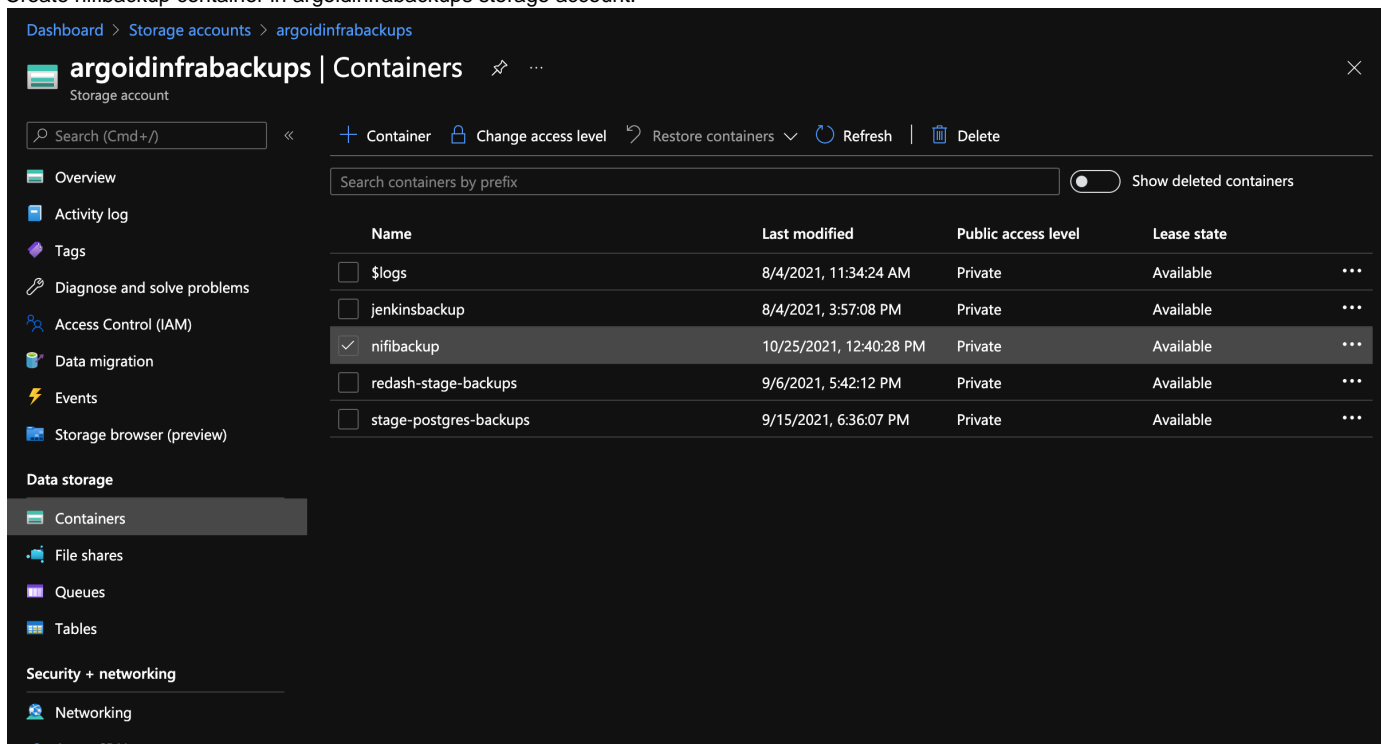# Nifi Backup

Install the Azure CLI on Linux

```
sudo rpm --import https://packages.microsoft.com/keys/microsoft.asc
```

```
echo -e "[azure-cli]
name=Azure CLI
baseurl=https://packages.microsoft.com/yumrepos/azure-cli
enabled=1
gpgcheck=1
gpgkey=https://packages.microsoft.com/keys/microsoft.asc" | sudo tee
/etc/yum.repos.d/azure-cli.repo
```

```
sudo yum install azure-cli
```

Create container in Azure storage account

Create nifibackup container in argoidinfrabackups storage account.

Download and extract Nifi toolkit

wget https://archive.apache.org/dist/nifi/1.13.2/nifi-toolkit-1.13.2-bin.tar.gz

tar -xvf nifi-toolkit-1.13.2-bin.tar.gz

Sync Nifi backup with azure storage container

To fetch the access keys we need to login to azure portal Storage accounts argoidinfrabackups container.

Click on Access keys, we can view the access keys by clicking on show keys.

Cronjob

```
#SHELL=/bin/bash

##export azure properties
AZURE_STORAGE_KEY="
UilImJy48TPIgdwOCWXQAi9ovSEJCg5lqzJw24ZBra4VFYgOeo458HB+OdkLy43w0I9LEhD2
PwlwpoOVovoRiA=="
AZURE_STORAGE_AUTH_MODE="key"
AZURE_STORAGE_ACCOUNT="argoidinfrabackups"
AZURE_STORAGE_CONNECTION_STRING="DefaultEndpointsProtocol=https;
AccountName=argoidinfrabackups;
AccountKey=UilImJy48TPIgdwOCWXQAi9ovSEJCg5lqzJw24ZBra4VFYgOeo458HB+OdkLy
43w0I9LEhD2PwlwpoOVovoRiA==;EndpointSuffix=core.windows.net"

20 04 * * * /opt/nifi_bkup_scripts/nifi_bk_script.sh
30 04 * * * az storage azcopy blob sync --container nifibackup  -s /opt
/nifi_bkup_files/
```

Nifi backup script

```bash
#!/bin/bash

date=$(date '+%Y-%m-%d_%H:%M:%S')
backup_dir=/opt/nifi_bkup
delfilepath=/opt/nifi_bkup_files
nifi_home=/opt/nifi
nifi_toolkit_home=/opt/nifi-toolkit
nifi_backup=/opt/nifi_bkup_files/nifi_bk_$date.tar.gz

rm -rf $backup_dir
sh $nifi_toolkit_home/bin/file-manager.sh -o backup -b $backup_dir -c
$nifi_home
tar -zcf $nifi_backup $backup_dir
find $delfilepath -mtime +7 -type f -delete
```