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archive

.

(no) .

[no] archive

.

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CONFIG

:

```
esr(config)# archive
esr(config-archive)#
```

auto

/ ([time-period](#)).

(no) .

[no] auto

.

15

CONFIG-ARCHIVE

:

```
esr(config-archive)# auto
```

boot system

, .

boot system <IMAGE>

<IMAGE> - , :

- image-1 - ;
- image-2 - .

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ROOT

:

```
esr# boot system image-2
```

by-commit

.

(no) .

[no] by-commit

.

15

CONFIG-ARCHIVE

:

```
esr(config-archive)# by-commit
```

commit

() . RUNNING- CANDIDATE. , «confirm» , (600 , system config-confirm timeout).

commit

.

10

ROOT

CHANGE-EXPIRED-PASSWORD

:

```
esr# commit
```

.

confirm

. (600 , system config-confirm timeout) «commit» , . .

confirm

.

10

ROOT

CHANGE-EXPIRED-PASSWORD

:

```
esr# confirm
```

.

copy

.

copy <SOURCE> <DESTINATION>

<SOURCE> -, :

- `tftp://<ip>[<port>]/<path>` – TFTP-, :
 - `<ip>` – IP- TFTP-;
 - `<port>` – , TFTP-, IP- «#» «:»;
 - `<path>` – TFTP-.
- `tftp://<ipv6>[%<interface>][<port>]/<path>` – TFTP-, :
 - `<ipv6>` – IPv6- TFTP-;
 - `<interface>` – link-local ;
 - `<port>` – , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - `<path>` – TFTP-.
- `ftp://<user>[:<password>]@<ip>[<port>]/<path>`
 - `<ip>` – IP- FTP-;
 - `<user>` – (*ip ftp client username*, *ip ftp client username*);
 - `<password>` – (*ip ftp client password*, *ip ftp client password*);
 - `<port>` – , FTP-, IP- «#» «:»;
 - `<path>` – FTP-.
- `ftp://<user>[:<password>]@<ipv6>[%<interface>][<port>]/<path>`
 - `<ipv6>` – IPv6- FTP-;
 - `<interface>` – link-local ;
 - `<user>` – (*ip ftp client username*, *ip ftp client username*);
 - `<password>` – (*ip ftp client password*, *ip ftp client password*);
 - `<port>` – , FTP-, IPv6- '#' ':' (IPv6- «[]»);
 - `<path>` – FTP-.
- `sftp://<user>[:<password>]@<ip>[<port>]/<path>`
 - `<ip>` – IP- FTP-;
 - `<user>` – (*ip sftp client username*, *ip sftp client username*);
 - `<password>` – (*ip sftp client password*, *ip sftp client password*);
 - `<port>` – , SFTP-, IP- «#» «:»;
 - `<path>` – FTP-.
- `sftp://<user>[:<password>]@<ipv6>[%<interface>][<port>]/<path>`
 - `<ipv6>` – IPv6- FTP-;
 - `<interface>` – link-local ;
 - `<user>` – (*ip sftp client username*, *ip sftp client username*);
 - `<password>` – (*ip sftp client password*, *ip sftp client password*);
 - `<port>` – , SFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - `<path>` – FTP-.
- `scp://<user>[:<password>]@<ip>[<port>]/<path>`
 - `<ip>` – IP- ;
 - `<user>` – (*ip ssh client username*, *ip ssh client username*);
 - `<password>` – (*ip ssh client password*, *ip ssh client password*);
 - `<port>` – , SCP-, IP- «#» «:»;
 - `<path>` – .
- `scp://<user>[:<password>]@<ipv6>[%<interface>][<port>]/<path>`
 - `<ipv6>` – IPv6- ;
 - `<interface>` – link-local ;
 - `<user>` – (*ip ssh client username*, *ip ssh client username*);
 - `<password>` – (*ip ssh client password*, *ip ssh client password*);
 - `<port>` – , SCP-, IPv6- '#' ':' (IPv6- «[]»);
 - `<path>` – .
- `http://<ip>[<port>]/<path>` – HTTP-, :
 - `<ip>` – IP- HTTP-;
 - `<port>` – , HTTP-, IP- «#» «:»;
 - `<path>` – HTTP-.
- `http://<ipv6>[%<interface>][<port>]/<path>` – HTTP-, :
 - `<ipv6>` – IPv6- HTTP-;
 - `<interface>` – link-local ;
 - `<port>` – , HTTP-, IPv6- '#' ':' (IPv6- «[]»);
 - `<path>` – HTTP-.
- `https://[ca/<CA-FILE>][:server-key/<SK-FILE>]@<ip>[<port>]/<path>` – HTTPS-, :
 - `<CA-FILE>` – ;
 - `<SC-FILE>` – ;
 - `<SK-FILE>` – ;
 - `<ip>` – IP- HTTP-;
 - `<port>` – , HTTPS-, IP- «#» «:»;
 - `<path>` – HTTPS-.
- `https://[ca/<CA-FILE>][:server-key/<SK-FILE>]@<ipv6>[%<interface>][<port>]/<path>` – HTTPS-, :
 - `<CA-FILE>` – ;
 - `<SC-FILE>` – ;
 - `<SK-FILE>` – ;
 - `<ipv6>` – IPv6- HTTPS-;
 - `<interface>` – link-local ;
 - `<port>` – , HTTPS-, IPv6- '#' ':' (IPv6- «[]»);
 - `<path>` – HTTPS-.
- `usb://usb_name:/PATH`
 - `usb_name` – USB-. "show storage-devices" ([show storage-devices](#));
 - `<path>` – USB-.
- `mmc://mmc_name:/PATH` (ESR-10/12V/12VF/14VF)
 - `mmc_name` – MMC-. "show storage-devices" ([show storage-devices](#));
 - `<path>` – MMC-.
- `system:factory-config` – ;

- system:default-config – ();
- system:running-config – ;
- system:candidate-config – , «commit»;
- system:firmware – . ;
- system:boot-1 – (SBI, bl1, x-loader).
- system:boot-2 – (u-boot, boot).
- flash:critlog/<filename> – ;
- flash:syslog/<filename> – , ;
- tmpsys:syslog/<filename> – , ;
- flash:backup/<filename> – ;
- flash:data/<filename> – .

<DESTINATION> – , :

- tftp://<ip>[<port>]:/<path> – TFTP-, :
 - <ip> – IP- TFTP-;
 - <port> – , TFTP-, IP- «#» «:»;
 - <path> – TFTP-.
- tftp://<ipv6>[%<interface>][<port>]:/<path> – TFTP-, :
 - <ipv6> – IPv6- TFTP-;
 - <interface> – link-local ;
 - <port> – , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path> – TFTP-.
- ftp://[<user>[:<password>]@]<ip>[<port>]:/<path>
 - <ip> – IP- FTP-;
 - <user> – (ip ftp client username, ip ftp client username);
 - <password> – (ip ftp client password, ip ftp client password);
 - <port> – , FTP-, IP- «#» «:»;
 - <path> – FTP-.
- ftp://[<user>[:<password>]@]<ipv6>[%<interface>][<port>]:/<path>
 - <ipv6> – IPv6- FTP-;
 - <interface> – link-local ;
 - <user> – (ip ftp client username, ip ftp client username);
 - <password> – (ip ftp client password, ip ftp client password);
 - <port> – , FTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path> – FTP-.
- sftp://[<user>[:<password>]@]<ip>[<port>]:/<path>
 - <ip> – IP- FTP-;
 - <user> – (ip sftp client username, ip sftp client username);
 - <password> – (ip sftp client password, ip sftp client password);
 - <port> – , SFTP-, IP- «#» «:»;
 - <path> – SFTP-.
- sftp://[<user>[:<password>]@]<ipv6>[%<interface>][<port>]:/<path>
 - <ipv6> – IPv6- FTP-;
 - <interface> – link-local ;
 - <user> – (ip sftp client username, ip sftp client username);
 - <password> – (ip sftp client password, ip sftp client password);
 - <port> – , SFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path> – SFTP-.
- scp://[<user>[:<password>]@]<ip>[<port>]:/<path>
 - <ip> – IP- ;
 - <user> – (ip ssh client username, ip ssh client username);
 - <password> – (ip ssh client password, ip ssh client password);
 - <port> – , SCP-, IP- «#» «:»;
 - <path> – SCP-.
- scp://[<user>[:<password>]@]<ipv6>[%<interface>][<port>]:/<path>
 - <ipv6> – IPv6- ;
 - <interface> – link-local ;
 - <user> – (ip ssh client username, ip ssh client username);
 - <password> – (ip ssh client password, ip ssh client password);
 - <port> – , SCP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path> – SCP-.
- usb://usb_name:/PATH
 - usb_name – USB-. "show storage-devices" (. [show storage-devices](#));
 - <path> – USB-.
- mmc://mmc_name:/PATH (ESR-10/12V/12VF/14VF)
 - mmc_name – MMC-. "show storage-devices" (. [show storage-devices](#));
 - <path> – MMC-.
- system:candidate-config – , «commit»;
- system:licence – ;
- system:boot-licence – , ;
- system:firmware – . ;
- system:boot2 – (u-boot, x-loader);
- certificate:ca/ – ;
- certificate:dh/ – -;
- certificate:ta/ – -;
- certificate:server_key/ – ;
- certificate:server_crt/ – ;
- certificate:client-key/ – ;
- certificate:client-crt/ – ;

- certificate:crl/ – ;
- flash:data/ – .

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ROOT

1

```
esr# copy tftp://10.100.100.1/esr.cfg candidate-config
```

2

```
esr# copy tftp://10.100.100.1/crl.pem certificate:crl/crl.pem
```

count-backup

.

(no) .

count-backup <NUM>

no count-backup

<NUM> – . [1..100].

1

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CONFIG-ARCHIVE

:

```
esr(config-archive)# count-backup 20
```

delete

, , ,

delete <FILE>

<FILE> – , ():

- flash:backup/ – ;
- flash:critlog/ – ;
- flash:data/ – ;
- flash:syslog/ – , ;
- tmpsys:syslog/ – , ;

- certificate:ca/ - ;
- certificate:dh/ - -;
- certificate:ta/ - -;
- certificate:server_key/ - ;
- certificate:server_crt/ - ;
- certificate:client-key/ - ;
- certificate:client-crt/ - ;
- certificate:crl/ - ;
- system:licence - , ;
- system:boot-licence - , ;
- usb://usb_name/
 - usb_name - USB-. "show storage-devices" (. [show storage-devices](#));
 - <FILE> - USB-.
- mmc://mmc_name:<FILE> (ESR-10/12V/12VF/14VF)
 - mmc_name - MMC-. "show storage-devices" (. [show storage-devices](#));
 - <FILE> - MMC-.

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ROOT

:

```
esr# delete certificate:dh/dh.key
```

dir

(USB/MM) .

```
dir <PATH>
{ usb://<USB-device-name>/<PATH> | mmc://<MMC-device-name>/<PATH> | flash:backup/ | flash:data/ }
```

<PATH> - . :

- flash:critlog/ - ;
- flash:syslog/ - , ;
- flash:backup/ - ;
- flash:data/ - ;
- tmpsys:syslog/ - , ;
- certificate:ca/ - ;
- certificate:dh/ - -;
- certificate:ta/ - -;
- certificate:server_key/ - ;
- certificate:server_crt/ - ;
- certificate:client-key/ - ;
- certificate:client-crt/ - ;
- certificate:crl/ - ;
- usb://usb_name:/PATH
 - usb_name - USB-. "show storage-devices" (. [show storage-devices](#));
 - <PATH> - USB-.
- mmc://mmc_name:/PATH (ESR-10/12V/12VF/14VF)
 - mmc_name - MMC-. "show storage-devices" (. [show storage-devices](#));
 - <PATH> - MMC-.

<USB-device-name> - USB-. show storage-devices usb, [show storage-devices](#).

<MMC-device-name> - MMC-. show storage-devices mmc, [show storage-devices](#).

- flash:backup/ - ;
- flash:data/ - ;

<PATH> - USB/MMC-.

flash:backup/ - ;

flash:data/ - ;

ROOT

:

```
esr# dir mmc://EF28-D074
Name                                     Type      Size      --
-----
esr1000-1.4.0-build21.uboot             File       0.00      B
.Trash-1000                             Directory  0.00      B
```

merge

c candidate-config.

merge <SOURCE> system:candidate-config

<SOURCE>- , :

- ftp://<ip>[<port>]:/<path>- TFTP-, :
 - <ip>- IP- TFTP-;
 - <port>- , TFTP-, IP- «#» «:»;
 - <path>- TFTP-.
- ftp://<ipv6>[%<interface>][<port>]:/<path>- TFTP-, :
 - <ipv6>- IPv6- TFTP-;
 - <interface>- link-local ;
 - <port>- , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path>- TFTP-.
- ftp://<user>[:<password>]@<ip>[<port>]:/<path>-
 - <ip>- IP- FTP-;
 - <user>- (ip ftp client username, ip ftp client username);
 - <password>- (ip ftp client password, ip ftp client password);
 - <port>- , TFTP-, IP- «#» «:»;
 - <path>- FTP-.
- ftp://<user>[:<password>]@<ipv6>[%<interface>][<port>]:/<path>-
 - <ipv6>- IPv6- FTP-;
 - <interface>- link-local ;
 - <user>- (ip ftp client username, ip ftp client username);
 - <password>- (ip ftp client password, ip ftp client username);
 - <port>- , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path>- FTP-.
- sftp://<user>[:<password>]@<ip>[<port>]:/<path>-
 - <ip>- IP- FTP-;
 - <user>- (ip sftp client username, ip sftp client username);
 - <password>- (ip sftp client password, ip sftp client password);
 - <port>- , TFTP-, IP- «#» «:»;
 - <path>- FTP-.
- sftp://<user>[:<password>]@<ipv6>[%<interface>][<port>]:/<path>-
 - <ipv6>- IPv6- FTP-;
 - <interface>- link-local ;
 - <user>- (ip sftp client username, ip sftp client username);
 - <password>- (ip sftp client password, ip sftp client password);
 - <port>- , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path>- FTP-.
- scp://<user>[:<password>]@<ip>[<port>]:/<path>-
 - <ip>- IP- ;
 - <user>- (ip ssh client username, ip ssh client username);
 - <password>- (ip ssh client password, ip ssh client password);
 - <port>- , TFTP-, IP- «#» «:»;
 - <path>- .
- scp://<user>[:<password>]@<ipv6>[%<interface>][<port>]:/<path>-
 - <ipv6>- IPv6- ;
 - <interface>- link-local ;
 - <user>- (ip ssh client username, ip ssh client username);
 - <password>- (ip ssh client password, ip ssh client password);

- <port> – , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
- <path> – .
- http://<ip>[<port>]:/<path> – HTTP-, :
 - <ip> – IP- HTTP-;
 - <port> – , HTTP-, IP- «#» «:»;
 - <path> – HTTP-.
- http://<ipv6>[%<interface>][<port>]:/<path> – HTTP-, :
 - <ipv6> – IPv6- HTTP-;
 - <interface> – link-local ;
 - <port> – , HTTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path> – TFTP-.
- https://[ca/<CA-FILE>][:server-crt/<SC-FILE>][:server-key/<SK-FILE>]@<ip>[<port>]:/<path> – HTTPS-, :
 - <CA-FILE> – ;
 - <SC-FILE> – ;
 - <SK-FILE> – ;
 - <ip> – IP- HTTP-;
 - <port> – , HTTPS-, IP- «#» «:»;
 - <path> – HTTP-.
- https://[ca/<CA-FILE>][:server-crt/<SC-FILE>][:server-key/<SK-FILE>]@<ipv6>[%<interface>][<port>]:/<path> – HTTPS-, :
 - <CA-FILE> – ;
 - <SC-FILE> – ;
 - <SK-FILE> – ;
 - <ipv6> – IPv6- HTTPS-;
 - <interface> – link-local ;
 - <port> – , HTTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path> – TFTP-.
- flash:data/ – .

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ROOT

```
esr# merge tftp://10.100.100.1/esr.cfg system:candidate-config
```

path

, , . –

(no) .

path <PATH>

no path

<PATH> – tftp/ftp/sftp/scp :

- tftp://<ip>[<port>]:/<path> – TFTP-, :
 - <ip> – IP- TFTP-;
 - <port> – , TFTP-, IP- «#» «:»;
 - <path> – TFTP-.
- tftp://<ipv6>[%<interface>][<port>]:/<path> – TFTP-, :
 - <ipv6> – IPv6- TFTP-;
 - <interface> – link-local ;
 - <port> – , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path> – TFTP-.
- ftp://[<user>[:<password>]@]<ip>[<port>]:/<path>
 - <ip> – IP- FTP-;
 - <user> – (*ip ftp client username*, *ip ftp client username*);
 - <password> – (*ip ftp client password*, *ip ftp client password*);
 - <port> – , TFTP-, IP- «#» «:»;
 - <path> – FTP-.
- ftp://[<user>[:<password>]@]<ipv6>[%<interface>][<port>]:/<path>
 - <ipv6> – IPv6- FTP-;
 - <interface> – link-local ;

- <user> – (*ip ftp client username*, *ip ftp client username*);
- <password> – (*ip ftp client password*, *ip ftp client username*);
- <port> – , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
- <path> – FTP-.
- sftp://[<user>[:<password>]@]<ip>[:<port>]:/<path>
 - <ip> – IP- FTP-;
 - <user> – (*ip sftp client username*, *ip sftp client username*);
 - <password> – (*ip sftp client password*, *ip sftp client password*);
 - <port> – , TFTP-, IP- «#» «:»;
 - <path> – FTP-.
- sftp://[<user>[:<password>]@]<ipv6>[%<interface>][<port>]:/<path>
 - <ipv6> – IPv6- FTP-;
 - <interface> – link-local ;
 - <user> – (*ip sftp client username*, *ip sftp client username*);
 - <password> – (*ip sftp client password*, *ip sftp client password*);
 - <port> – , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path> – FTP-.
- scp://[<user>[:<password>]@]<ip>[:<port>]:/<path>
 - <ip> – IP- ;
 - <user> – (*ip ssh client username*, *ip ssh client username*);
 - <password> – (*ip ssh client password*, *ip ssh client password*);
 - <port> – , TFTP-, IP- «#» «:»;
 - <path> – .
- scp://[<user>[:<password>]@]<ipv6>[%<interface>][<port>]:/<path>
 - <ipv6> – IPv6- ;
 - <interface> – link-local ;
 - <user> – (*ip ssh client username*, *ip ssh client username*);
 - <password> – (*ip ssh client password*, *ip ssh client password*);
 - <port> – , TFTP-, IPv6- '#' ':' (IPv6- «[]»);
 - <path> – .

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CONFIG-ARCHIVE

:

```
esr(config-archive)# path tftp://10.10.10.1:/esr-1000/config
```

restore

, . . «confirm». «restore» .

restore

.

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ROOT

:

```
esr# restore
```

.

rollback

. CANDIDATE . «commit».

.

rollback

.

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ROOT

:

```
esr# rollback
```

.

save

CANDIDATE .

save

.

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ROOT

:

```
esr# save
```

Flash- .

show bootvar

, .

show bootvar

.

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ROOT

:

esr# show bootvar				
Image	Version	Date	Status	After reboot
-----	-----	-----	-----	-----
1	1.0.7 build 119[5cd22b8]	date 22/12/2015 time 18:00:47	Not Active	
2	1.0.7 build 119[5cd22b8]	date 22/12/2015 time 18:00:47	Active	*

show boot-licence

.

show boot-licence

.

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ROOT

:

esr# show boot-licence	
Licence information	

Name:	Eltex
Version:	1.0
Type:	ESR-1000
S/N:	NP01000530
MAC:	A8:F9:4B:AA:44:BB
Features:	
KSS - Kaspersky Security System	

show candidate-config

, («commit»).

show candidate-config [<SECTION>]

<SECTION> – :

- aaa – , ;
- access-list – ;
- bridges – ;
 - [<NUM>] – .
- channel-group – ;
- clock – NTP-;
- dhcp – DHCP-, Relay-;
- content-provider – ;

- dual-homing – Dual Homing ¹;
- extended – ;
- hostname – ;
- interfaces [<IF>] – :
 - <IF> – , , .
- ip-address – IP-;
- ipv6 [<SUBSECTION>] – IPv6:
 - address – IPv6-;
 - dhcp [<SUBSECTION>] – IPv6 DHCP-:
 - client – IPv6 DHCP-;
 - relay – IPv6 DHCP Relay-;
 - server – IPv6 DHCP-.
 - routing [<SUBSECTION>] – IPv6-:
 - bfd – IPv6 BFD;
 - bgp – IPv6 BGP;
 - ospf – OSPFv3;
 - prefix-lists – IPv6 -;
 - static – .
 - vrrp – IPv6 VRRP-.
- dialplan – ;
- lldp – LLDP;
- mac-address-table – MAC- ¹;
- mdns – mDNS;
- mirroring – ¹;
- mpls – MPLS;
- mdns – mDNS;
- multiwan – WAN-;
- nat [<SUBSECTION>] – NAT:
 - source – Source NAT;
 - destination – Destination NAT;
 - alg – NAT.
- netflow – Netflow ;
- object-groups [<TYPE> [<NAME>]] – ;
 - <TYPE> – , :
 - network;
 - address-port;
 - application;
 - mac;
 - service;
 - url.
 - <NAME> – .
- port-security – Port Security ¹;
- qos – QoS;
- remote-access [<SUBSECTION>] – L2TP over IPsec PPTP-;
 - l2tp – L2TP over IPsec-;
 - pptp – PPTP-;
 - openvpn – OpenVPN-;
- remote-client – (SSH, Telnet, etc.);
- rmon – RMON;
- routing [<SUBSECTION>] – :
 - bfd – BFD;
 - bgp – BGP;
 - isis – IS-IS;
 - key-chains – ;
 - ospf – OSPF;
 - prefix-list – -;
 - rip – RIP;
 - route-maps –
 - [<RM-NAME>] – .
 - static – ;
 - tracking – Tracking-.
- security [<SUBSECTION>] – IPsec VPN Firewall;
 - ike – IKE;
 - ipsec – IPsec
 - zone – Firewall;
 - zone-pair – Firewall;
- sip – SIP;
 - profile – SIP-;
 - service – SIP-;
- sflow – sFlow ;
- snmp – SNMP-;
- spanning-tree – Spanning Tree ¹;
- sla – IP SLA
- system – ;
- syslog – Syslog;
- tunnels [<TYPE> [<NUM>]] – :
 - <TYPE> – , :
 - gre – GRE-;
 - ip4ip4 – IPv4 over IPv4-;

- l2tp – L2TP-;
- l2tpv3 – L2TPv3-;
- lt – ;
- softgre – SoftGRE-¹;
- vti – VTI-;
- pptp – PPTP-;
- pppoe – PPPoE-;
- l2tp – L2TP-;
- openvpn – OPENVPN-;
- <NUM> – .
- vlags – VLAN;
- voice – ;
- vrf – VRF;
- vrrp – VRRP-;
- wisla – wiSLA;
- wireless-controller – Wi-Fi;
- zabbix – Zabbix .

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ROOT

:

```
esr# show candidate-config
ntp enable
ntp broadcast-client enable
syslog max-files 3
syslog file-size 512
syslog file default info
vlan 2
exit
security zone trusted
exit
security zone untrusted
exit
object-group service telnet
  port-range 23
exit
object-group service ssh
  port-range 22
exit
object-group service dhcp_server
  port-range 67
exit
More? Enter - next line; Space - next page; Q - quit; R - show the rest.
```

show configuration changes

.

show configuration changes [<CONFIG> < CONFIG>]

<CONFIG> – . :

- candidate-config;
- running-config;
- factory-config;
- default-config;
- flash:backup/<file-name>.

<CONFIG> running-config candidate-config.

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ROOT

:

```
esr(config-)# show configuration changes
+ interface gigabitethernet 1/0/1.100
+   ip firewall disable
+   ip address 10.54.22.1/24
+ exit
```

show crypto certificates

.

show crypto certificates [<CERTIFICATE-TYPE>]

<CERTIFICATE-TYPE> - , :

- ca - ;
- crl - ;
- dh - ;
- server-crt - ;
- server-key - ;
- client-crt - ;
- client-key - ;
- ta - HMAC-.

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ROOT

:

```
esr# show crypto certificates
Type          Total
-----
ca             3
dh             1
server key     2
server crt     1
ta             1
crl            1
```

show licence

.

show licence

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ROOT

:

```
esr# show licence
Licence information
-----
Name: X-Telecom
Version: 1.0
Type: ESR-1000
S/N: NP01000046
MAC: A8:F9:4B:AA:03:20
Features:
  DHCP - Dynamic Host Configuration Protocol
  IDS - Empty description
  SWUTIL - View interface's utilization
```

show running-config

:

show running-config [<SECTION>]

<SECTION> – , [show candidate-config](#).

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ROOT

:

```
esr# show running-config syslog
syslog max-files 3
syslog file-size 512
syslog file default info
syslog console info
```

show storage-devices

(USB/MMC).

show storage-devices { usb | mmc }

usb – USB- .

mmc – SD/MMC .

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ROOT

:

esr# show storage-devices mmc

Name	Total, MB	Used, MB	Free, MB
-----	-----	-----	-----
EF28-D074	99.79	72.64	27.15

show version

.

show version

.

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ROOT

:

esr# show version

Boot version:
1.0.7.16 (date 18/11/2015 time 13:40:59)
SW version:
1.0.7 build 17[d9bdbda] (date 21/11/2015 time 18:06:41)
HW version:
lv7

time-period

,

(no) .

time-period <TIME>

no time-period

<TIME> – , [1..35791394].

CONFIG-ARCHIVE

:

```
esr(config-archive)# time-period 1440
```

type

.

(no) .

type <TYPE>

no type

<TYPE>- . :

- local - flash:backup/ "config_YYYYMMDD_HHMMSS;" :
 - YYYY -, ;
 - MM -, ;
 - DD -, ;
 - HH -, ;
 - MM -, ;
 - SS -, .
- remote - ;
- both - flash:backup .

remote

CONFIG-ARCHIVE

:

```
esr(config-archive)# type both
```