

# SYSLOG

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## logging aaa configuration

syslog- aaa.

(no) aaa.

[no] logging aaa configuration

.

.

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CONFIG

```
esr(config)# logging aaa configuration
```

## logging acl configuration

syslog- ACL.

(no) ACL.

[no] logging acl configuration

.

.

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CONFIG

```
esr(config)# logging acl configuration
```

## logging firewall configuration

syslog- .

(no) .

[no] logging firewall configuration

.

.

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CONFIG

```
esr(config)# logging firewall configuration
```

## logging login on-failure

syslog- CLI.

(no) .

[no] logging login on-failure

.

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CONFIG

```
esr(config)# logging login on-failure
```

## logging nat

syslog- NAT.

(no) NAT.

[no] logging nat [<NAT-TYPE>]

<NAT-TYPE> – NAT :

- destination;
- proxy;
- source;

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CONFIG

```
esr(config)# logging nat source
```

## logging service start-stop

syslog- .

(no) .

[no] logging service start-stop

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CONFIG

```
esr(config)# logging service start-stop
```

## logging syslog configuration

syslog- syslog-.

(no) syslog-.

[no] logging syslog configuration

.

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CONFIG

```
esr(config)# logging syslog configuration
```

## logging userinfo

syslog- user-profile.

(no) user-profile.

[no] logging userinfo

.

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CONFIG

```
esr(config)# logging userinfo
```

## match process-name

syslog- syslog- .

(no) .

```
match [not] process-name <PROCESS-NAME>
no match process-name { <PROCESS-NAME> | all }
```

<PROCESS-NAME> – , syslog- syslog- . :

- aaa-mgr
- alarm-mgr
- avahi
- cfgsync-mgr
- cli
- cp-mgr
- device-mgr
- dhcp-client
- dhcp-proxy
- dhcp-server
- dns
- e1d
- env-mgr
- esrfs
- file-mgr
- firewall-failover
- firewall
- haveged
- if-mgr
- if-mgr-ng
- ipc-hub
- ipc-mgr
- ips
- ips-storage-mgr
- ipsec
- key-safed
- l2tpclient
- lb
- lic-mgr
- lldpd
- modem-cfgmgr
- modem-mgr
- multiwan
- nhrp
- ntp
- oi-mgr
- openvpn
- pppoe
- pptp
- prober
- rexd
- routing
- service-mgr
- session-mgr
- sflowd
- sla-mgr
- snmp-server
- ssh-server
- switch
- syslog-mgr
- systemdb
- telnet-server
- vrrp
- zabbix-agent
- zabbix-proxy
- others

all – .

/ .

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CONFIG-SYSLOG-FILE

CONFIG-SYSLOG-HOST

```
esr(config-syslog-file)# match not process-name dhcp-client
```

## ntp logging

syslog- NTP-.

(no) NTP-.

[no] ntp logging

.

.

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CONFIG

```
esr(config)# ntp logging
```

## port

TCP/UDP-, syslog-.

(no) .

port <PORT>

no port

<PORT> – TCP/UDP-, syslog-.

514

## CONFIG-SYSLOG-HOST

```
esr(config-syslog-host)# port 5014
```

**remote-address**

IPv4/IPv6- syslog-.

(no) IPv4/IPv6- syslog-.

```
remote-address { <ADDR> | <IPv6-ADDR> }
no remote-address
```

<ADDR> – IP-, AAA.BBB.CCC.DDD, [0..255];

<IPv6-ADDR> – IPv6-, X:X:X:X::X, [0..FFFF].

.

## CONFIG-SYSLOG-HOST

```
esr(config-syslog-host)# remote-address 192.168.0.100
```

**severity**

, syslog- syslog-.

(no) .

```
severity <SEVERITY>
no severity
```

<SEVERITY> – , syslog console.

.

CONFIG-SYSLOG-FILE

CONFIG-SYSLOG-HOST

```
esr(config-syslog-file)# severity info
```

## source-address

IPv4/IPv6-, syslog-.

(no) .

```
source-address { <ADDR> | <IPV6-ADDR> }
```

```
no source-address
```

<ADDR> – IP-, AAA.BBB.CCC.DDD, [0..255];

<IPV6-ADDR> – IPv6-, X:X:X:X::X, [0..FFFF].

IPv4/IPv6-, syslog-.

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CONFIG-SYSLOG-HOST

```
esr(config-syslog-host)# source-address 192.168.54.157
```

## show syslog

syslog-, log-, log- .

```
show syslog <FILE> [ from-date <YEAR> <MONTH> <DAY> ] [ from-time <TIME> ] [ to-date <YEAR> <MONTH> <DAY> ] [ to-time <TIME> ] [ from-end ]
```

<FILE> – , 31;

from-date – ;

from-time – ;

to-date – ;

to-time – ;

<YEAR> – , [2001..2037].

<MONTH> – , [ January/February/March/April/May/June/July/August/September/October/November/December ];

<DAY> – , [1..31];

<TIME> – , HH MM SS, :



- HH – , [0..23];
- MM – , [0..59];
- SS – , [0..59].

from-end – , ;

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ROOT

```
esr# show syslog
  Log files
  ~~~~~
##      Name                Size in bytes      Date of last modification
----  -
1      debug                371681           Thu Jan  1 16:17:04 1970
2      debug.1              524222           Thu Jan  1 01:48:13 1970
3      esr                   97259            Thu Jan  1 16:17:01 1970
----  -
Total files: 4
esr# show syslog configuration
SYSLOG
File size: 512 (kiB)
Number of logs: 3
Console: info
  Files:
  ~~~~~
ID   Name                Severity
--  -
0    esr                  info
```

show syslog configuration

syslog-.

show syslog configuration

.

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ROOT

```
esr# show syslog configuration

SYSLOG

File size: 500 (kiB)
Number of logs: 1
Console: info
Monitor: info
```

## syslog cli-commands

syslog-.

(no) .

```
[no] syslog cli-commands
```

.

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CONFIG

```
esr(config)# syslog cli-commands
```

## syslog console

syslog- , , , .

(no) .

```
syslog console <SEVERITY>
```

```
no syslog console
```

<SEVERITY>- , ( ):

- emerg - , ;
- alert - , ;
- crit - , ;
- error - ;
- warning - , ;
- notice - ;
- info - ;
- debug - , ;
- none - syslog- .

info

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CONFIG


```
esr(config)# syslog console info
```

## syslog file

```
syslog      syslog-.
(no) syslog .
```

```
syslog file { flash:syslog/<NAME> | tmpsys:syslog/<NAME> }
no syslog file { flash:syslog/<NAME> | tmpsys:syslog/<NAME> | all}
```

```
flash - ;
tmpsys - ;
<NAME> - , , 31 . «all» syslog;
```

 ESR-1x tmpsys 50 , - 100 .  
 , , .

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CONFIG

```
esr(config)# syslog file esr info
```

## syslog file-size

```
. .
(no) .
```

```
syslog file-size <SIZE>
no syslog file-size
```

<SIZE> - , [10..10000000] .

500

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CONFIG

```
esr(config)# syslog file-size 10000
```

## syslog host

syslog syslog- syslog-  
(no) syslog syslog-.

syslog host <HOSTNAME>  
no syslog host { <HOSTNAME> | all }

<HOSTNAME> – syslog, 31 . . «all» **no syslog host all** syslog-;

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CONFIG

```
esr(config)# syslog host eltex 192.168.2.2
```

## syslog max-files

, .  
(no) .

syslog max-files <NUM>  
no syslog max-files

<NUM> – , [1 .. 1000].

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CONFIG

```
esr(config)# syslog max-files 100
```

## syslog monitor

syslog-, (Telnet, SSH). , , .  
(no) .

syslog monitor <SEVERITY>  
no syslog monitor

<SEVERITY> – , [syslog console](#).

info

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CONFIG

```
esr(config)# syslog monitor info
```

## syslog reload debugging

debugging    syslog-.

(no) .

[no] syslog reload debugging

.

.

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CONFIG

```
esr(config)# syslog reload debugging
```

## syslog sequence-numbers

syslog-.

(no) .

[no] syslog sequence-numbers

.

.

## CONFIG

```
esr(config)# syslog sequence-numbers
```

**syslog snmp**

syslog- snmp- snmp-trap. , , .

(no) .

```
syslog snmp <SEVERITY>
```

```
no syslog snmp
```

<SEVERITY>- , [syslog console](#).

info

## CONFIG

```
esr(config)# syslog snmp info
```

**syslog timestamp msec**

ESR-100/200/1000/1200/1500/1511/1700/3100.

syslog-.

(no) .

```
[no] syslog timestamp msec
```

.

.

## CONFIG

```
esr(config)# syslog timestamp msec
```

## syslog sip-level

sip-.

(no) .

```
[no] syslog sip-level <LEVEL>
```

<LEVEL> – sip-, syslog. [0..9].

0

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## CONFIG

```
esr(config)# syslog sip-level 8
```

## transport

syslog-.

(no) .

```
transport { tcp | udp }
```

```
no transport
```

.

udp

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## CONFIG-SYSLOG-HOST

```
esr(config-syslog-host)# transport tcp
```

## **vrf**

VRF, syslog-.

(no) .

vrf <VRF>

no vrf

<VRF>- VRF, syslog-, 31;

:

( ).

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CONFIG-SYSLOG-HOST

```
esr(config-syslog-host)# vrf MGMT
```