

Install VersityGW

<https://github.com/versity/versitygw>

```
wget
https://github.com/versity/versitygw/releases/download/v1.0.20/versitygw_1.0.20_linux_amd64.de
b
wget https://github.com/versity/versitygw/releases/download/v1.0.20/checksums.txt
sha256sum -c checksums.txt --ignore-missing
dpkg -i ./versitygw_*.deb
```

Create user and Service

```
useradd -m -s /bin/bash -d /poolname/versitygw/home -u 1100 -g 1100 versitygw
echo "versitygw:$(openssl rand -base64 100 | tr -d '+=/\n\r' | cut -c 1-70)" | chpasswd
```

Edit file:

```
nano /etc/versitygw.d/versitygw.conf
```

Paste content:

```
VGW_BACKEND=posix

# When VGW_BACKEND is posix or scoutfs, VGW_BACKEND_ARG must be defined
# as the the top level directory for the gateway.
# All sub directories of the top level directory are treated as buckets,
# and all files/directories below the "bucket directory" are treated as
# the objects. The object name is split on "/" separator to translate
# to posix storage.
# For example:
# (VGW_BACKEND_ARG) top level: /mnt/fs/gwroot
# bucket: mybucket
# object: a/b/c/myobject
# will be translated into the file /mnt/fs/gwroot/mybucket/a/b/c/myobject
```

```
VGW_BACKEND_ARG=/poolname/versitygw/buckets
```

```
ROOT_ACCESS_KEY_ID=
```

```
ROOT_SECRET_ACCESS_KEY=
```

```
VGW_PORT=:7070
```

```
VGW_ADMIN_PORT=:17070
```

```
VGW_IAM_DIR=/poolname/versitygw/accounts
```

Usage

```
access=<admin_access_key_id>
```

```
secret=<admin_secret_access_key>
```

```
port=17070
```

```
# Create user
```

```
versitygw admin -a $access -s $secret -er http://127.0.0.1:$port create-user -a  
<user_access_key_id> -s <user_secret_access_key> -r <user_role> -ui <user_userID> -gi  
<user_groupID>
```

```
#user role: 'user', 'admin', 'userplus' (userplus is able to create buckets, user not)
```

```
#ui and gi are optional
```

```
# Delete user
```

```
versitygw admin -a $access -s $secret -er http://127.0.0.1:$port delete-user -a  
<user_access_key_id>
```

```
# List users
```

```
versitygw admin -a $access -s $secret -er http://127.0.0.1:$port list-users
```

```
# Change Bucket Owner
```

```
versitygw admin -a $access -s $secret -er http://127.0.0.1:$port change-bucket-owner -b  
<bucket_name> -o <new_owner_access>
```

```
# List Buckets and Owners
```

```
versitygw admin -a $access -s $secret -er http://127.0.0.1:$port list-buckets
```

Update Script

```
#!/bin/bash
v=$(curl -s https://api.github.com/repos/versity/versitygw/releases/latest | grep
'"tag_name":' | sed -E 's/.*"([^"]+)".*\1/')
wget
"https://github.com/versity/versitygw/releases/download/${v}/versitygw_${v:1}_linux_amd64.deb"
wget "https://github.com/versity/versitygw/releases/download/${v}/checksums.txt"

sha256sum -c checksums.txt --ignore-missing
if [ $? == 0 ]
then
    rm checksums.txt
    read -p "Do you want to install $v? (y/N) " confirm
    [[ "$confirm" != "y" ]] && exit 0
    dpkg -i ./versitygw_${v:1}_linux_amd64.deb
    systemctl daemon-reload
    systemctl restart versitygw@*
    sleep 3
    systemctl status versitygw@*
fi
```

Revision #4

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