

ufw iptables,

- iptables,
- iptables,
- ufw



- Astra Linux Special Edition .10015-01 (1.7)
- Astra Linux Special Edition .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)
- [20200327SE16 \(5 \)](#)
- Astra Linux Special Edition .10015-16 . 1
[20201007SE16](#)

Astra Linux Special Edition .10015-10.

iptables,

Astra Linux Special Edition .10015-01 (1.6) 20200327SE16 (5) iptables, astralabel, "-maclev", "-maccat" (.).

$$\vdots$$

- iptables-astralabel-generic - generic;
- iptables-astralabel-hardened - hardened;
- iptables-astralabel-common - generic hardened ;

ufw .

. (synaptic) :

```
# generic
sudo apt install iptables-astrolabel-common iptables-astrolabel-`uname -r`

# hardened
sudo apt install iptables-astrolabel-common iptables-astrolabel-`uname -r`
```

generic hardened . . . :

```
apt policy iptables-astrolabel*
```

iptables,

```
iptables-astralabel    , iptables,      :
```

-m astralabel	astralabel	
--maclev <>[:<>]	, . "", , .	1 3-: sudo iptables -A INPUT -m astralabel --maclev 1:3 -j DROP
	, maclev, "!"	, : sudo iptables -A OUTPUT -m astralabel ! --maclev 0 -j DROP  , .

<code>--maccat <_></code>	<code>, .</code> <code>maccat, , ().</code>  .	<code>1 2:</code> <code>sudo iptables -A OUTPUT -m astralabel --maccat 1 --maccat 2 -j DROP</code>
	<code>maclev maccat .</code> <code>, .</code>	<code>1 2 3:</code> <code>sudo iptables -A INPUT -m astralabel --maclev 3 --maccat 1 --maccat 2 -j DROP</code>

 , ...

 `sudo iptables -A OUTPUT -m astralabel -j DROP`

`, (./ ).`

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ufw maclev maccat, iptables. , , iptables-astralabel-common iptables-astralabel-generic iptables-astralabel-hardened, .
HTTP (TCP- 80):

		iptables
<code>sudo ufw deny out 80/tcp mac</code>		<code>-A OUTPUT -p tcp --dport 80 -m astralabel -j DROP</code>
<code>sudo ufw deny out 80/tcp maclev 2</code>	<code>, 2</code>	<code>-A OUTPUT -p tcp --dport 80 -m astralabel --maclev 2 -j DROP</code>
<code>sudo ufw deny out 80/tcp maccat 3</code>	<code>, 3</code>	<code>-A OUTPUT -p tcp --dport 80 -m astralabel --maccat 3 -j DROP</code>

(out). , out, in.
ufw .