

Nifi Backup

Install the Azure CLI on Linux

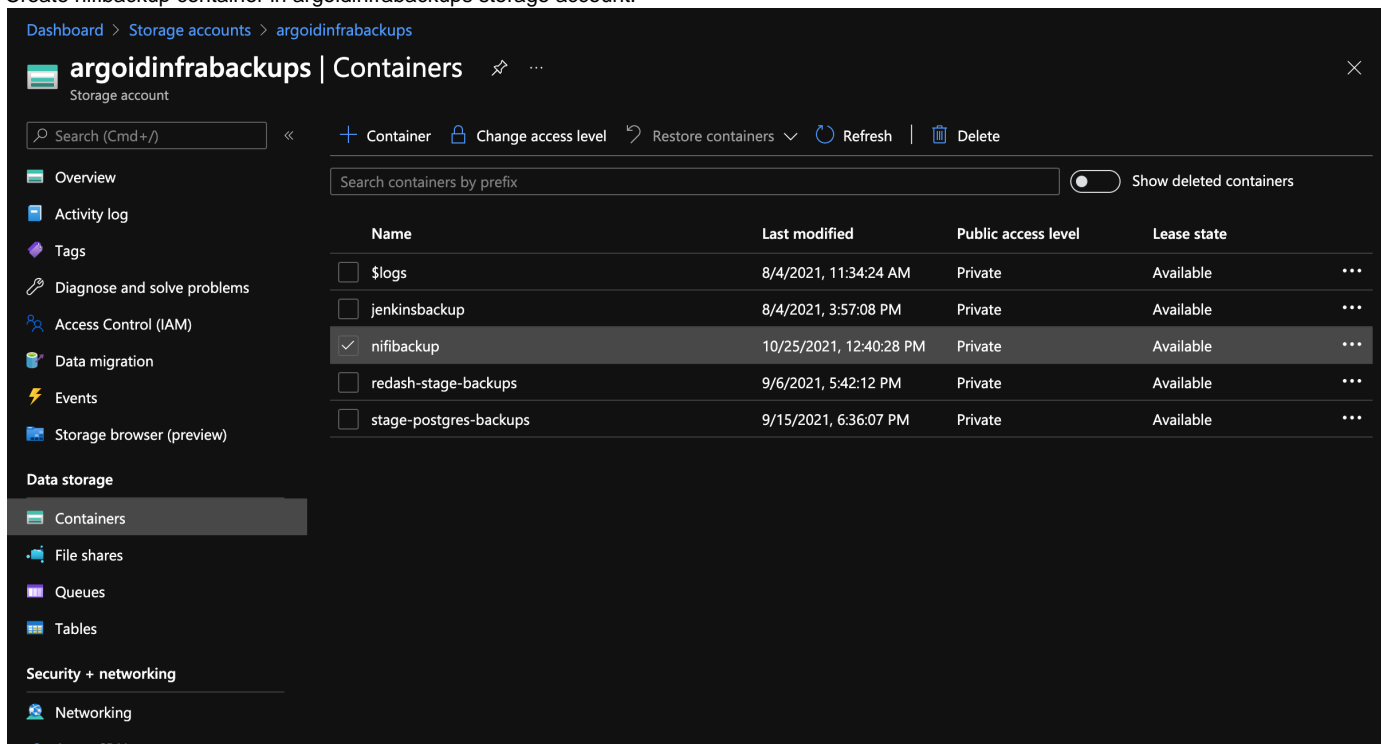
```
sudo rpm --import https://packages.microsoft.com/keys/microsoft.asc
```

```
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.



The screenshot shows the Azure portal interface for the 'argoidinfrabackups' storage account. The 'Containers' tab is active, displaying a list of containers. The 'nifibackup' container is selected, indicated by a checkmark in the first column. The table lists the following containers:

Name	Last modified	Public access level	Lease state
\$logs	8/4/2021, 11:34:24 AM	Private	Available
jenkinsbackup	8/4/2021, 3:57:08 PM	Private	Available
nifibackup	10/25/2021, 12:40:28 PM	Private	Available
redash-stage-backups	9/6/2021, 5:42:12 PM	Private	Available
stage-postgres-backups	9/15/2021, 6:36:07 PM	Private	Available

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.

Dashboard > Storage accounts > argoidinfrabackups

argoidinfrabackups | Access keys

Storage account

Search (Cmd+ /) << Hide keys Set rotation reminder Refresh

Events

Storage browser (preview)

Data storage

- Containers
- File shares
- Queues
- Tables

Security + networking

- Networking
- Azure CDN
- Access keys**
- Shared access signature
- Encryption
- Security

Data management

- Geo-replication

Access keys authenticate your applications' requests to this storage account. Keep your keys in a secure location like Azure Key Vault, and replace them often with new keys. The two keys allow you to replace one while still using the other.

Remember to update the keys with any Azure resources and apps that use this storage account. [Learn more](#)

Storage account name

argoidinfrabackups

key1

Last rotated: 04/08/2021 (92 days ago)

Rotate key

Key

UillmJy48TPIdgWOCWXQAI9ovSEJCg5lqzJw24ZBra4VFYgOeo458HB+OdkLy43w0I9...

Connection string

DefaultEndpointsProtocol=https;AccountName=argoidinfrabackups;AccountKey=...

key2

Last rotated: 04/08/2021 (92 days ago)

Rotate key

Key

jHvcEyaySb4S+1q9CYqaaj/YqI7Z7oHVUBLLm99O/syZWyl8ykApPMb8TamXOva7g...

Connection string

Cronjob

```
#SHELL=/bin/bash

##export azure properties
AZURE_STORAGE_KEY="
UilImJy48TPIdgWOCWXQAI9ovSEJCg5lqzJw24ZBra4VFYgOeo458HB+OdkLy43w0I9LEhD2
PwlwpoOVovoRiA=="
AZURE_STORAGE_AUTH_MODE="key"
AZURE_STORAGE_ACCOUNT="argoidinfrabackups"
AZURE_STORAGE_CONNECTION_STRING="DefaultEndpointsProtocol=https;
AccountName=argoidinfrabackups;
AccountKey=UilImJy48TPIdgWOCWXQAI9ovSEJCg5lqzJw24ZBra4VFYgOeo458HB+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

```
#!/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
```