

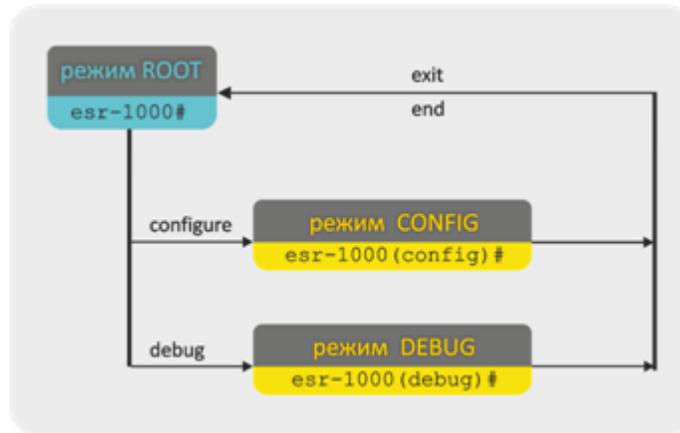
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ESR ().

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(ROOT)		esr> esr#	exit end
(CONFIG)	configure	esr(config)#	
(DEBUG)	debug	esr(debug)#	



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(ROOT):

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(ROOT) :

- (CONFIG);

- (DEBUG).

ESR CONFIG. (ROOT).

(ROOT) :

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esr> enable
esr# configure
esr(config)#

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ESR :

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- QoS;
- Spanning Tree;
- VLAN;
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<b>(CONFIG)</b>	<b>configure</b>	esr(config)#	ROOT
GigabitEthernet <b>(CONFIG-GI)</b>	<b>interface gigabitethernet &lt;PORT&gt;</b>	esr(config-if-gi)#	CONFIG
TengigabitEthernet <b>(CONFIG-TE)</b>	<b>interface tengigabitethernet &lt;PORT&gt;</b>	esr(config-if-te)#	CONFIG
<b>(CONFIG-PORT-CHANNEL)</b>	<b>interface port-channel &lt;CH&gt;</b>	esr(config-port-channel)#	CONFIG
<b>(CONFIG-SUBIF)</b>	<b>interface gigabitethernet &lt;PORT&gt;. &lt;VLAN&gt;</b> <b>interface tengigabitethernet &lt;PORT&gt;. &lt;VLAN&gt;</b> <b>interface port-channel &lt;CH&gt;.&lt;VLAN&gt;</b>	esr(config-subif)#	CONFIG
<b>(CONFIG-QINQ-IF)</b>	<b>interface gigabitethernet &lt;PORT&gt;. &lt;VLAN&gt;.&lt;VLAN&gt;</b> <b>interface tengigabitethernet &lt;PORT&gt;. &lt;VLAN&gt;.&lt;VLAN&gt;</b> <b>interface port-channel &lt;CH&gt;.&lt;VLAN&gt;. &lt;VLAN&gt;</b>	esr(config-qinq-if)#	CONFIG
<b>(CONFIG-SERIAL)</b>	<b>interface serial &lt;PORT&gt;</b>	esr(config-serial)#	CONFIG
<b>(CONFIG-LOOPBACK)</b>	<b>interface loopback &lt;PORT&gt;</b>	esr(config-loopback)#	CONFIG
E1- <b>(CONFIG-E1)</b>	<b>interface e1 &lt;PORT&gt;</b>	esr(config-e1)#	CONFIG
E1- <b>(CONFIG-MULTILINK)</b>	<b>interface multilink &lt;PORT&gt;</b>	esr(config-multilink)#	CONFIG
FXO- <b>(CONFIG-VOICE-PORT-FXO)</b>	<b>interface voice-port &lt;NUM&gt;</b>	esr(config-voice-port-fxo)#	CONFIG
FXS- <b>(CONFIG-VOICE-PORT-FXS)</b>	<b>interface voice-port &lt;NUM&gt;</b>	esr(config-voice-port-fxs)#	CONFIG

VTI (CONFIG-VTI)	tunnel vti <VTI>	esr(config-vti)#	CONFIG
2 (CONFIG-LINE-AUX)	line aux <NUM>	esr(config-line-aux)#	CONFIG
L2TPV3- (CONFIG-L2TPV3)	tunnel l2tpv3 <L2TPV3>	esr(config-l2tpv3)#	CONFIG
GRE- (CONFIG-GRE)	tunnel gre <GRE>	esr(config-gre)#	CONFIG
SoftGRE- (CONFIG-SOFTGRE)	tunnel softgre <SOFTGRE>	esr(config-softgre)#	CONFIG
(CONFIG-LT)	tunnel lt <LT>	esr(config-lt)#	CONFIG
L2 (CONFIG-SUBTUNNEL)	tunnel softgre <GRE>.<VLAN>	esr(config-subtunnel)#	CONFIG
IPv4-over-IPv4 (CONFIG-IP4IP4)	tunnel ip4ip4 <IP4IP4>	esr(config-ip4ip4)#	CONFIG
(CONFIG-BRIDGE)	bridge <BRIDGE>	esr(config-bridge)#	CONFIG
VLAN (CONFIG-VLAN)	vlan <VLAN>	esr(config-vlan)#	CONFIG
VLAN LLDPDU- (CONFIG-NET-POLICY)	network-policy <NAME>	esr(config-net-policy)	CONFIG
DHCP- (CONFIG-DHCP-SERVER)	ip dhcp-server pool <NAME>	esr(config-dhcp-server)#	CONFIG
DHCP 60 (CONFIG-DHCP-VENDOR-ID)	ip dhcp-server vendor-class-id <NAME>	esr(config-dhcp-vendor-id)#	CONFIG
DHCP- (CONFIG-IPV6-DHCP-SERVER)	ipv6 dhcp-server pool <NAME>	esr(config-ipv6-dhcp-server)#	CONFIG
DHCP 60 (CONFIG-IPV6-DHCP-VENDOR-ID)	ipv6 dhcp-server vendor-class-id <NAME>	esr(config-dhcp-vendor-id)#	CONFIG
DHCP- (CONFIG-DHCP-SERVER-FAILOVER)	ip dhcp-server failover [ vrf <VRF> ]	esr(config-dhcp-server-failover)#	CONFIG
(CONFIG-OBJECT-GROUP-APPLICATION)	object-group application <NAME>	esr(config-object-group-application)#	CONFIG
IP- (CONFIG-OBJECT-GROUP-NETWORK)	object-group network <NAME>	esr(config-object-group-network)#	CONFIG
IP- TCP/UDP- (CONFIG-OBJECT-GROUP-ADDRESS-PORT)	object-group address-port <NAME>	esr(config-object-group-address-port)#	CONFIG
TCP/UDP- (CONFIG-OBJECT-GROUP-SERVICE)	object-group service <NAME>	esr(config-object-group-service)#	CONFIG
URL (CONFIG-OBJECT-GROUP-URL)	object-group url <NAME>	esr(config-object-group-url)#	CONFIG
(CONFIG-OBJECT-GROUP-CONTENT-FILTER)	object-group content-filter <NAME>	esr(config-object-group-content-filter)#	CONFIG

Kaspersky Laboratory <b>(CONFIG-OBJECT-GROUP-CF-KASPERSKY)</b>	<b>vendor &lt;VENDOR&gt;</b>	esr(config-object-group-cf-kaspersky)#	CONFIG-OBJECT-GROUP-CONTENT-FILTER
<b>(CONFIG-OBJECT-GROUP-MAIL)</b>	<b>object-group email &lt;NAME&gt;</b>	esr(config-object-group-email)#	CONFIG
XAUTH <b>(CONFIG-ACCESS-PROFILE)</b>	<b>access profile &lt;NAME&gt;</b>	esr(config-access-profile)#	CONFIG
IP- <b>(CONFIG-POOL)</b>	<b>address-assignment pool &lt;NAME&gt;</b>	esr(config-pool)#	CONFIG
IKE <b>(CONFIG-IKE-GATEWAY)</b>	<b>security ike gateway &lt;NAME&gt;</b>	esr(config-ike-gw)#	CONFIG
IKE <b>(CONFIG-IKE-POLICY)</b>	<b>security ike policy &lt;NAME&gt;</b>	esr(config-ike-policy)#	CONFIG
IKE <b>(CONFIG-IKE-PROPOSAL)</b>	<b>security ike proposal &lt;NAME&gt;</b>	esr(config-ike-proposal)#	CONFIG
IPsec <b>(CONFIG-IPSEC-POLICY)</b>	<b>security ipsec policy &lt;NAME&gt;</b>	esr(config-ipsec-policy)#	CONFIG
IPsec <b>(CONFIG-IPSEC-PROPOSAL)</b>	<b>security ipsec proposal &lt;NAME&gt;</b>	esr(config-ipsec-proposal)#	CONFIG
VPN IPsec <b>(CONFIG-IPSEC-VPN)</b>	<b>security ipsec vpn &lt;NAME&gt;</b>	esr(config-ipsec-vpn)#	CONFIG
<b>(CONFIG-ACL)</b>	<b>ip access-list extended &lt;NAME&gt;</b>	esr(config-acl)#	CONFIG
<b>(CONFIG-ACL-RULE)</b>	<b>rule &lt;ORDER&gt;</b>	esr(config-acl-rule)#	CONFIG-ACL
<b>(CONFIG-ZONE)</b>	<b>security zone &lt;NAME&gt;</b>	esr(config-zone)#	CONFIG
<b>(CONFIG-ZONE-PAIR)</b>	<b>security zone-pair &lt;FROM&gt; &lt;TO&gt;</b>	esr(config-zone-pair)#	CONFIG
<b>(CONFIG-ZONE-PAIR-RULE)</b>	<b>rule &lt;ORDER&gt;</b>	esr(config-zone-rule)#	CONFIG-ZONE-PAIR
<b>(CONFIG-DNAT)</b>	<b>nat destination</b>	esr(config-dnat)#	CONFIG
IP- TCP/UDP- DNAT <b>(CONFIG-DNAT-POOL)</b>	<b>pool &lt;NAME&gt;</b>	esr(config-dnat-pool)#	CONFIG-DNAT
DNAT <b>(CONFIG-DNAT-RULESET)</b>	<b>ruleset &lt;NAME&gt;</b>	esr(config-dnat-ruleset)#	CONFIG-DNAT
DNAT <b>(CONFIG-DNAT-RULE)</b>	<b>rule &lt;ORDER&gt;</b>	esr(config-dnat-rule)#	CONFIG-DNAT-RULESET
<b>(CONFIG-SNAT)</b>	<b>nat source</b>	esr(config-snat)#	CONFIG
IP- TCP/UDP- SNAT <b>(CONFIG-SNAT-POOL)</b>	<b>pool &lt;NAME&gt;</b>	esr(config-snat-pool)#	CONFIG-SNAT
SNAT <b>(CONFIG-SNAT-RULESET)</b>	<b>ruleset &lt;NAME&gt;</b>	esr(config-snat-ruleset)#	CONFIG-SNAT

SNAT (CONFIG-SNAT-RULE)	rule <ORDER>	esr(config-snat-rule)#	CONFIG-SNAT-RULESET
(CONFIG-USER)	username <NAME>	esr(config-user)#	CONFIG
(CONFIG-LINE-CONSOLE)	line console	esr(config-line-console)#	CONFIG
(CONFIG-LINE-TELNET)	line telnet	esr(config-line-telnet)#	CONFIG
(CONFIG-LINE-SSH)	line ssh	esr(config-line-ssh)#	CONFIG
TACACS- (CONFIG-TACACS-SERVER)	tacacs-server host <ADDR>	esr(config-tacacs-server)#	CONFIG
RADIUS- (CONFIG-RADIUS-SERVER)	radius-server host <ADDR>	esr(config-radius-server)#	CONFIG
RADIUS- (CONFIG-RADIUS-SERVER-PROFILE)	aaa radius-profile <NAME>	esr(config-aaa-radius-profile)#	CONFIG
DAS- (CONFIG-DAS-SERVER)	das-server <NAME>	esr(config-das-server)#	CONFIG
DAS- (CONFIG-DAS-SERVER-PROFILE)	aaa das-profile <NAME>	esr(config-aaa-das-profile)#	CONFIG
LDAP- (CONFIG-LDAP-SERVER)	ldap-server host <ADDR>	esr(config-ldap-server)#	CONFIG
PPTP (CONFIG-PPTP-SERVER)	remote-access pptp <NAME>	esr(config-pptp-server)#	CONFIG
PPTP (CONFIG-PPTP-USER)	username <NAME>	esr(config-pptp-user)#	CONFIG-PPTP
L2TP (CONFIG-L2TP-SERVER)	remote-access l2tp <NAME>	esr(config-l2tp-server)#	CONFIG
L2TP (CONFIG-L2TP-USER)	username <NAME>	esr(config-l2tp-user)#	CONFIG-L2TP-SERVER
OpenVPN (CONFIG-OPENVPN-SERVER)	remote-access openvpn <NAME>	esr(config-openvpn-server)#	CONFIG
L2TP (CONFIG-OPENVPN-USER)	username <NAME>	esr(config-openvpn-user)#	CONFIG-OPENVPN-SERVER
PPTP (CONFIG-PPTP)	tunnel pptp <PPTP-ID>	esr(config-pptp)#	CONFIG
PPPOE (CONFIG-PPPOE)	tunnel pppoe <PPPOE-ID>	esr(config-pppoe)#	CONFIG
L2TP (CONFIG-L2TP)	tunnel l2tp <L2TP-ID>	esr(config-l2tp)#	CONFIG
OpenVPN (CONFIG-OPENVPN)	tunnel openvpn <OPENVPN-ID>	esr(config-openvpn)#	CONFIG
SNMP- (CONFIG-SNMP-USER)	snmp-server <NAME>	esr(config-snmp-user)#	CONFIG

NTP- <b>(CONFIG-NTP)</b>	<b>ntp server &lt;ADDR&gt;</b> <b>ntp peer &lt;ADDR&gt;</b>	esr(config-ntp)#	CONFIG
BGP- <b>(CONFIG-BGP)</b>	<b>router bgp &lt;AS&gt;</b>	esr(config-bgp)#	CONFIG
BGP- vrf <b>(CONFIG-BGP-VRF)</b>	<b>vrf &lt;VRF&gt;</b>	esr(config-bgp-vrf)#	CONFIG-BGP
IPv4/IPv6 BGP- <b>(CONFIG-BGP-FAMILY)</b>	<b>address-family { ipv4   ipv6 } unicast</b>	esr(config-bgp-af)#	CONFIG-BGP
IPv4/IPv6 BGP- vrf <b>(CONFIG-BGP-VRF-FAMILY)</b>	<b>address-family { ipv4   ipv6 } unicast</b>	esr(config-bgp-vrf-af)#	CONFIG-BGP-VRF
BGP- <b>(CONFIG-BGP-GROUP)</b>	<b>peer-group &lt;NAME&gt;</b>	esr(config-bgp-group)#	CONFIG-BGP
BGP- vrf <b>(CONFIG-BGP-VRF-GROUP)</b>	<b>peer-group &lt;NAME&gt;</b>	esr(config-bgp-vrf-group)#	CONFIG-BGP-VRF
BGP- <b>(CONFIG-BGP-NEIGHBOR)</b>	<b>neighbor { &lt;ADDR&gt;   &lt;IPV6-ADDR&gt; }</b>	esr(config-bgp-neighbor)#	CONFIG-BGP
BGP- vrf <b>(CONFIG-BGP-VRF-NEIGHBOR)</b>	<b>neighbor { &lt;ADDR&gt;   &lt;IPV6-ADDR&gt; }</b>	esr(config-bgp-vrf-neighbor)#	CONFIG-BGP-VRF
IPv4/IPv6 BGP- <b>(CONFIG-BGP-NEIGHBOR-FAMILY)</b>	<b>address-family { ipv4   ipv6   vpnv4 } unicast</b>	esr(config-bgp-neighbor-af)#	CONFIG-BGP-NEIGHBOR
IPv4/IPv6 BGP- vrf <b>(CONFIG-BGP-NEIGHBOR-FAMILY)</b>	<b>address-family { ipv4   ipv6   vpnv4 } unicast</b>	esr(config-bgp-neighbor-af-vrf)#	CONFIG-BGP-VRF-NEIGHBOR
<b>(CONFIG-PL)</b>	<b>ip prefix-list &lt;NAME&gt;</b>	esr(config-pl)#	CONFIG
<b>(CONFIG-IPV6-PL)</b>	<b>ipv6 prefix-list &lt;NAME&gt;</b>	esr(config-ipv6-pl)#	CONFIG
<b>(CONFIG-ROUTE-MAP)</b>	<b>route-map &lt;NAME&gt;</b>	esr(config-route-map)#	CONFIG
<b>(CONFIG-ROUTE-MAP-RULE)</b>	<b>rule &lt;ORDER&gt;</b>	esr(config-route-map-rule)#	CONFIG-ROUTE-MAP
RIP- <b>(CONFIG-RIP)</b>	<b>router rip</b>	esr(config-rip)#	CONFIG
RIPNG- <b>(CONFIG-RIPNG)</b>	<b>ipv6 router rip</b>	esr(config-ripng)#	CONFIG
IS-IS- <b>(CONFIG-ISIS)</b>	<b>router isis &lt;ID&gt;</b>	esr(config-isis)#	CONFIG
OSPF- <b>(CONFIG-OSPF)</b>	<b>router ospf &lt;ID&gt;</b>	esr(config-ospf)#	CONFIG
OSPF- <b>(CONFIG-OSPF-AREA)</b>	<b>area &lt;ID&gt;</b>	esr(config-ospf-area)#	CONFIG-OSPF
OSPF <b>(CONFIG-OSPF-VLINK)</b>	<b>virtual-link &lt;ID&gt;</b>	esr(config-ospf-vlink)#	CONFIG-OSPF-AREA
OSPFv3- <b>(CONFIG-OSPFV3)</b>	<b>ipv6 router ospf &lt;ID&gt;</b>	esr(config-ipv6-ospf)#	CONFIG

OSPFv3- <b>(CONFIG-OSPFV3- AREA)</b>	<b>area &lt;ID&gt;</b>	esr(config-ipv6-ospf-area)#	CONFIG-OSPFV3
OSPFv3 <b>(CONFIG-OSPFV3-VLINK)</b>	<b>virtual-link &lt;ID&gt;</b>	esr(config-ipv6-ospf-vlink)#	CONFIG-OSPFV3-AREA
ISIS- <b>(CONFIG-ISIS)</b>	<b>router isis &lt;ID&gt;</b>	esr(config-isis)#	CONFIG
<b>(CONFIG-KEYCHAIN)</b>	<b>key-chain &lt;KEYCHAIN&gt;</b>	esr(config-keychain)#	CONFIG
<b>(CONFIG-KEYCHAIN-KEY)</b>	<b>key &lt;ID&gt;</b>	esr(config-keychain-key)#	CONFIG-KEYCHAIN
MSTP <b>(CONFIG-MST)</b>	<b>spanning-tree mst configuration</b>	esr(config-mst)#	CONFIG
WAN <b>(CONFIG-WAN-RULE)</b>	<b>wan load-balance rule &lt;ID&gt;</b>	esr(config-wan-rule)#	CONFIG
WAN (IPv6) <b>(CONFIG-IPV6-WAN-RULE)</b>	<b>ipv6 wan load-balance rule &lt;ID&gt;</b>	esr(config-ipv6-wan-rule)#	CONFIG
target- <b>(CONFIG-TARGET-LIST)</b>	<b>wan load-balance target-list &lt;NAME&gt;</b>	esr(config-target-list)#	CONFIG
target- (IPv6) <b>(CONFIG-IPV6-TARGET-LIST)</b>	<b>ipv6 wan load-balance target-list &lt;NAME&gt;</b>	esr(config-ipv6-target-list)#	CONFIG
target <b>(CONFIG-WAN-TARGET)</b>	<b>target &lt;ID&gt;</b>	esr(config-wan-target)#	CONFIG-TARGET-LIST
target (IPv6) <b>(CONFIG-IPV6-WAN-TARGET)</b>	<b>target &lt;ID&gt;</b>	esr(config-ipv6-wan-target)#	CONFIG-IPV6-TARGET-LIST
<b>(CONFIG-TRACK)</b>	<b>track &lt;ID&gt;</b>	esr(config-track)#	CONFIG
WiFi Controller <b>(CONFIG-WIRELESS)</b>	<b>wireless-controller</b>	esr(config-wireless)#	CONFIG
VRF <b>(CONFIG-VRF)</b>	<b>ip vrf &lt;NAME&gt;</b>	esr(config-vrf)#	CONFIG
QoS <b>(CONFIG-POLICY-MAP)</b>	<b>policy-map &lt;NAME&gt;</b>	esr(config-policy-map)#	CONFIG
QoS <b>(CONFIG-CLASS-MAP)</b>	<b>class-map &lt;NAME&gt;</b>	esr(config-class-map)#	CONFIG
QoS <b>(CONFIG-POLICY-MAP-CLASS)</b>	<b>class &lt;NAME&gt;</b>	esr(config-class-policy-map)#	CONFIG
PPP- <b>(CONFIG-PPP-USER)</b>	<b>ppp chap username &lt;NAME&gt;</b>	esr(config-ppp-user)#	CONFIG-E1
	<b>ppp chap username &lt;NAME&gt;</b>		CONFIG-MULTILINK
	<b>user &lt;NAME&gt;</b>		CONFIG-CELLULAR-PROFILE
	<b>user &lt;NAME&gt;</b>		CONFIG-ACCESS-PROFILE
	<b>username &lt;NAME&gt;</b>		CONFIG-L2TP-SERVER
	<b>username &lt;NAME&gt;</b>		CONFIG-PPTP-SERVER
<b>(CONFIG-ARCHIVE)</b>	<b>archive</b>	esr(config-archive)#	CONFIG

Netflow <b>(CONFIG-NETFLOW-HOST)</b>	<b>netflow collector &lt;ADDR&gt;</b>	esr(config-netflow-host)#	CONFIG
sFlow <b>(CONFIG-SFLOW-HOST)</b>	<b>sflow collector &lt;ADDR&gt;</b>	esr(config-sflow-host)#	CONFIG
SNMP <b>(CONFIG-SNMP-HOST)</b>	<b>snmp-server host &lt;ADDR&gt;</b>	esr(config-snmp-host)#	CONFIG
<b>(CHANGE-EXPIRED-PASSWORD)</b>	-	esr(change-expired-password) #	-
http- <b>(CONFIG-PROFILE)</b>	<b>ip http profile &lt;NAME&gt;</b>	esr(config-profile)	CONFIG
MPLS <b>(CONFIG-MPLS)</b>	<b>mpls</b>	esr(config-mpls)#	CONFIG
LDP <b>(CONFIG-LDP)</b>	<b>ldp</b>	esr(config-ldp)#	CONFIG
IPv4 LDP <b>(CONFIG-LDP-AF-IPV4)</b>	<b>address-family ipv4</b>	esr(config-ldp-af-ipv4)#	CONFIG-LDP
LDP-unicast- <b>(CONFIG-LDP-NEIGH)</b>	<b>neighbor &lt;ADDR&gt;</b>	esr(config-ldp-neig)#	CONFIG-LDP
IPv4 LDP ip- <b>(CONFIG-LDP-AF-IPV4-IF)</b>	<b>interface &lt;IF&gt;</b>	esr(config-ldp-af-ipv4-if)#	CONFIG-LDP-AF-IPV4
L2-MPLS- <b>(CONFIG-L2VPN)</b>	<b>l2vpn</b>	esr(config-l2vpn)#	CONFIG-MPLS
L2-MPLS- <b>(CONFIG-L2VPN-EOMPLS)</b>	<b>vpls &lt;NAME&gt;</b> <b>p2p &lt;NAME&gt;</b>	esr(config-l2vpn-vpls)# esr(config-l2vpn-p2p)#	CONFIG-L2VPN
PW-class ( pseudo-wire) <b>(CONFIG-L2VPN-PW-CLASS)</b>	<b>pw-class &lt;WORD&gt;</b>	esr(config-l2vpn-pw-class)#	CONFIG-L2VPN
pseudo-wire L2-MPLS- <b>(CONFIG-L2VPN-PW)</b>	<b>pw &lt;PW_ID&gt; &lt;LSR_ID&gt;</b> <b>[&lt;NEIGH_ADDR&gt;]</b>	esr(config-l2vpn-pw)#	CONFIG-L2VPN-EOMPLS
BGP auto-discovery and signaling. <b>(CONFIG-AUTODISCOVERY-BGP)</b>	<b>autodiscovery bgp</b>	esr(config-bgp)#	CONFIG-L2VPN-EOMPLS
IPS/IDS <b>(CONFIG-IPS-POLICY)</b>	<b>security ips policy &lt;NAME&gt;</b>	esr(config-ips-policy)#	CONFIG
IPS/IDS <b>(CONFIG-IPS-VENDOR)</b>	<b>vendor &lt;VENDOR&gt;</b>	esr(config-ips-vendor)#	CONFIG-IPS-POLICY
IPS/IDS <b>(CONFIG-IPS-VENDOR-CATEGORY)</b>	<b>category &lt;CATEGORY&gt;</b>	esr(config-ips-vendor- category)#	CONFIG-IPS-VENDOR
IPS/IDS <b>(CONFIG-IPS)</b>	<b>security ips</b>	esr(config-ips)#	CONFIG
IPS/IDS <b>(CONFIG-CONTENT-PROVIDER)</b>	<b>content-provider</b>	esr(config-content-provider)#	CONFIG
IPS/IDS <b>(CONFIG-IPS-AUTO-UPGRADE)</b>	<b>auto-upgrade</b>	esr(config-ips-auto-upgrade)#	CONFIG-IPS
IPS/IDS <b>(CONFIG-IPS-UPGRADE-USER-SERVER)</b>	<b>user-server &lt;WORD&gt;</b>	esr(config-ips-upgrade-user- server)#	CONFIG-IPS-AUTO-UPGRADE

IPS/IDS (CONFIG-IPS-CATEGORY)	<b>security ips-category user-defined &lt;CATEGORY_NAME&gt;</b>	esr(config-ips-category)#	CONFIG
IPS/IDS (CONFIG-IPS-CATEGORY-RULE)	<b>rule &lt;ORDER&gt;</b>	esr(config-ips-category-rule)#	CONFIG-IPS-CATEGORY
IPS/IDS (CONFIG-IPS-CATEGORY-RULE-ADVANCED)	<b>rule-advanced &lt;ORDER&gt;</b>	esr(config-ips-category-rule-advanced)#	CONFIG-IPS-CATEGORY
zabbix-agent (CONFIG-ZABBIX-AGENT)	<b>zabbix-agent</b>	esr(config-zabbix-agent)#	CONFIG
zabbix-proxy (CONFIG-ZABBIX-PROXY)	<b>zabbix-proxy</b>	esr(config-zabbix-proxy)#	CONFIG
« » CONFIG-ANTISPAM-PROFILE	<b>security antispam profile &lt;NAME&gt;</b>	esr(config-antispam-profile)#	CONFIG
« » CONFIG-ANTISPAM-PROFILE-RULE	<b>rule &lt;ORDER&gt;</b>	esr(config-antispam-profile-rule)#	CONFIG
CONFIG-MAILSERVER-DOMAIN	<b>mailserver domain &lt;NAME&gt;</b>	esr(config-mailserver-domain)#	CONFIG
CONFIG-MAILSERVER	<b>mailserver</b>	esr(config-mailserver)#	CONFIG

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	<p><b>&lt;UNIT&gt;/&lt;SLOT&gt;/&lt;PORT&gt;</b>,</p> <ul style="list-style-type: none"> <li>• &lt;UNIT&gt; – ,</li> <li>• &lt;SLOT&gt; – 0 ,</li> <li>• &lt;PORT&gt; – .</li> </ul>
1/	<p><b>gigabitethernet &lt;UNIT&gt;/&lt;SLOT&gt;/&lt;PORT&gt;</b></p> <p>: <b>gigabitethernet 1/0/12</b></p> <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;">  , gi1/0/12. </div>
10/	<p><b>tengigabitethernet &lt;UNIT&gt;/&lt;SLOT&gt;/&lt;PORT&gt;</b></p> <p>: <b>tengigabitethernet 1/0/2</b></p> <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;">  , te1/0/2. </div>

40/c	<p><b>fortygigabitethernet &lt;UNIT&gt;/&lt;SLOT&gt;/&lt;PORT&gt;</b></p> <p>: <b>fortygigabitethernet 1/0/2</b></p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  , fo1/0/2. </div>
	<p>:</p> <p><b>port-channel &lt;CHANNEL_ID&gt;</b></p> <p>: <b>port-channel 6</b></p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  , , po1. </div>
	<p>(VLAN) , .</p> <p>:</p> <p><b>gigabitethernet 1/0/12.100</b></p> <p><b>tengigabitethernet 1/0/2.123</b></p> <p><b>port-channel 1.6</b></p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  [1..4094]. </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px; background-color: #ffe6e6;">  c ESR-1000/1200/1500/1511/1700. </div>
Q-in-Q	<p>Q-in-Q , VLAN VLAN, .</p> <p>:</p> <p><b>gigabitethernet 1/0/12.100.10</b></p> <p><b>tengigabitethernet 1/0/2.45.12</b></p> <p><b>port-channel 1.6.34</b></p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  VLAN [1..4094]. </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px; background-color: #ffe6e6;">  c ESR-1000/1200/1500/1511/1700. </div>
E1-	<p>E1- .</p> <p><b>E1- &lt; UNIT&gt;/&lt; SLOT&gt;/&lt; STREAM&gt;</b>,</p> <ul style="list-style-type: none"> <li>• &lt;UNIT&gt; – [1..1],</li> <li>• &lt;SLOT&gt; – E1- [0..12],</li> <li>• &lt;STREAM&gt; – E1- [1..1].</li> </ul> <p>: <b>e1 1/0/1</b></p>
E1-	<p>E1- :</p> <p><b>multilink &lt;CHANNEL_ID&gt;</b></p> <p>: <b>multilink 3</b></p>

	<pre> : : <b>loopback 4</b> <b>bridge 60</b> <b>service-port 1</b> </pre>
	<pre> E1- &lt;UNIT&gt;/&lt; SLOT&gt;/&lt; STREAM&gt;, • &lt;UNIT&gt; - [1..1], • &lt;SLOT&gt; - 0 , • &lt;PORT&gt; - . : <b>serial 1/0/1</b> </pre>
USB-	<pre> USB- : <b>modem &lt;MODEM-NUM&gt;</b> : <b>modem 1</b> </pre>
FXS/FXO	<pre> FXS/FXO- : <b>interface voice-port &lt;NUM&gt;</b> : <b>voice-port 1</b> </pre>



1. .
2. . unit 1.
3. . «-».

:

```

interface gigabitethernet 1/0/1, gigabitethernet 1/0/5
interface tengigabitethernet 1/0/1-2
interface fortygigabitethernet 1/0/1-2
interface gil/0/1-3,gil/0/7,tel/0/1,fo1/0/1

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L2TP-	<pre> L2TP- : <b>l2tp &lt;L2TP_ID&gt;</b> : <b>l2tp 1</b> </pre>
L2TPv3-	<pre> L2TPv3- : <b>l2tpv3 &lt;L2TPV3_ID&gt;</b> : <b>l2tpv3 1</b> </pre>
GRE-	<pre> GRE- : <b>gre &lt;GRE_ID&gt;</b> : <b>gre 1</b> </pre>

GRE-	GRE- , VLAN : <b>gre &lt;GRE_ID&gt;.&lt;VLAN_ID&gt;</b> : <b>gre 1.200</b>
SoftGRE-	SoftGRE- , , VLAN ID : <b>softgre &lt;GRE_ID&gt;[.&lt;VLAN&gt;]</b> : <b>softgre 1, softgre 1.10</b>
IPv4-over-IPv4-	IPv4-over-IPv4- : <b>ip4ip4 &lt;IPIP_ID&gt;</b> : <b>ip4ip4 1</b>
IPsec-	IPsec- : <b>vti &lt;VTI_ID&gt;</b> : <b>vti 1</b>
( VRF)	: <b>lt &lt;LT_ID&gt;</b> : <b>lt 1</b>
PPPoE-	PPPoE- : <b>pppoe &lt;PPPoE_ID&gt;</b> : <b>pppoe 1</b>
PPTP-	PPPTP- : <b>pptp &lt;PPTP_ID&gt;</b> : <b>pptp 1</b>

