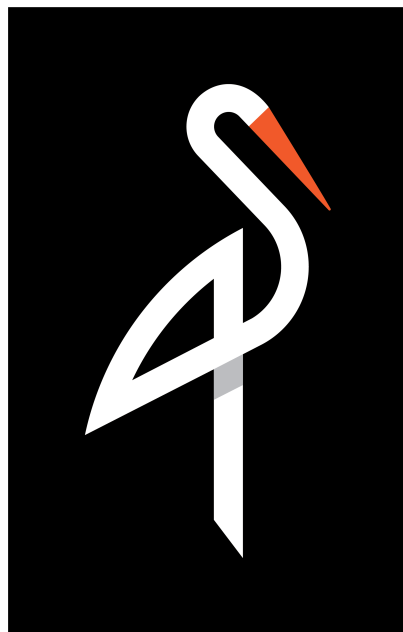


分布式对象存储 minio 实战

MINIO



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分布式对象存储 minio 实战

[Minio](#)

[Iptables](#)

[Nginx](#)

[Minio + Nginx](#)

[drip-minio](#)

[tomcat](#)

[参考](#)

Minio

- 下载 minio 最新 Linux X64 版本。
- 下载 minio client 最新 Linux X64 版本。
- `cd /usr/local/minio` ,将 minio , mc 放在此目录下。
- 创建 `minio_startup.sh`,赋予 +x 权限, 以后 `./minio_startup.sh` 启动server。

```
#!/bin/bash

cd /usr/local/minio
export MINIO_ACCESS_KEY=VACKUOVB50AJZ15BIN0T
export MINIO_SECRET_KEY=dxORRbrilKrum8nXzvwXq1Z/0RkGioutosbpz9Z2
export MINIO_REGION="us-east-1"
./minio server --config-dir /usr/local/minio /Data &
```

- 创建一个 Amazon S3 compatible host,

```
./mc config host add myminio http://192.168.128.4:9000 VACKUOVB50AJZ15BIN0T
dxORRbrilKrum8nXzvwXq1Z/0RkGioutosbpz9Z2
```

- 创建一个bucket, 命名为 `elevpic`。

```
./mc mb myminio/elevpic
```

- 赋予 bucket -> `elevpic` public 权限。

```
./mc policy public myminio/elevpic
```

Iptables

- 修改iptables 配置，minio 默认端口：9000。

```
-A INPUT -p tcp --dport 9000 -j ACCEPT
```

- 重启iptables。

```
service iptables restart
```

Nginx

- 安装 Nginx。将 nginx 移动至新建目录下：

```
sudo mkdir /usr/local/nginx
```

```
yum -y install gcc gcc-c++ make libtool zlib zlib-devel openssl openssl-devel pcre pcre-devel
mv nginx-1.14.0.tar.gz /usr/local/nginx/
tar -zxvf nginx-1.14.0.tar.gz
cd nginx-1.14.0
./configure --prefix=/usr/local/nginx
make
make install

# Nginx 启动
/usr/local/nginx/sbin/nginx -c /usr/local/nginx/conf/nginx.conf
```

Minio + Nginx

- 外网访问

```
listen      8001;
server_name localhost;

#charset koi8-r;

#access_log logs/host.access.log main;

location / {
    proxy_buffering off;
    proxy_pass http://127.0.0.1:9000;
    proxy_set_header HOST $host:18002;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header X-Real-Client-IP $remote_addr|$http_x_real_client_ip;
```

```

        proxy_redirect http:// $scheme://;
    }

    location ~ /minio/.*$ {
        root    /usr/local/nginx/html;
        index   index.html index.htm;
    }

```

■ 内网访问

```

listen 8091;
server_name localhost;

#charset utf-8;

location / {
    proxy_pass http://127.0.0.1:9000;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header X-Real-Client-IP $remote_addr|$http_x_real_client_ip;
    proxy_redirect http:// $scheme://;
}

error_page 500 502 503 504 /50x.html;
location = /50x.html {
    root    html;
}

```

drip-minio

- minio rest service
- 采用方案 jdk8 + minio-java + resteasy + tomcat8 + Nginx
- <https://github.com/heizq/drip-minio>
- <https://github.com/heizq/drip-minio-client>

tomcat

- 部署 drip-minio ,需要jdk8,如果有jdk 多个版本, 需要指定

```

# 修改 Tomcat下 bin/setclasspath 首行添加以下代码:
set JAVA_HOME=C:/Program Files/Java/jdk1.8.0_131
set JRE_HOME=C:/Program Files/Java/jre1.8.0_131

```

参考

- minio

<https://www.minio.io/>

<https://github.com/minio/minio>

<https://github.com/minio/awesome-minio>

<https://github.com/minio/cookbook>

<https://github.com/minio/minio-service>

<https://github.com/minio/minio-java>

<https://github.com/minio/minio-java-rest-example>

<https://github.com/aboullaite/minio-starter>

<https://github.com/choerodon/file-service>

<https://github.com/waylau/rest-in-action>

- iptables

<https://www.cnblogs.com/alimac/p/5848372.html>

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- Nginx

<http://nginx.org/>

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