

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.

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
UillmJy48TPlgdwOCWXQAI9ovSEJCg5lqzJw24ZBra4VFYgOeo458HB+OdkLy43w0I9...

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

key2

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

Rotate key

Key
jHvcEyaySb4S+1q9CYqaaj/Yql7Z7oHVUULLm99O/syZWyl8ykApPMb8TamXOva7g...

Connection string

Contab -l

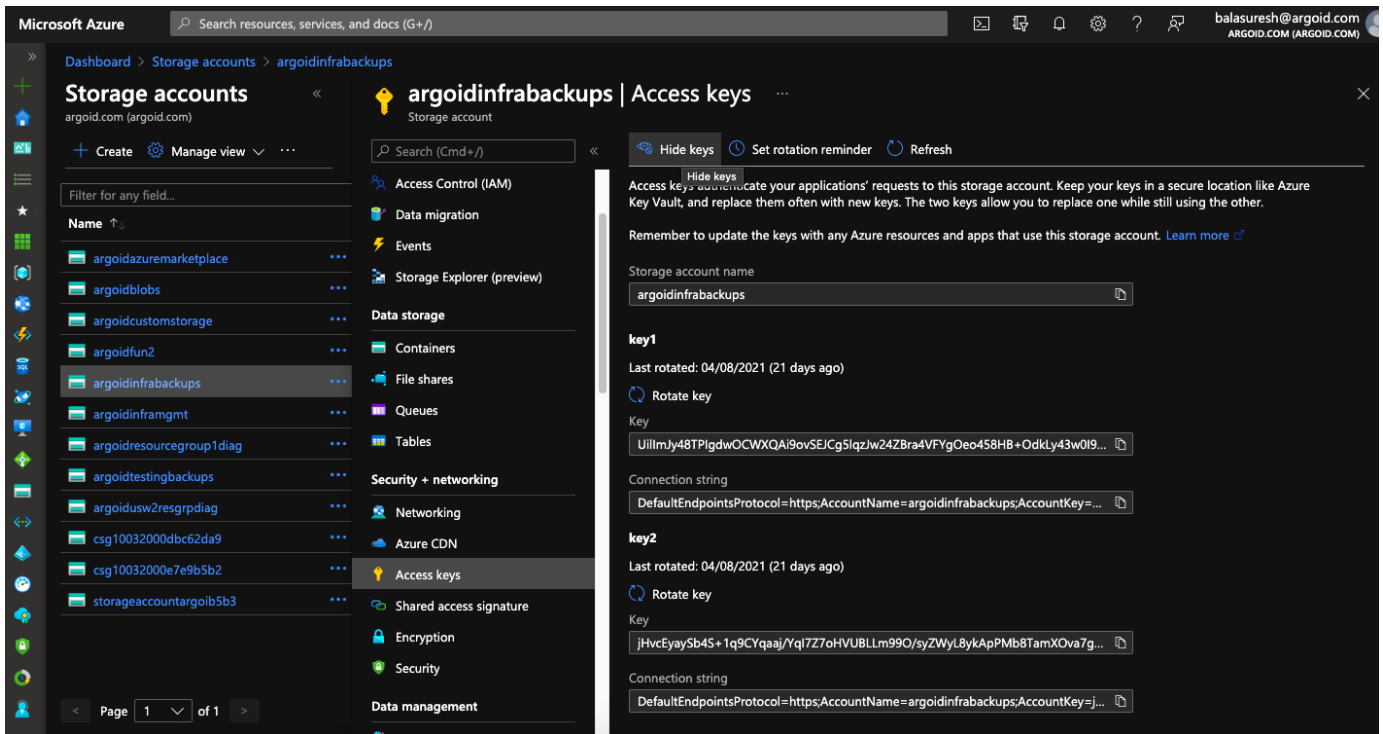
crontab for the above script

```
#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=UilImJy48TPlgdwOCWXQAI9ovSEJCg5lqzJw24ZBra4VFYgOeo458HB+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
```

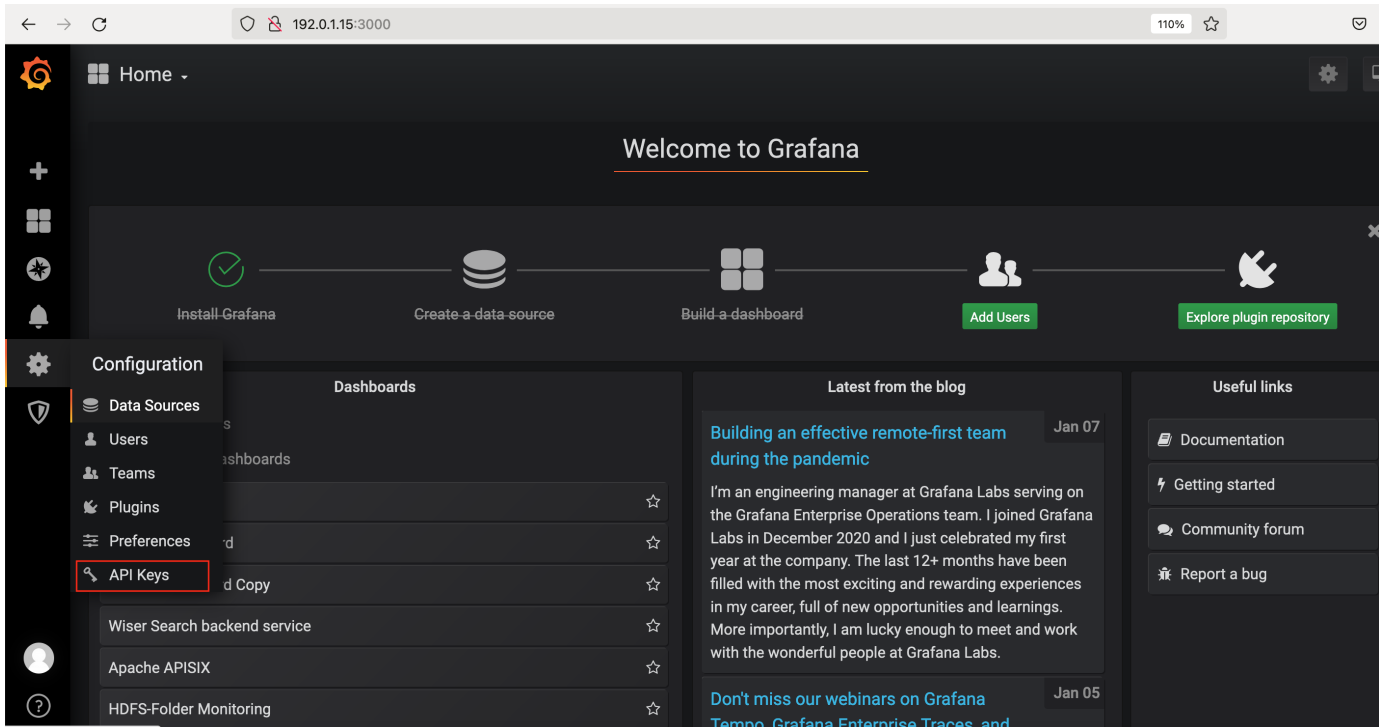
To Backup grafana-dashboard follow the following documentation.

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

Step1:- Configure the backup keys in the grafana UI.

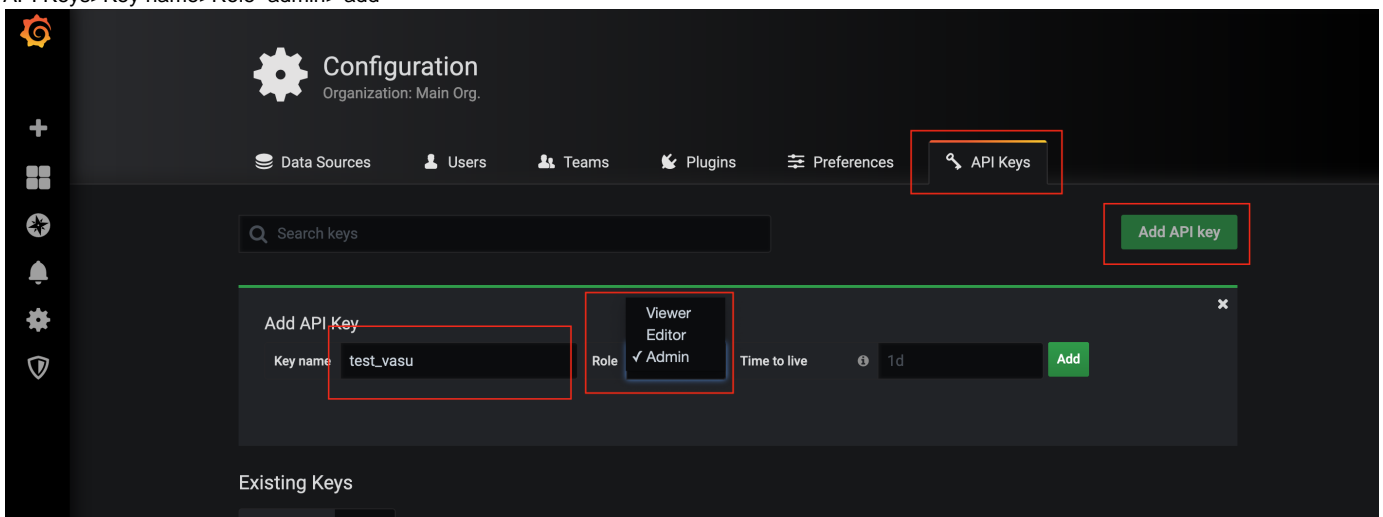
In the grafana UI go to the configuration settings and click on API Keys.

Configuration>API Keys.

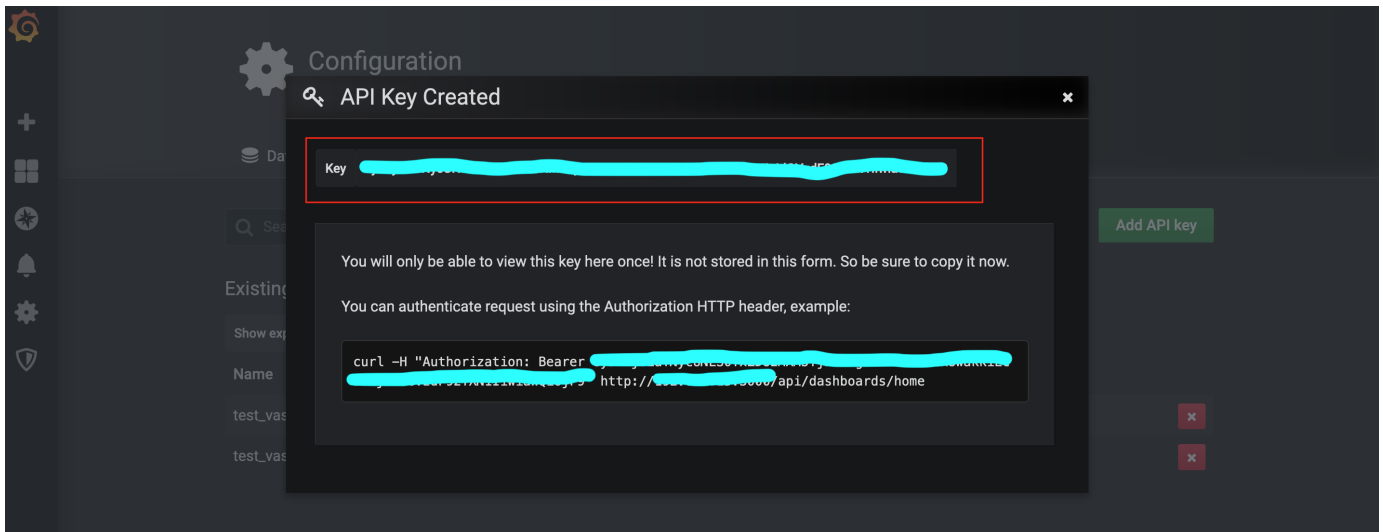


Click on Add API key Keyname give admin permissions for it

API Keys>Key name>Role=admin> add



After clicking on add you will get a popup of 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=kashfncaskbckdfaskfgjhasfjhadsbvfhjkasfvaskjcvsa jhkgsdvsak
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>
```