

Install Fedora Core OS (FCOS)

create the ignite file

you do this by creating a butane config yaml and converting it to an ignite json using butane.

install butane on a fedora workstation

```
dnf install -y butane
```

create the butane config file

Create a yaml file with your config, mid the indentation. In this example only a group and a user with a specific uid is created (an exhaustive list of the options for butane config can be found [here](#)) i name this file *version1.bu*

```
version: 1.6.0
passwd:
  groups:
    - name: beheerders
      gid: 700
  users:
    - name: abel
      uid: 700
      primary_group: users
      groups:
        - beheerders
      ssh_authorized_keys:
        - ssh-ed25519 AAAAC3.....P abel@nergens
```

convert the butane file to an ignite file

Then with butane transform it to the ignite json: `butane --pretty --strict version1.bu > version1.ign`

the resulting json file *version1.ign* looks like:

```
{
  "ignition": {
    "version": "3.5.0"
  },
  "passwd": {
    "groups": [
      {
```

```
        "gid": 700,  
        "name": "beheerders"  
    },  
    ],  
    "users": [  
        {  
            "groups": [  
                "beheerders"  
            ],  
            "name": "abel",  
            "primaryGroup": "users",  
            "sshAuthorizedKeys": [  
                "ssh-ed25519 AAAAC3N.....P abel@nergens"  
            ],  
            "uid": 700  
        }  
    ]  
}
```

create an USB installation disk

download Fedora Core OS

Download the fedora coreos image from :

https://fedoraproject.org/coreos/download?stream=stable&arch=x86_64

and create a bootable installation medium USB stick using *dd* or *Rufus*

add the ignite file

copy the previously made ignite file to the USB dis you just made.

sources

<https://www.flatcar.org/docs/latest/provisioning/config-transpiler/configuration/>

<https://docs.fedoraproject.org/en-US/fedora-coreos/bare-metal/>

further reading:

<https://www.redhat.com/en/blog/red-hat-enterprise-linux-coreos-customization>

From:

<https://wiki.auriel.nl/> -

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https://wiki.auriel.nl/doku.php?id=installatie_handleidingen:fedora-coreos&rev=1756817253 

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