# 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>`sudo nmcli c d path 1`<br>`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`<br>`sudo nmcli c u path 1` | IP- 192.168.23.102:<br>`sudo nmcli c d path 1`<br>`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`<br>`sudo nmcli c u path 1` |

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
```

.

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1. Astra Linux Special Edition .10015-01 ( 1.7) 2022-1110SE17 ( 1.7.3) Astra Linux Special Edition .10015-01 ( 1.6) 20221220SE16 ( 12):

   ```
   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