Kopia

```yaml
services:
  kopia:
    image: kopia/kopia:latest
    container_name: Kopia
    user: "0:0"
    restart: "unless-stopped"
    privileged: true
    cap_add:
      - SYS_ADMIN
    security_opt:
      - apparmor:unconfined
    devices:
      - /dev/fuse:/dev/fuse:rwm
    command:
      - server
      - start
      - --insecure
      - --htpasswd-file=/app/htpasswd/.htpasswd  ##To generate the htpasswd go to
https://hostingcanada.org/htpasswd-generator/ . Use Bcrypt and copy paste the output
      - --address=0.0.0.0:51515
    #    - server
    #    - --disable-csrf-token-checks
    #    - --tls-cert-file=/srv/Files/Kopia/ssl-certs/fullchain.pem
    #    - --tls-key-file=/srv/Files/Kopia/ssl-certs/privkey.pem
    #    - --address=0.0.0.0:51515
      - --server-username=xxxxx #needs to match .htpasswd
      - --server-password=XXXXXX ##needs to match the one used to generate .htpasswd
    ports:
      - 51515:51515
    volumes:
      - /srv/Files/Kopia/shared:/tmp:shared
      - /srv/Files/Kopia/config:/app/config
      - /srv/Files/Kopia/cache:/app/cache
```

```
      - /srv/Files/Kopia/logs:/app/logs

      - /srv/Files/Kopia/htpasswd:/app/htpasswd

      - /srv/Files/:/data:ro

    environment:

      KOPIA_PASSWORD: XXXXXX

      TZ: Europe/Paris

      USER: xxxxx


  ### IF you would like to assign hostname and domain name to your server.

  #     hostname: "XXX"

  #     domainname: "XXX"


  ### If you want to assign ip to your container with an existing Docker Network.

  ### Existing networks name is "Docker" in below example. Just change it with your own.

  #     networks:

  #       Docker:

  #         ipv4_address: aaa.bbb.ccc.ddd


  #### If you would like to assign DNS Server

  #     dns:

  #       - 8.8.8.8

  #


  ### Existing Networks should be defined as external.

  #networks:

  #  Docker:

  #    external: true
```

SFTP :

For known_hosts

```
cd ~/.ssh/

mv known_hosts known_hosts.bkp

ssh your_username@your_repo_host  #eg admin@192.168.1.104 (login then exit)

ssh-keyscan your_repo_host >> my_kopia_know_hosts

cat my_kopia_know_hosts  #put that in the data knowhost
```

Snapshot path:

you use :

```
   - /srv/Files:/data:ro
```

BACKUP:
When you want to backup stuff in /srv/Files/MyPictures
you must enter : `/data/MyPictures`

If you want to save all, you must enter `/data`

RESTORE:
So that's crazy, but you need to mount every subfolder.
Let's say you saved `/srv/Files/MyPictures` , you need to mount `/restoreMyPictures` like this:
`- /srv/Files/MyPictures:/restoreMyPictures` and put `/restoreMyPictures` as a restore destination.

Said differently :
You'll need to mount a RW path to the docker container to restore into - that maps someone on
your host/real FS
i.e. mount `/data/mytestbackup` as `/restore` then tell Kopia to restore to somewhere under `/restore/...`

OR

You can just RW /data like this:
`- /srv/Files:/data:rw`
BUT BEWARE, don't fuck up !!

Policies:

Default:
10
48
7
4
24
3
no

Good one:
1
1
7
4
12
1
no