

Jumat, 13 Maret 2020

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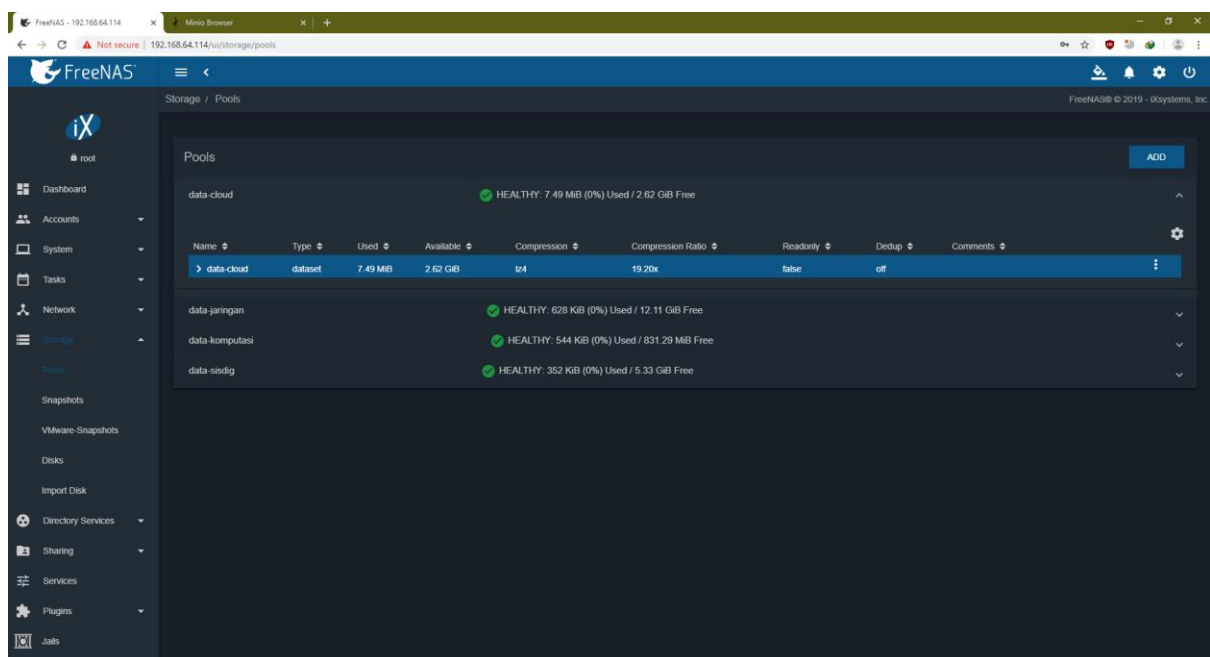
NIM : 123180027

Mata Kuliah : Praktikum Cloud Computing

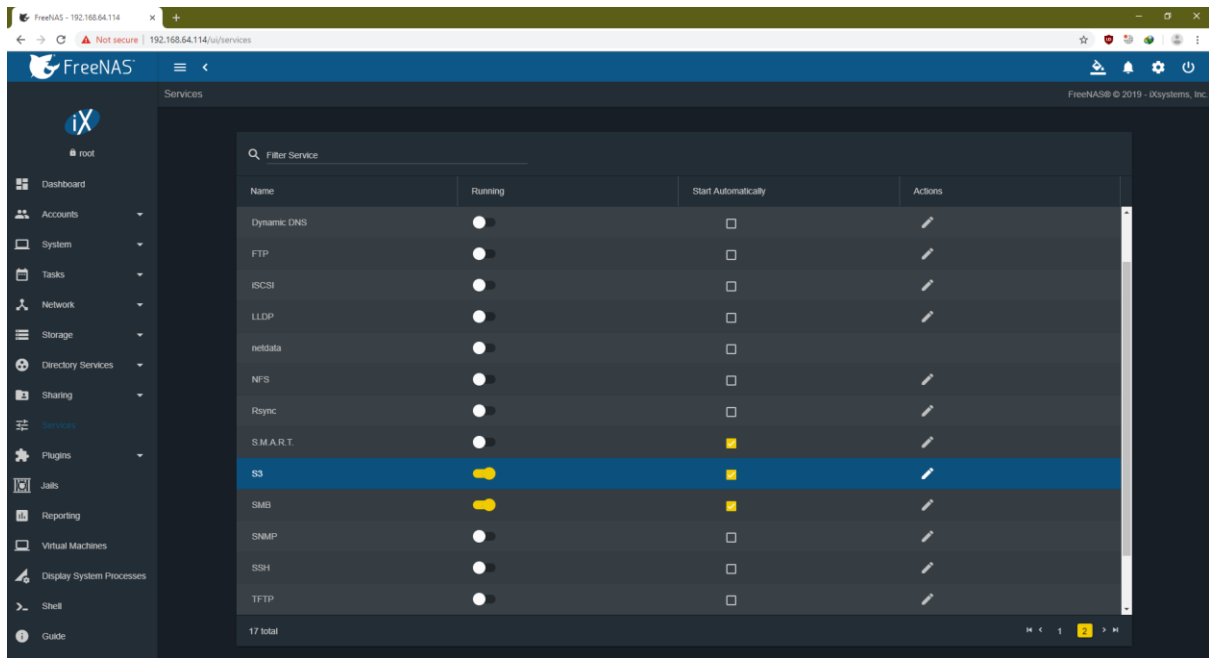
Pertemuan ke-6

Konfigurasi Layanan Cloud Computing Pada FreeNAS

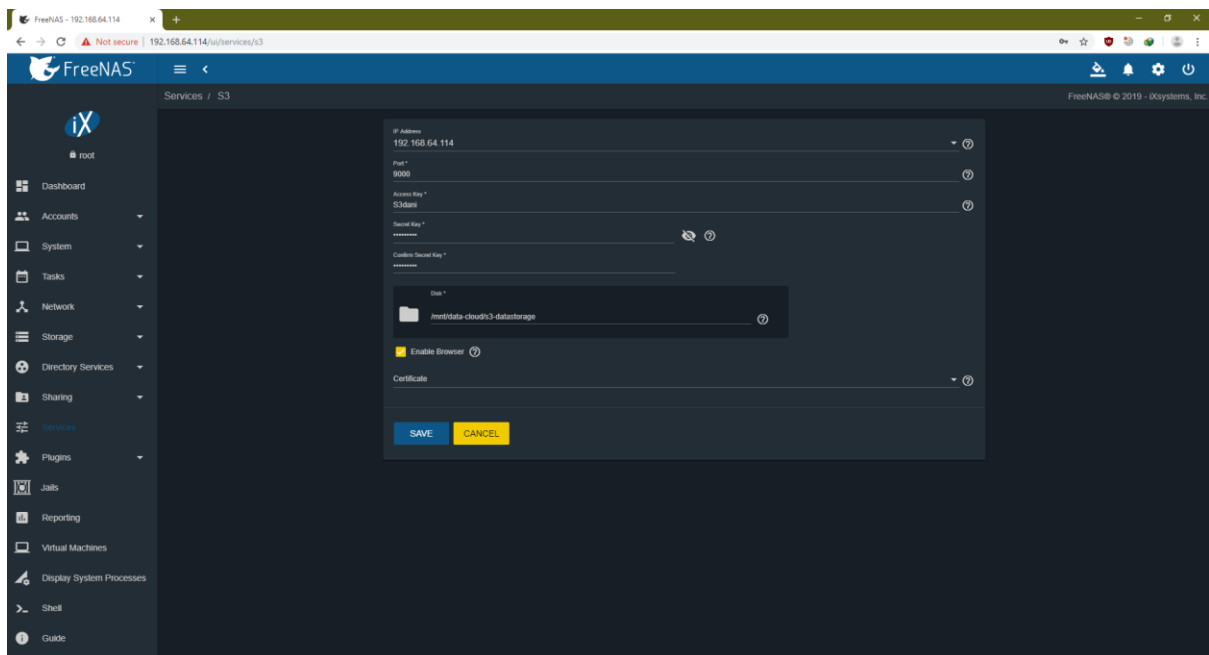
A. Set S3 Bucket



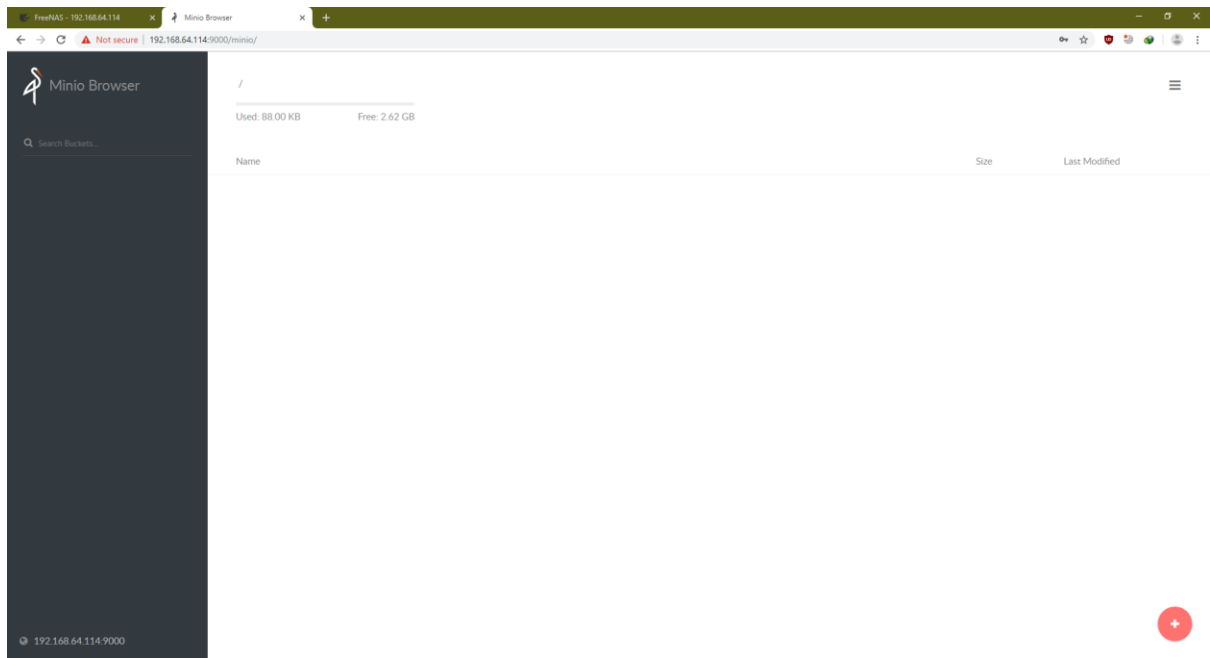
1. Buat dataset untuk data-cloud



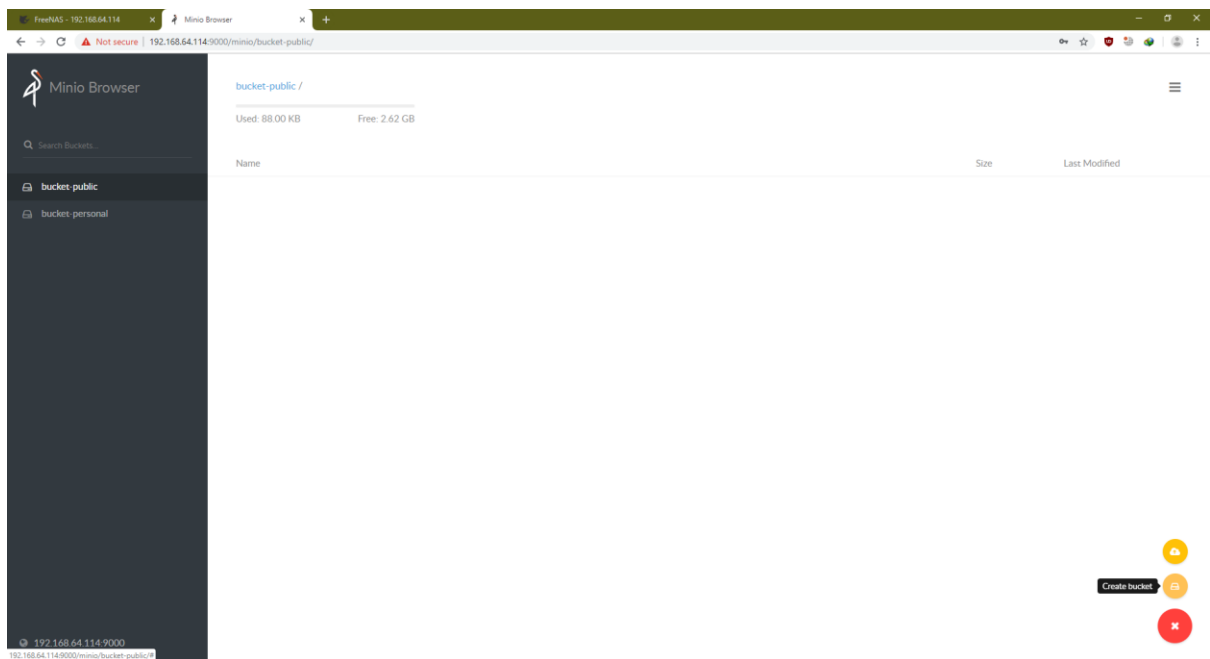
2. Konfigurasi s3



3. Konfigurasi s3



4. Masuk ke minio dengan url ip_address:9000



5. Buat bucket

6. Download s3cmd di <http://link.upnyk.ac.id/s3cmd> dan extract ke folder VM

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

C:\Windows\system32>cd ..

C:\Windows>cd..

C:\>cd d:
D:\

C:\>cd d:\

C:\>cd d:
d:\

C:\>cd d:\VM-123180027

C:\>cd D:\VM-123180027

C:\>cd D:
D:\VM-123180027

C:\>D:
D:\VM-123180027>cd s3cmd-2.0.2

D:\VM-123180027\s3cmd-2.0.2>python setup.py install
Using xml.etree.ElementTree for XML processing
running install
running bdist_egg
```

7. Instal s3cmd dengan cmd

```
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=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-123180027\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: 
```

```
Administrator: Command Prompt
slower than plain HTTP, and can only be proxied with Python 2.7 or newer
Use HTTPS protocol [No]: False

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: S3dani
Secret Key: 123180027
Default Region: US
S3 Endpoint: 192.168.64.114:9000
DNS-style bucket+hostname:port template for accessing a bucket: no
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-123180027\s3cmd-2.0.2>
```

8. Konfigurasi s3cmd

```
Administrator: Command Prompt

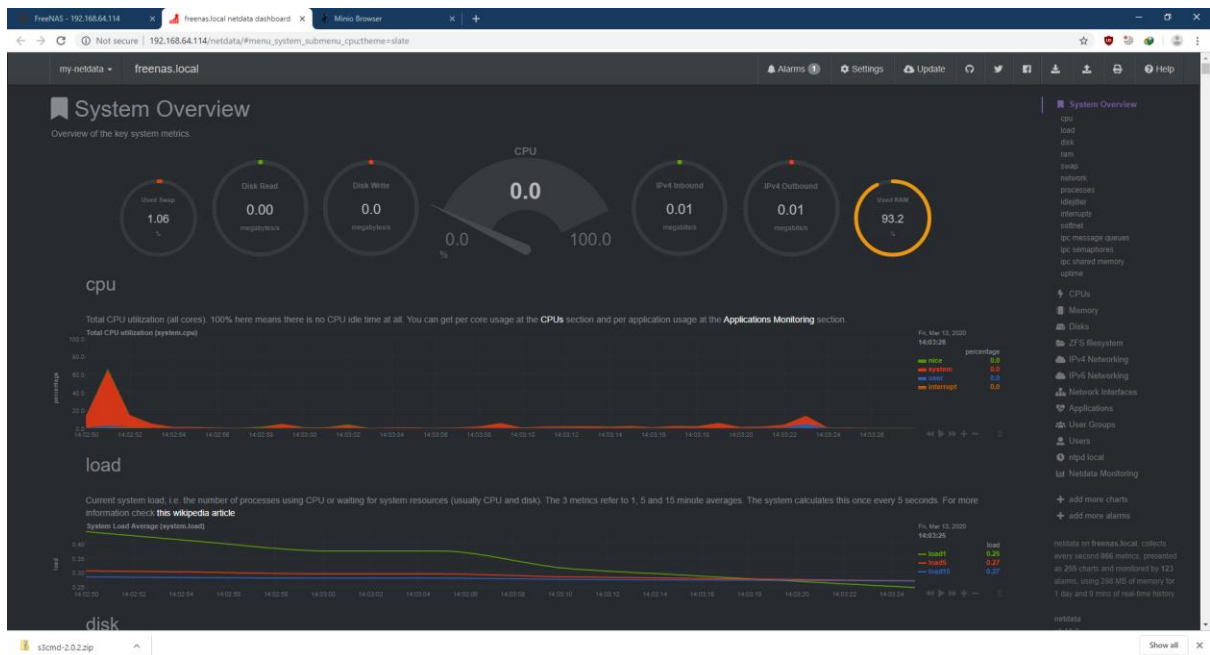
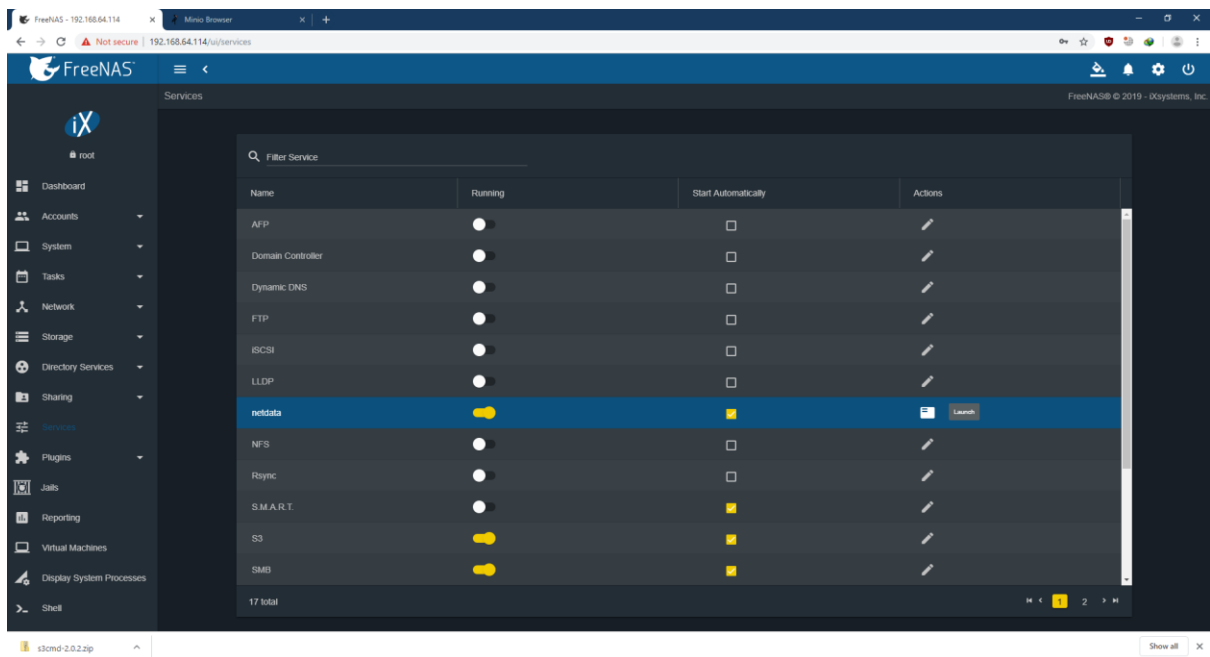
D:\VM-123180027\s3cmd-2.0.2>python s3cmd ls
2020-03-13 06:38 s3://bucket-personal
2020-03-13 06:38 s3://bucket-public

D:\VM-123180027\s3cmd-2.0.2>
```

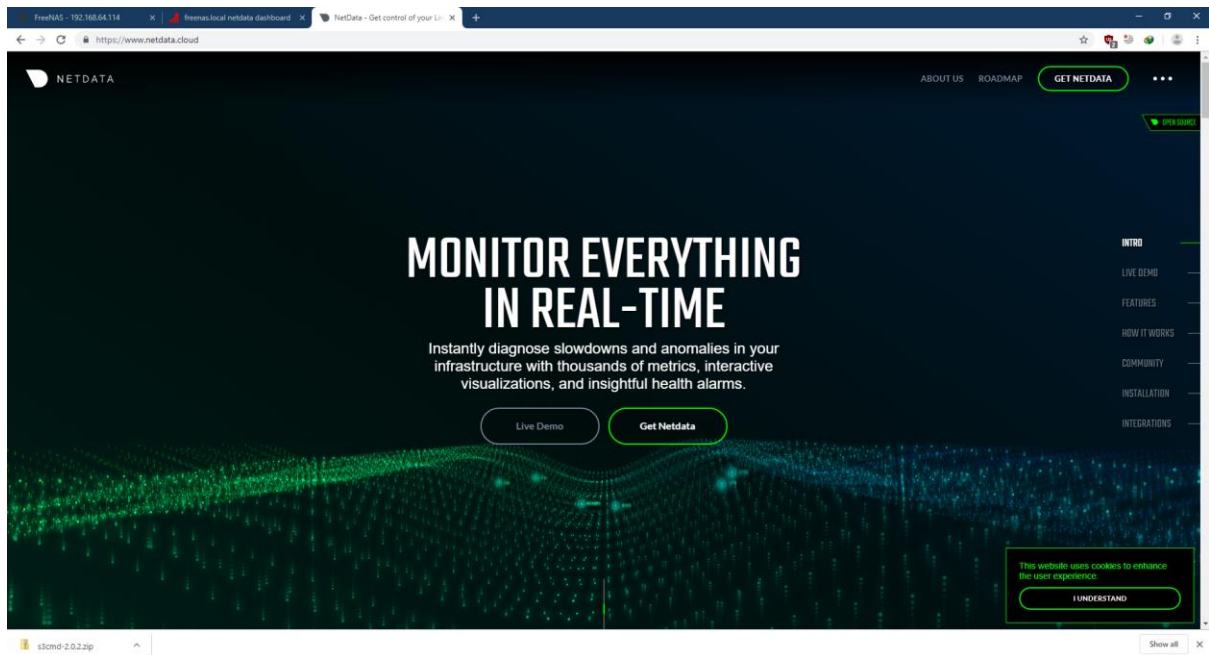
9. Coba cek s3cmd

10. Lihat dokumentasi penggunaan s3cmd di <https://docs.min.io/docs/s3cmd-with-minio.html>

B. Monitoring dengan netdata service



1. Aktifkan netdata service



2. Buka netdata.cloud di browser

C. Jails dengan Transmission

1. Buat dataset baru dan lihat tutorial di

<https://www.youtube.com/watch?v=5U9MG9MH-xw>