# Grafana-Dashboard Backup

**Install the Azure CLI on Linux**

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

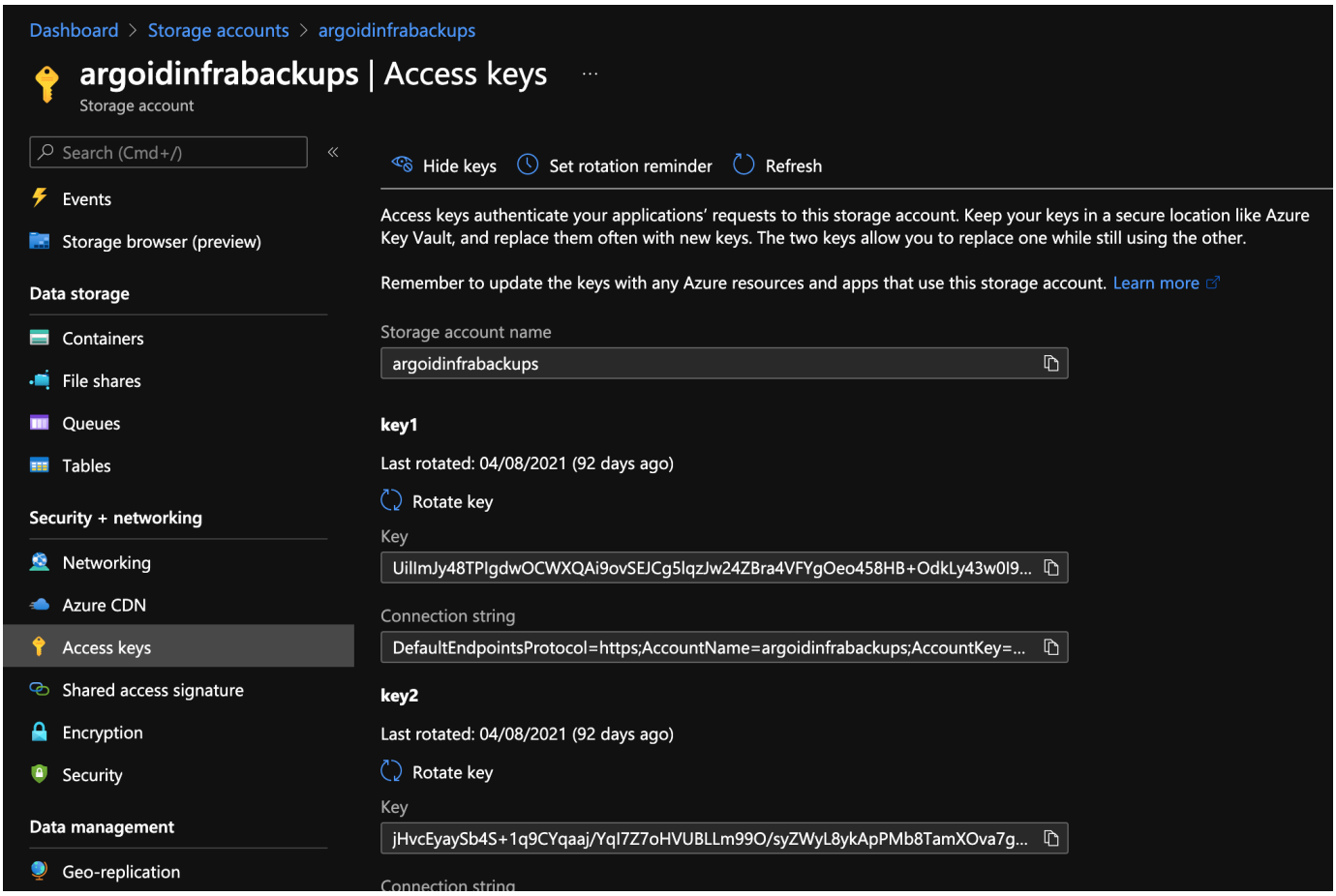
```
echo -e "[azure-cli]
name=Azure CLI
baseurl=https://packages.microsoft.com/yumrepos/azure-cli
enabled=1
gpgcheck=1
gpgkey=https://packages.microsoft.com/keys/microsoft.asc" | sudo tee
/etc/yum.repos.d/azure-cli.repo
```

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

**To fetch the access keys.**

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.




Contab -l

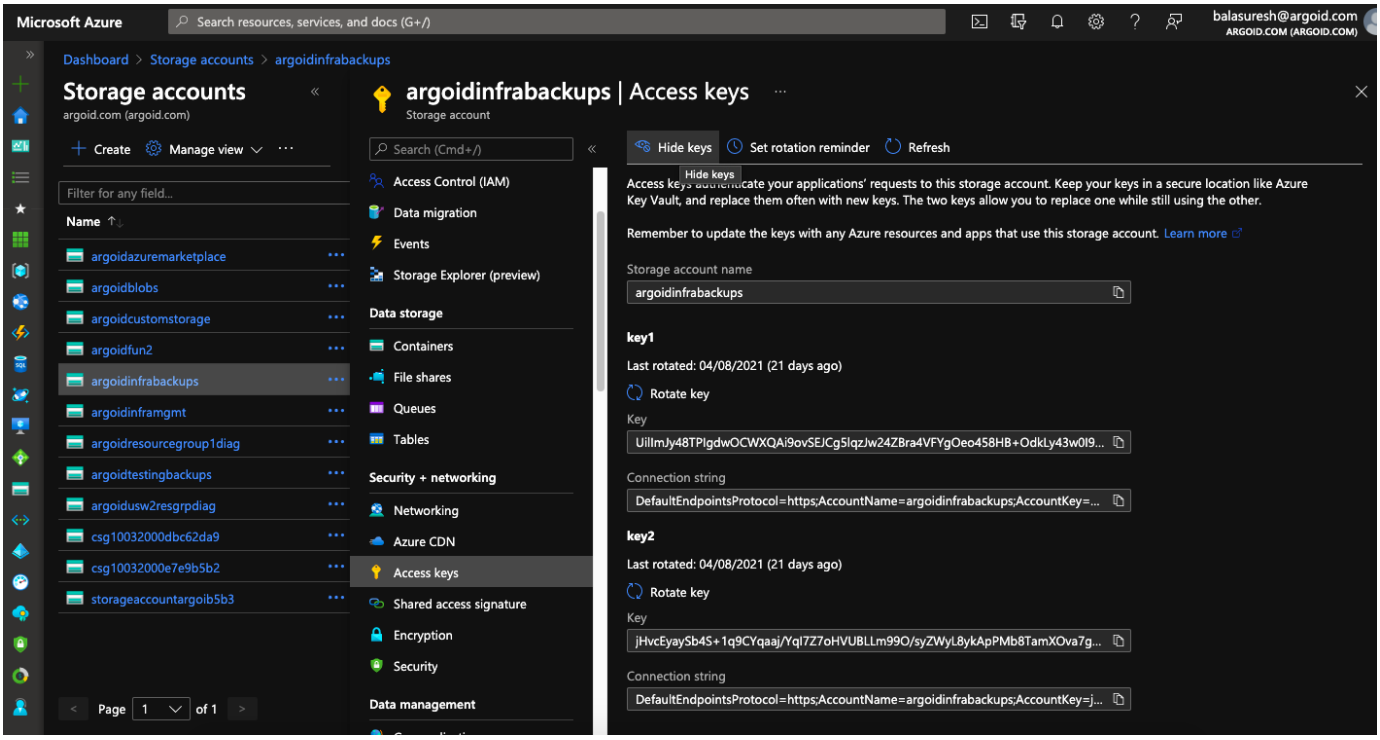
crontab for the above script

```
#SHELL=/bin/bash

##export azure properties
AZURE_STORAGE_KEY="
lekfhndlvasdjkhdsvkdsaskavsaknsdOdkLy43w0I9LEhD2PwlwpoOVovoRiA=="
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"

58 04 * * * /opt/grafana_backup/scripts/backupscript.sh
30 03 * * * az storage azcopy blob sync --container grafana-stage-
backup  -s /opt/grafana_backup/backup/
```

**Sync Grafana backup with azure storage container**




**Set Env variables:**

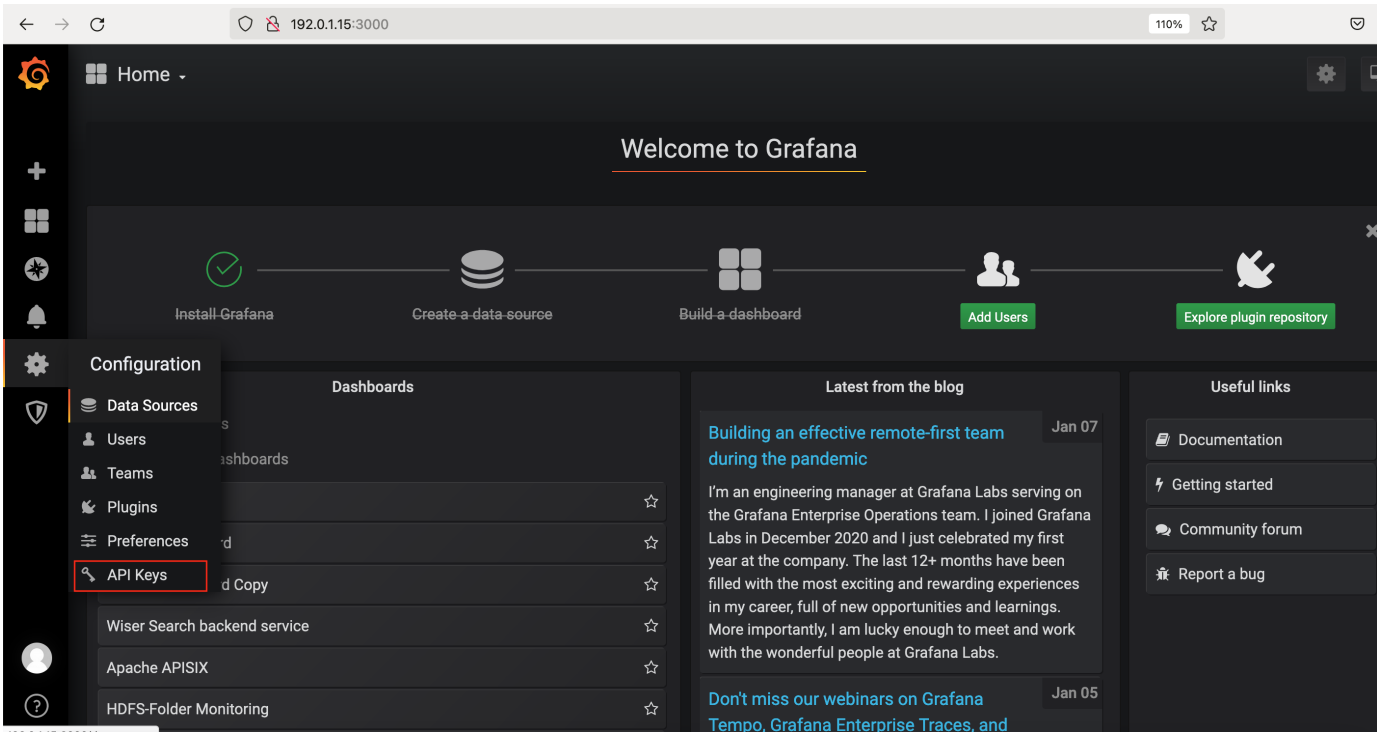
```
export
AZURE_STORAGE_KEY=UilImJy48TPIgdw**************************************
export AZURE_STORAGE_AUTH_MODE=key
export AZURE_STORAGE_CONNECTION_STRING="DefaultEndpointsProtocol=https;
AccountName=argoidinfrabackups;
AccountKey=UilImJy48TPIgdwOCWXQAi9ovSEJ*******************************"
export AZURE_STORAGE_ACCOUNT=argoidinfrabackups
```

**To Backup grafana-dashboard follow the following documentation.**

Source:-https://github.com/ysde/grafana-backup-tool

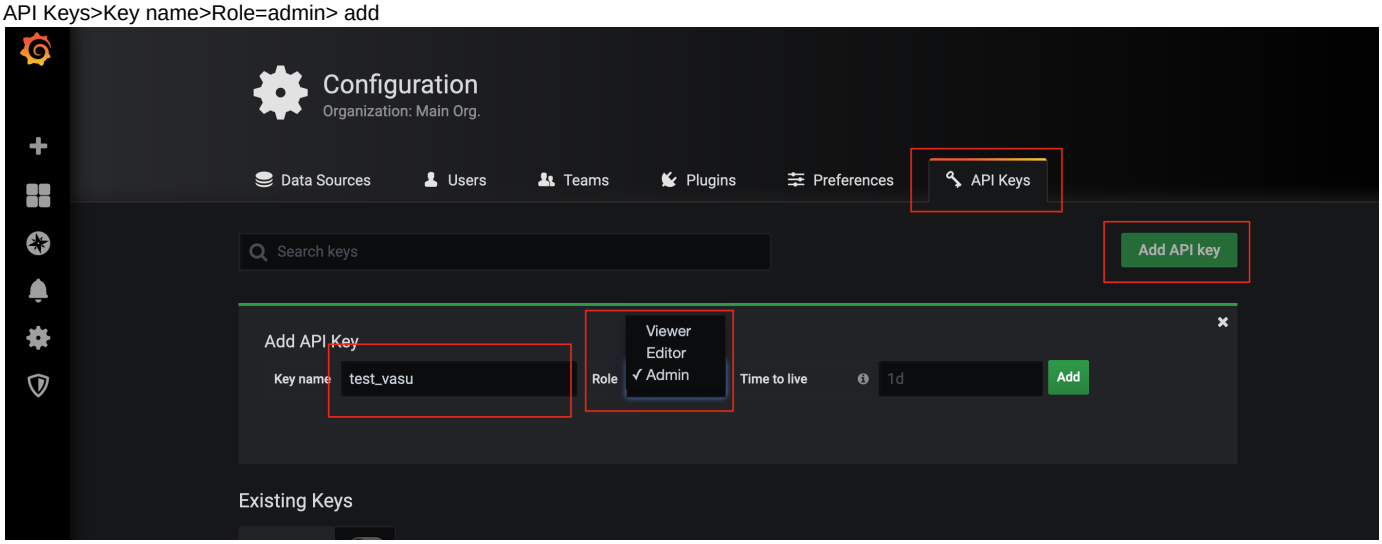
**Step1:-** Configure the backup keys in the grafana UI.
In the grafana UI go to the configuration settings and click on API Keys.

Configuration>API Keys.

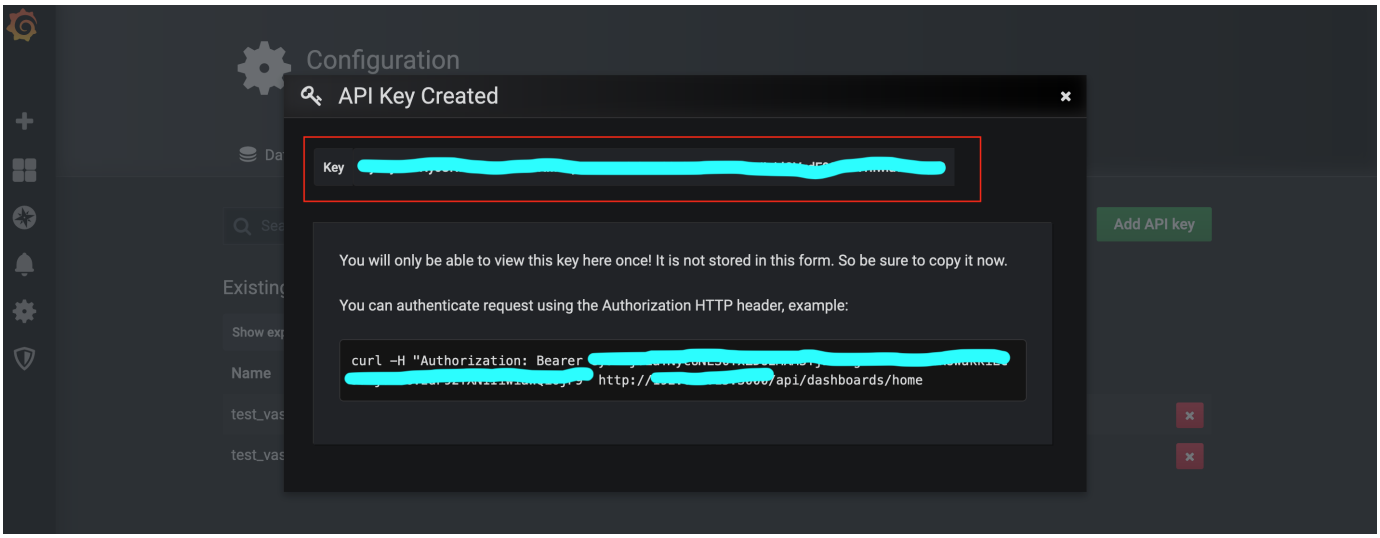



Click on Add API key Keyname give admin permissions for it

API Keys>Key name>Role=admin> add




After clicking on add you will get a popup od API key token note it in a separate tab




note down the Key in a separate notepad since it can be viewed only once..

**step2**:- Go to the system which we want to take backup grafana dashboard

**Step3:-** Install the grafana-backup tool using the above commands..

It is best practice to install it in the /opt/grafana_backup/ directory by using the root user..

### Installation using the repo

First clone this repo

```
git clone https://github.com/ysde/grafana-backup-tool.git
cd grafana-backup-tool
```

Installation works best using `pip`

```
pip install .
```

Configure the grafana backup variables in the terminal

```
export GRAFANA_URL=http://192.0.1....
export
GRAFANA_TOKEN=kashfncaskbckdfaskfgjhasfjhadsbvfhjkasfvaskjcvsajhkgsdvsak
cjsagcv
```

Use the following command to save all the dashboards and configurations into the tar file

```
grafana-backup save
```

**Step4:-**Restoring

Follow the above steps But create a new key(step1) in the new environment

and configure the new keys in the new env grafana backup variables are changed..

As of now we are storing the dashboards backup in Azure Blob

Download the file from the azure blob and use the below command to restore the dashboards..

```
grafana-backup restore _OUTPUT_/<20220501.tar.gz>
```