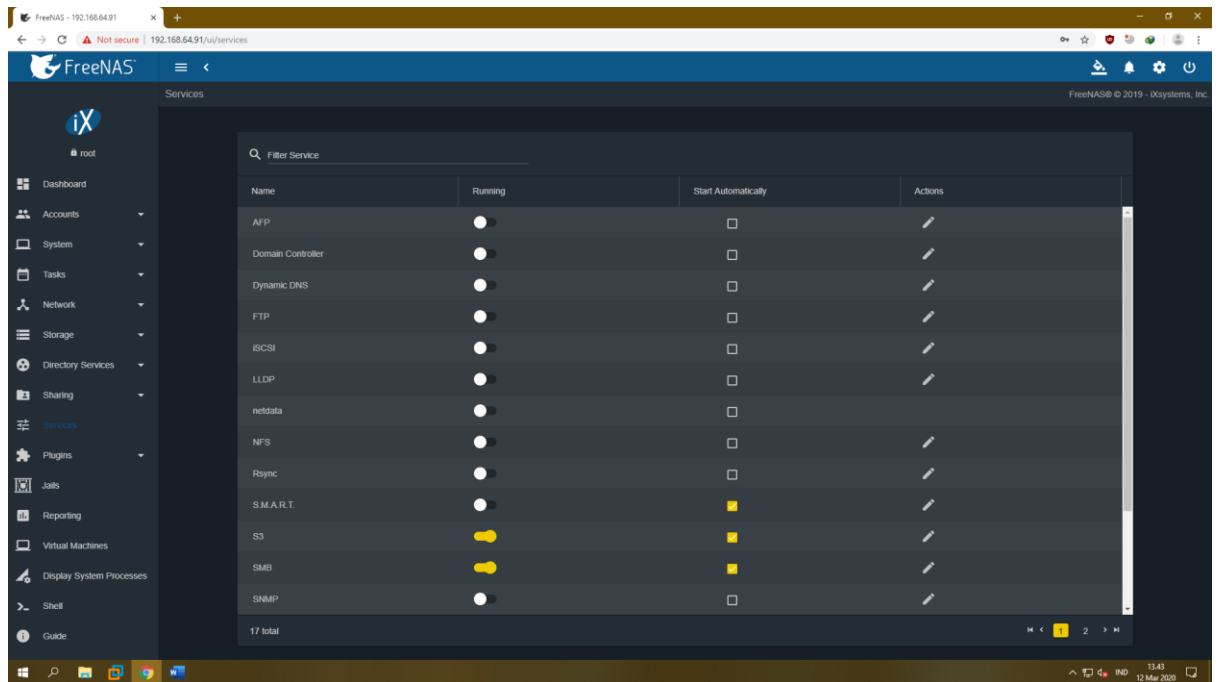
5. Masuk ke Services lalu konfigurasi dulu sebelum dinyalakan



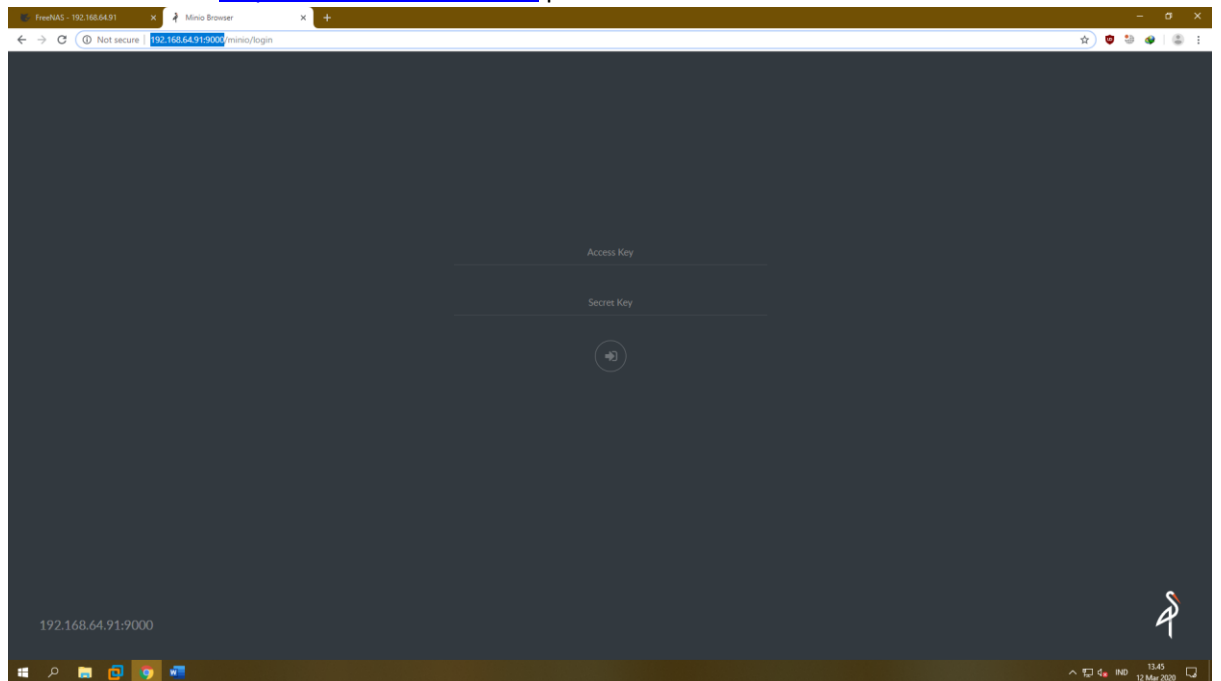
6. Setelah klik configure akan muncul seperti ini



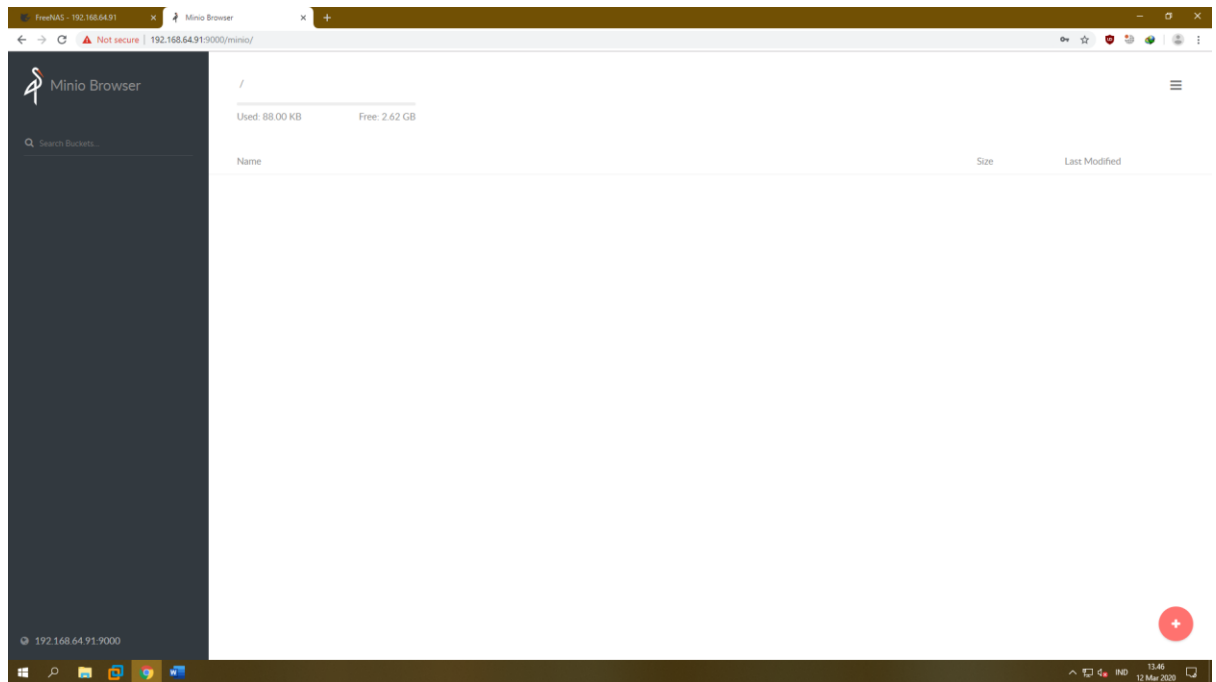
7. Setelah itu di running kemudian ceklis



8. Kemudian buka <http://192.168.64.91:9000> pada browser kemudian akan muncul



9. Kemudian login dengan username S3sabila dan pass nim



10. Pada kanan bawah terdapat icon tambah kemudian pilih create bucket lalu buat bucket dengan nama bucket-personal kemudian enter. Buat lagi dengan nama bucket-publik. Jika sudah dibuat akan muncul di bagian kiri yang hitam bucket yang sudah dibuat
11. <http://link.upnyk.ac.id/s3cmd> pada link tersebut download s3cmd untuk upload data kemudian ekstrak pada VM-123170084
12. Kemudian buka cmd yang admin

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.17763.678]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Windows\system32>D:

D:\>cd VM-123170084

D:\VM-123170084>cd s3cmd-2.0.2

D:\VM-123170084\s3cmd-2.0.2>python setup.py install
```

13. Konfigurasi s3cmd dengan mengetikkan **python s3cmd --configure**

```
Administrator: Command Prompt - python s3cmd --configure
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=8f3cd2e254d8f793e7f3d6d9d77b92252b52637291d0f0da013c76ea2724b6c
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-123170084\s3cmd-2.0.2>python s3cmd --configure
ERROR: Option --preserve is not yet supported on MS Windows platform. Assuming --no-preserve.
ERROR: Option --progress is not yet supported on MS Windows platform. Assuming --no-progress.

Enter new values or accept defaults in brackets with Enter.
Refer to user manual for detailed description of all options.

Access key and Secret key are your identifiers for Amazon S3. Leave them empty for using the env variables.
Access Key:
```

14. Kemudian akan diminta access key yaitu username : S3sabila

15. Kemudian isikan Secret Key yaitu password untuk region koosngkan dan untuk endpoint isikan ip:9000. Pada isi bucket, encryption dan GPG kosongkan. Bagian https isikan No. dan untuk proxy isikan

```
Administrator: Command Prompt - python s3cmd --configure
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-123170084\s3cmd-2.0.2>python s3cmd --configure
ERROR: Option --preserve is not yet supported on MS Windows platform. Assuming --no-preserve.
ERROR: Option --progress is not yet supported on MS Windows platform. Assuming --no-progress.

Enter new values or accept defaults in brackets with Enter.
Refer to user manual for detailed description of all options.

Access key and Secret key are your identifiers for Amazon S3. Leave them empty for using the env variables.
Access Key: S3sabila
Secret Key: 123170084
Default Region [US]:

Use "s3.amazonaws.com" for S3 Endpoint and not modify it to the target Amazon S3.
S3 Endpoint [s3.amazonaws.com]: 192.168.04.91:9000

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 [%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:

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 [Yes]: 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:

Now settings:
Access Key: S3sabila
Secret Key: 123170084
Default Region: US
S3 Endpoint: 192.168.04.91:9000
DNS-style bucket-hostname:port template for accessing a bucket: %s.s3.amazonaws.com
Encryption password:
Path to GPG program: None
Use HTTPS protocol: False
HTTP Proxy server name:
HTTP Proxy server port: 0

Test access with supplied credentials? [Y/n] Y
Please wait, attempting to list all buckets...
Success. Your access key and secret key worked fine :-))

Now verifying that encryption works...
Not configured. Never mind.

Save settings? [Y/N]
```

16. Kemudian ketikan python s3cmd ls untuk meslisting isi dari bucket

```
Administrator: Command Prompt

New settings:
Access Key: S3sabila
Secret Key: 123170084
Default Region: US
S3 Endpoint: 192.168.64.91:9000
DNS-style bucket+hostname:port template for accessing a bucket: %(bucket)s.s3.amazonaws.com
Encryption password:
Path to GPG program: None
Use HTTPS protocol: False
HTTP Proxy server name:
HTTP Proxy server port: 0

Test access with supplied credentials? [Y/n] Y
Please wait, attempting to list all buckets...
Success. Your access key and secret key worked fine :-))

Now verifying that encryption works...
Not configured. Never mind.

Save settings? [y/N] y
Configuration saved to 'C:\Users\Lab Informatika\AppData\Roaming\s3cmd.ini'

D:\VM-123170084\s3cmd-2.0.2>python s3cmd ls
2020-03-12 06:48 s3://bucket-personal
2020-03-12 06:48 s3://bucket-publik

D:\VM-123170084\s3cmd-2.0.2>
D:\VM-123170084\s3cmd-2.0.2>
```

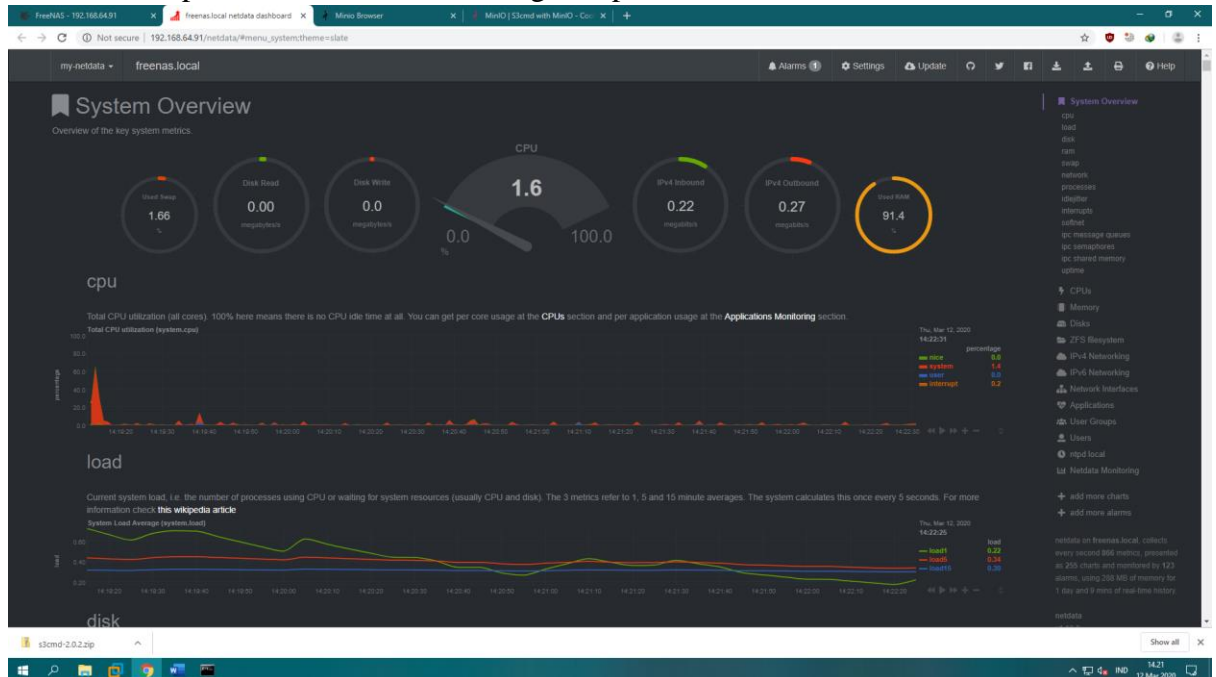
17. Dikumentasi s3cmd pada <https://docs.min.io/docs/s3cmd-with-minio.html> dan awalnya menggunakan perintah python
18. Contoh untuk upload file : python

Konfigurasi netdata

1. Services kemudian nalakan pada bagian netdata



2. Keudian klik pada kotak launch atau dengan : Ip/netdata



Dokumentasi netdata : netdata.cloud