

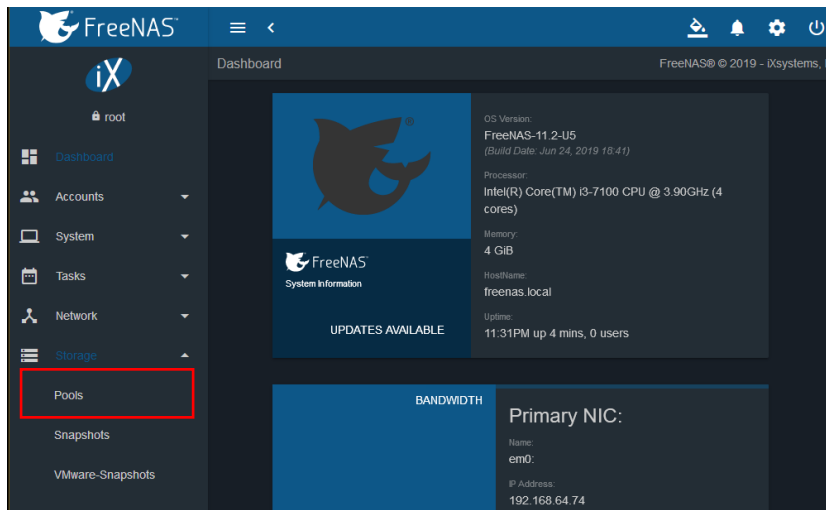
Nama : Arif Suryanto

NIM : 123170061

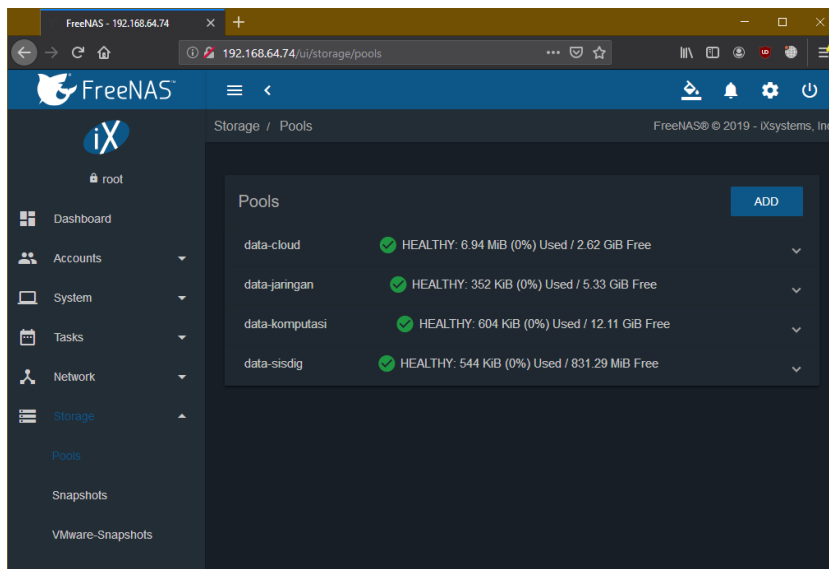
## Konfigurasi Layanan Cloud Computing Pada Freenas

S3 - Bucket Service : Block storage, atau protokol penyimpanan berbasis objek

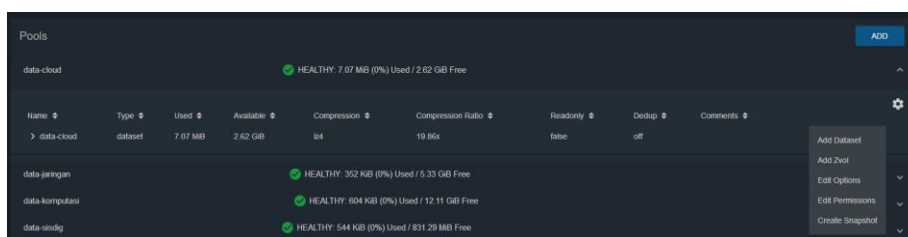
### 1. Masuk Ke Storage-> pool



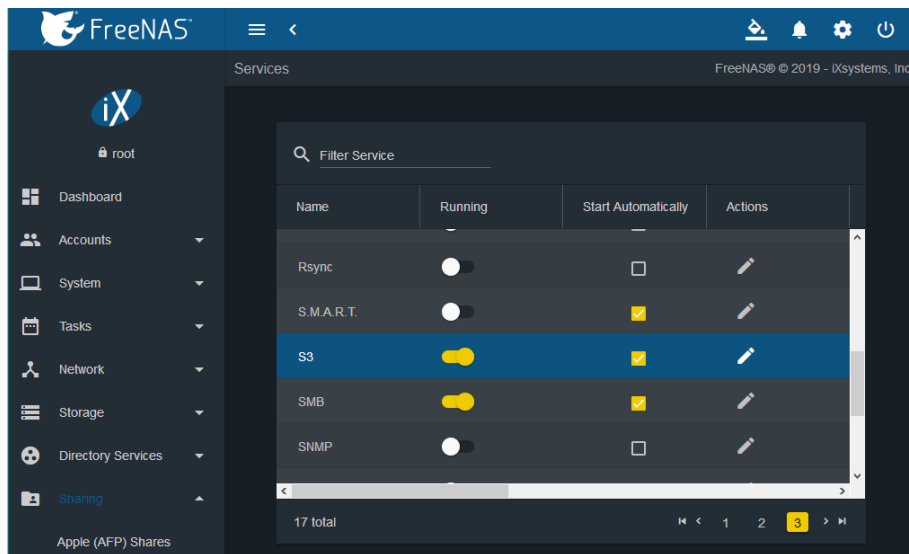
### 2. Klik data-cloud



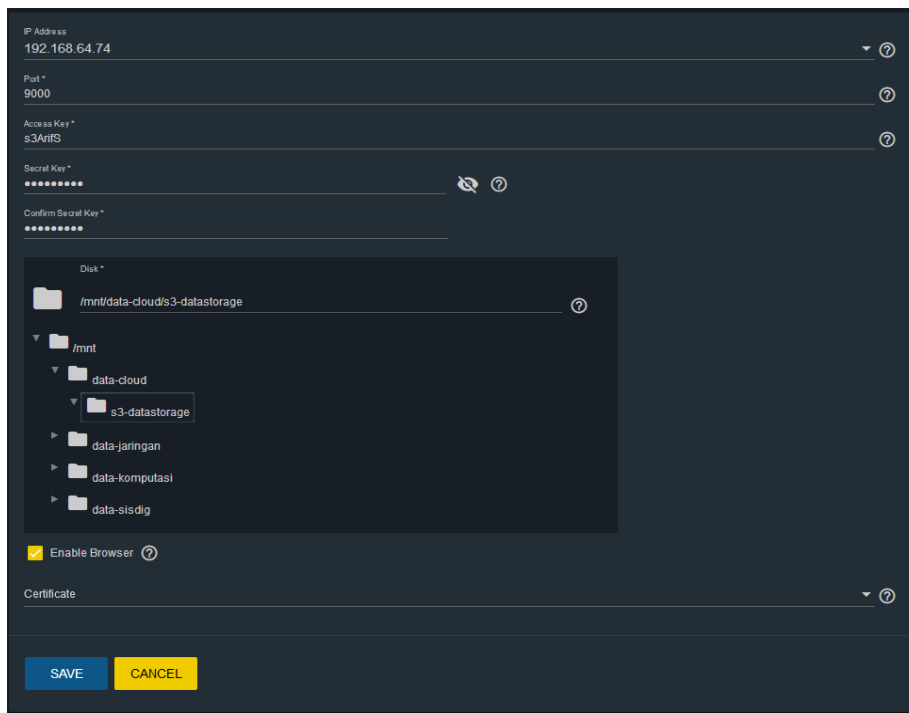
### 3. Add dataset



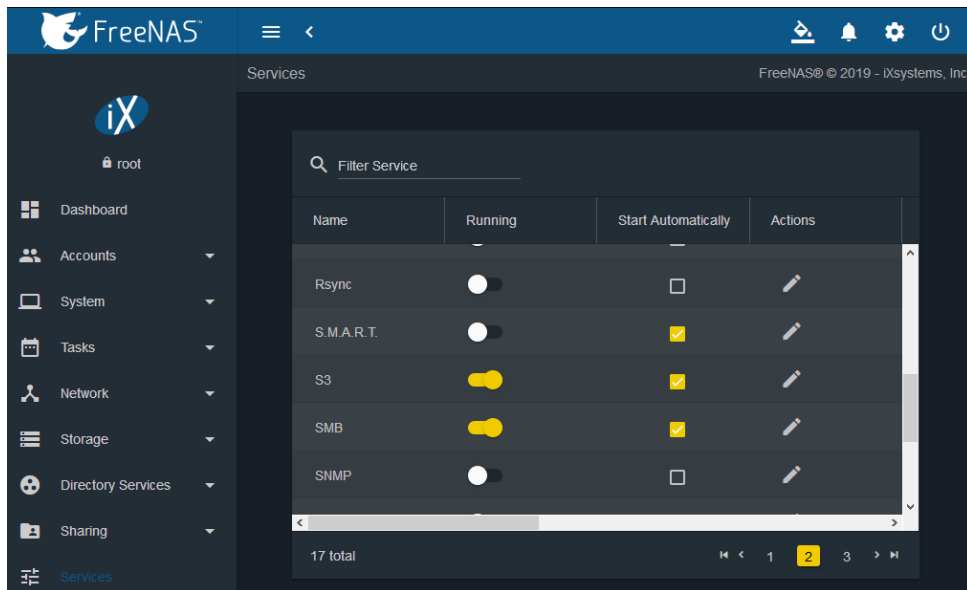
#### 4. Configure S3



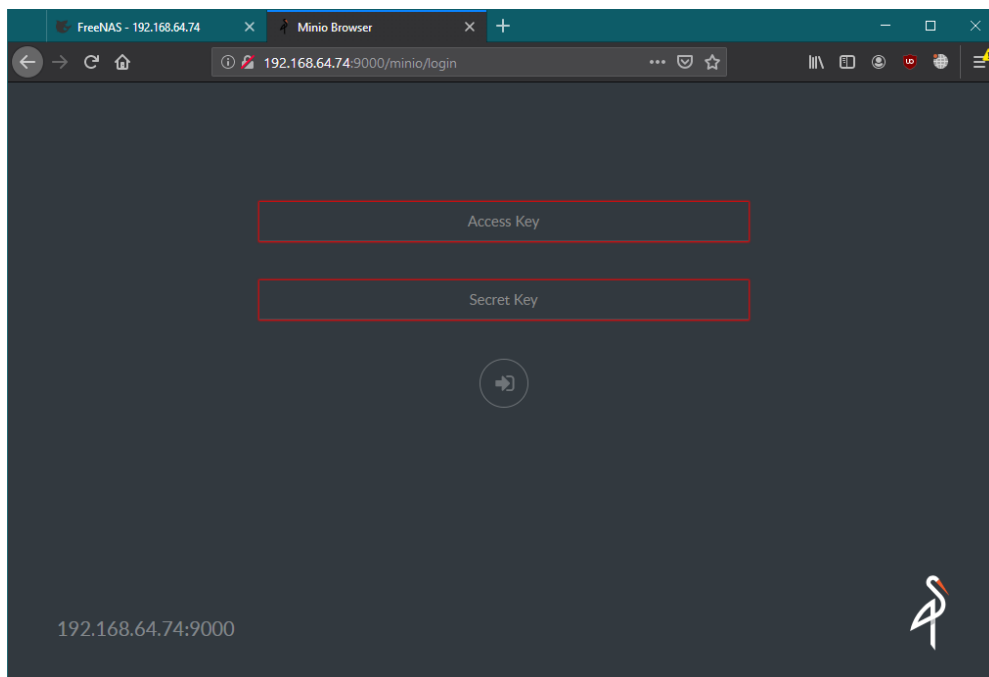
#### 5. Data Input S3



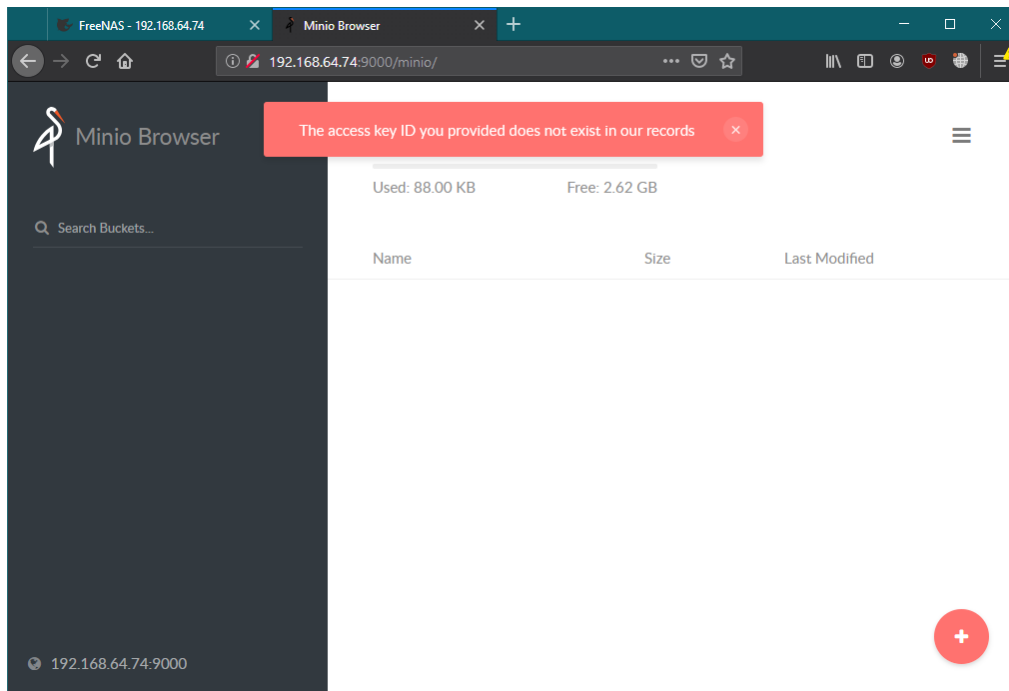
#### 6. Aktifkan dan checklist S3



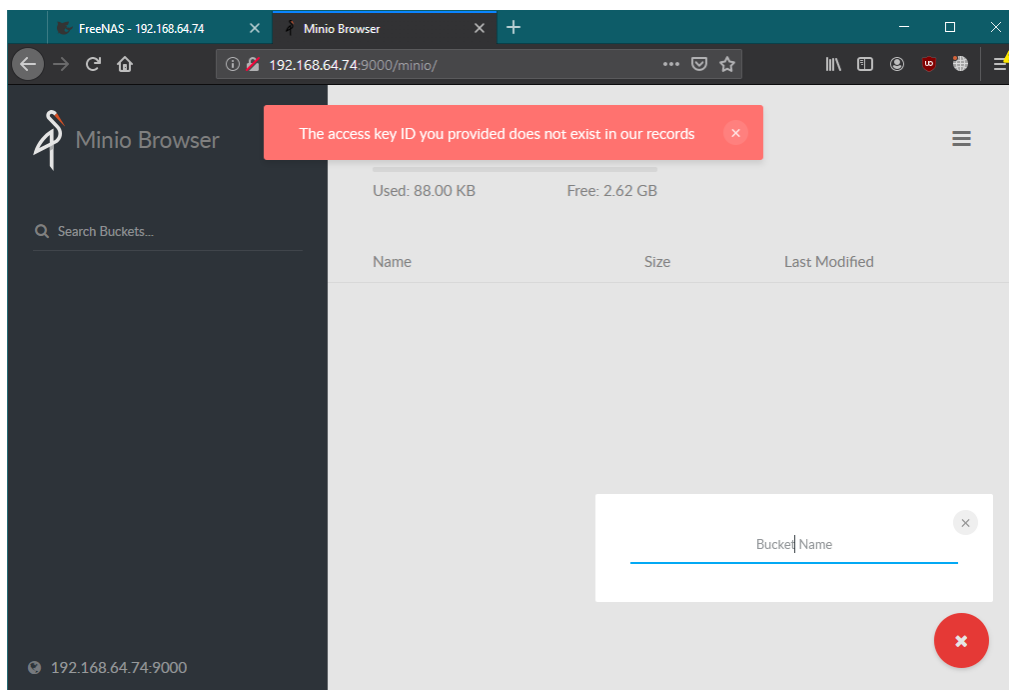
7. Ketik ke browser IpFreenas:9000



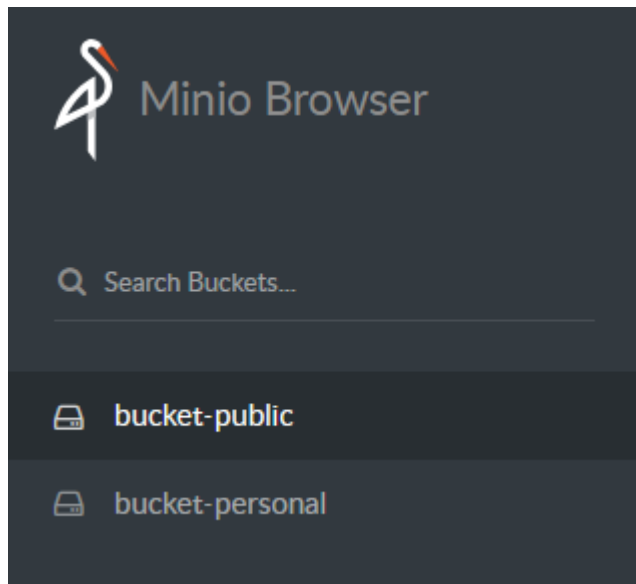
8. Tampilan Awal S3



## 9. Membuat Bucket baru



## 10. Membuat bucket



11. Membutuhkan S3cmd, install terlebih dahulu

```

Select Administrator: Command Prompt - python setup.py install
operable program or batch file.
D:\VM-123170061>cd s3cmd-2.0.2
D:\VM-123170061\s3cmd-2.0.2>python setup.py install
Using xml.etree.ElementTree for XML processing
running install
running bdist_egg
running egg_info
writing s3cmd.egg-info\PKG-INFO
writing dependency_links to s3cmd.egg-info\dependency_links.txt
writing requirements to s3cmd.egg-info\requires.txt
writing top-level names to s3cmd.egg-info\top_level.txt
reading manifest file 's3cmd.egg-info\SOURCES.txt'
reading manifest template 'MANIFEST.in'
writing manifest file 's3cmd.egg-info\SOURCES.txt'
installing library code to build\bdist.win32\egg
running install_lib
running build_py
creating build
creating build\lib
creating build\lib\S3
copying S3\AccessLog.py -> build\lib\S3
copying S3\ACL.py -> build\lib\S3
copying S3\BidirMap.py -> build\lib\S3
```

12. Konfigurasi S3CMD

```

Administrator: Command Prompt
D:\VM-123170061\s3cmd-2.0.2>
D:\VM-123170061\s3cmd-2.0.2>python s3cmd --configure
```

13. Isi data sampe success

```
Administrator: Command Prompt

Try setting it here if you can't connect to S3 directly
HTTP Proxy server name:

New settings:
  Access Key: s3ArifS
  Secret Key: 123170061
  Default Region: US
  S3 Endpoint: 192.168.64.74:9000
  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-123170061\s3cmd-2.0.2>
```

14. Untuk menampilkan folder

```
Administrator: Command Prompt

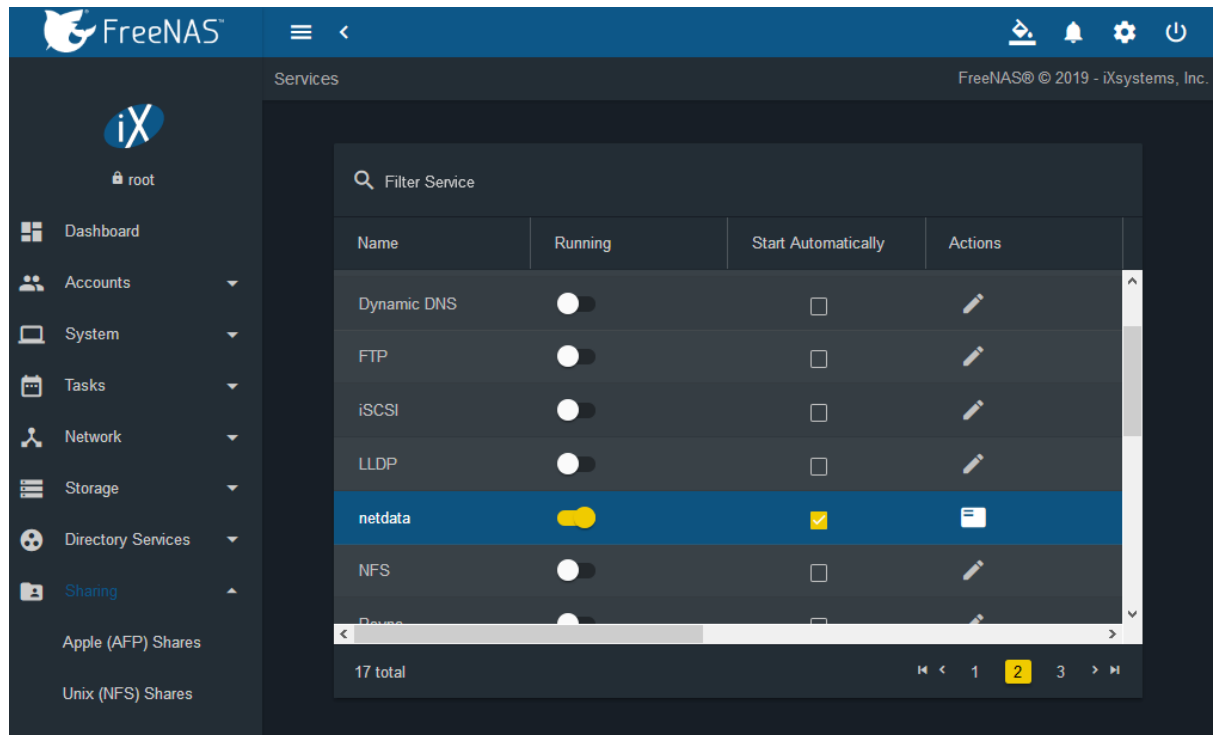
D:\VM-123170061\s3cmd-2.0.2>python s3cmd ls
2020-03-12 07:11 s3://bucket-personal
2020-03-12 07:11 s3://bucket-public

D:\VM-123170061\s3cmd-2.0.2>
```

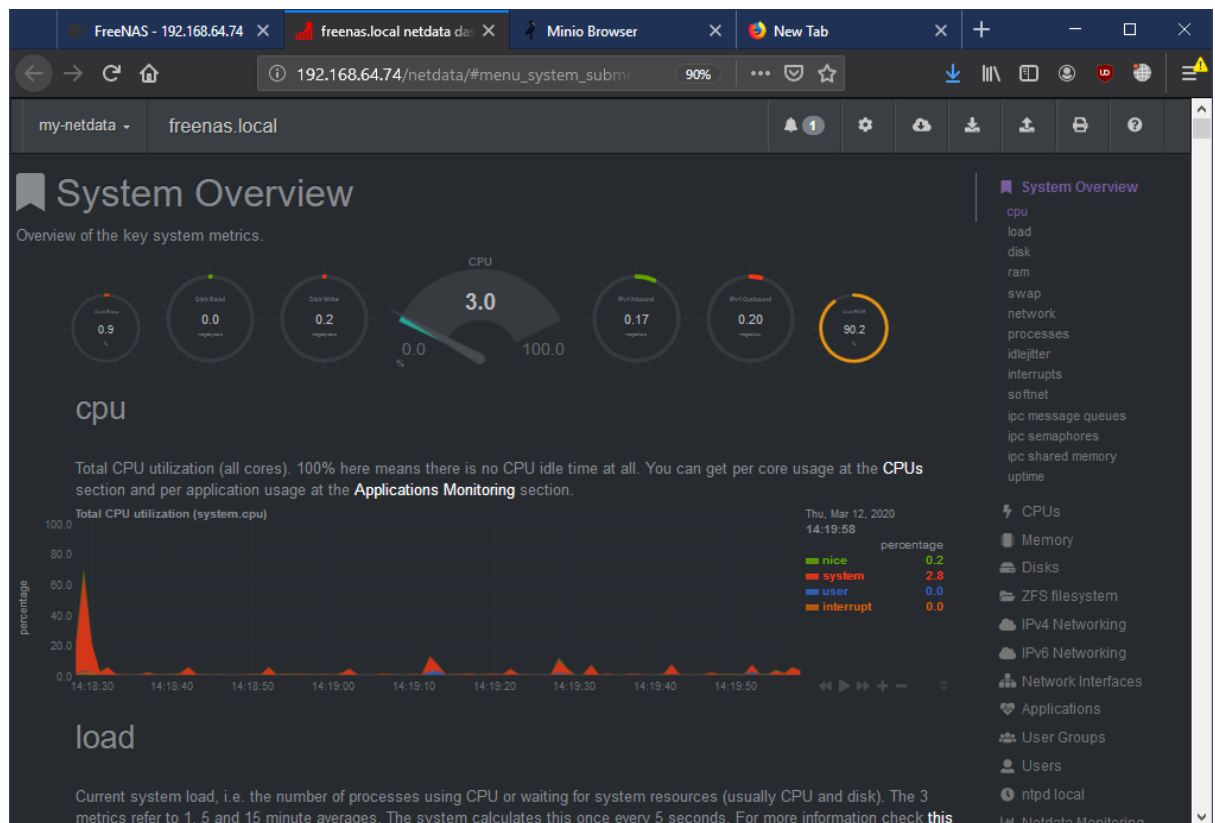
## Monitoring dengan NetData Service

NetData = Layanan monitoring performa secara real-time

### 1. Aktifkan netdata



### 2. Kemudian launch konfigurasi, berikut tampilan awalnya. Atau dapat diakses dengan IPFrenas/netdata



Mencoba Jails dengan Transmission

?



## Project

1. Layanan LAMPP  
Tugas KP yang ditransformasikan dalam Lampp Ubuntu
2. Layanan Docker  
Sharing File
3. Layanan kombinasi Freenas