

# pacemaker

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- - 
  - `/etc/hosts`
- 
- 
- - `apache2 pacemaker`
  - `postgresql pacemaker`



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- Astra Linux Special Edition .10015-01 ( 1.7) .10015-10, .10015-17
- Astra Linux Special Edition .10015-37 ( 7.7)
- Astra Linux Special Edition .10152-02 ( 4.7)
- Astra Linux Special Edition .10015-01 ( 1.6)
- Astra Linux Special Edition .10015-16 . 1 . 2
- Astra Linux Special Edition .10265-01 ( 8.1)
- Astra Linux Common Edition 2.12

- 192.168.23.0/24;
- () 192.168.23.1;
- , `DNS`, `/etc/hosts`.

:

- IP- 192.168.23.100.
- Astra Linux. , 1 2:

|     | 1              | 2              |
|-----|----------------|----------------|
|     | pcmk-1         | pcmk-2         |
| IP- | 192.168.23.101 | 192.168.23.102 |

. `Network Manager`, :

| 1                                                                                                                                                                                | 2                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP- 192.168.23.101:<br><pre>sudo nmcli c d path 1 sudo nmcli c m path 1 ip4 192.168.23.101/24 gw4 192.168.23.1 ipv4.dns 77.88.8.8 ipv4.method manual sudo nmcli c u path 1</pre> | IP- 192.168.23.102:<br><pre>sudo nmcli c d path 1 sudo nmcli c m path 1 ip4 192.168.23.102/24 gw4 192.168.23.1 ipv4.dns 77.88.8.8 ipv4.method manual sudo nmcli c u path 1</pre> |

IP- `DNS` ( `ipv4.dns`) (77.88.8.8), . . `Astra Linux`.

## /etc/hosts

`/etc/hosts`:

1. , 127.0.1.1.
2. IP- :

```
192.168.23.101 pcmk-1
192.168.23.102 pcmk-2
```

3. (127.0.0.1).

```
sudo sed -i '$a 192.168.23.101\tpcmk-1' /etc/hosts
sudo sed -i '$a 192.168.23.102\tpcmk-2' /etc/hosts
sudo sed -i 's/^127\.0\.0\.1\s.*/127.0.0.1\tlocalhost/' /etc/hosts
sudo sed -i '/^127\.0\.1\.1/d' /etc/hosts
```



1. Astra Linux Special Edition .10015-01 ( 1.7) [2022-1110SE17 \( 1.7.3\)](#) Astra Linux Special Edition .10015-01 ( 1.6) [20221220SE16 \( 1.2\)](#):

```
sudo apt install pacemaker pcs astra-resource-agents
```

astra-resource-agents , ().

2. , :

```
sudo apt install pacemaker pcs
```

hacluster :

```
sudo passwd hacluster
```

<>.



::

```
sudo pcs cluster destroy
```

( astracluster):

1. Astra Linux Special Edition x.7:

```
sudo pcs host auth pcmk-1 pcmk-2 -u hacluster -p <>
sudo pcs cluster setup astracluster pcmk-1 pcmk-2 --force
```

2. Astra Linux Special Edition x.7 Astra Linux Common Edition:

```
sudo pcs cluster auth pcmk-1 pcmk-2 -u hacluster -p <>
sudo pcs cluster setup --name astracluster pcmk-1 pcmk-2 --force
```

3. :

```
sudo pcs cluster start --all
```

4. , :

```
while ! sudo pcs status ; do sleep 1 ; done
```

5. STONITH.

 STONITH , .

STONITH (Shoot The Other Node In The Head) - , , , , , STONITH

:

```
sudo pcs property set stonith-enabled=false
```

 , 1.

:

```
sudo pcs status
```

, pcs status :

```
Online: [ pcmk-1 pcmk-2 ]
```

:

```
sudo crm_verify -L
```

, crm\_verify .

 / , , , . . . , :

```
sudo pcs cluster start
```

:

1. :

 , , , , .

```
sudo pcs resource op defaults timeout=240s
```

:

Error: Could not map name=... to a UUID

2. IP- 192.168.23.100 ClusterIP:

```
sudo pcs resource create ClusterIP ocf:heartbeat:IPaddr2 ip=192.168.23.100 cidr_netmask=32 op monitor interval=30s
```

 , op ( - op monitor interval=30s) .

 /, , :

```
sudo pcs cluster start
```

[apache2](#) [pacemaker](#)

[postgresql](#) [pacemaker](#)