

13. VLAN-ACL

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13.1. VLAN-ACL

ACL VLAN, VLAN, ACL .
ACL VLAN ACL , ACL , ACL VLAN.
IP VLAN-ACL, MAC VLAN-ACL, IP-MAC VLAN-ACL IPv6 ACL. VLAN userdefined ACL. VLAN , VLAN-ACL (ingress) .

13.2. VLAN-ACL

1. IP VLAN-ACL;
2. MAC VLAN-ACL;
3. MAC-IP VLAN-ACL;
4. IPv6 VLAN-ACL;
5. ACL VLAN:
6. VLAN-ACL;
7. VLAN-ACL.

1. IP VLAN-ACL:

vacl ip access-group {<1-299> WORD} in [traffic-statistic] vlan <vlan-range> no vacl ip access-group {<1-299> WORD} vlan <vlan-range> !	IP-ACL {<1-299> WORD} VLAN <vlan-range>. traffic-statistic access-group IP-ACL {<1-299> WORD} VLAN

2. MAC VLAN-ACL:

vacl mac access-group {<700-1199> WORD} in [traffic-statistic] vlan <vlan-range> no vacl mac access-group {<700-1199> WORD} in vlan <vlan-range> !	IP-ACL {<700-1199> WORD} VLAN <vlan-range>. traffic-statistic access-group IP-ACL {<700-1199> WORD} VLAN

3. MAC-IP VLAN-ACL:

vacl mac-ip access-group {<3100-3299> <acl-name>} in [traffic-statistic] vlan <vlan-range> no vacl mac-ip access-group {<3100-3299> <acl-name>} in vlan <vlan-range> !	MAC-IP-ACL{<3100-3299> <acl-name>} VLAN <vlan-range>. traffic-statistic access-group. ACL {<3100-3299> <acl-name>} VLAN <vlan-range>

4. IPv6 VLAN-ACL:

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vcl ipv6 access-group {<500-699> <acl-name>} in [traffic-statistic] vlan <vlan-range> no ipv6 access-group {<500-699> <acl-name>} in vlan <vlan-range> !	IPv6 ACL <{<500-699> <acl-name>} VLAN <vlan-range>. traffic-statistic access-group. ACL {<500-699> <acl-name>} VLAN
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5. ACL VLAN:

[no] vcl userdefined access-group <1200-1399> in vlan <vlan-range> [traffic-statistic] !	ACL <1200-1399> VLAN <vlan-range>. traffic-statistic access-group. ACL <1200-1399> VLAN
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6. VLAN-ACL:

show vcl in vlan [<vlan-id>] !	VLAN-ACL VLAN, <vlan-id> VLAN.
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7. VLAN-ACL:

clear vcl in statistic vlan [<vlan-id>] !	VLAN-ACL VLAN, <vlan-id> VLAN.
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13.3. VLAN-ACL

VLAN 1 2 192.168.1.0/24, .

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Switch(config)#ip access-list extended vcl_a
Switch(config-ip-ext-nacl-vcl_a)#permit ip any-source 192.168.1.0 0.0.0.255
Switch(config-ip-ext-nacl-vcl_a)#deny ip any-source any-destination
Switch(config-ip-ext-nacl-vcl_a)#exit
Switch(config)#firewall enable
Switch(config)#vcl ip access-group vcl_a in vlan 1-2
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