

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, mind the indentation. In this example only a group and a user with a specific uid is created, 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
  }
]
}
```

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/> -

Permanent link:
https://wiki.auriel.nl/doku.php?id=installatie_handleidingen:fedora-coreos&rev=1756816548

Last update: **2025/09/02 14:35**