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# IP ACL Application Configuration

# Table of Contents

|   |   |
|---|---|
| Chapter 1 IP ACL Application Configuration..... | 1 |
| 1.1 Applying the IP Access Control List.....    | 1 |
| 1.1.1 Applying the IP Access Control List.....  | 1 |

# Chapter 1 IP ACL Application Configuration

## 1.1 Applying the IP Access Control List

### 1.1.1 Applying the IP Access Control List

After an ACL is established, it can be applied on one or many slots or globally.

Run the following command to apply IPv6 ACL on a port:

| Command                                   | Purpose   |
|---|---|
| <b>config</b>                             | Enters the global configuration mode.   |
| <b>interface g0/1</b>                     | Enters the to-be-configured port.   |
| <b>[no] {ip   ipv6} access-group name</b> | Applies the established IP access list to an interface or cancels it on the interface.<br><br>Name IP: Name of the ip access list |
| <b>exit</b>                               | Goes back to the global configuration mode.   |
| <b>exit</b>                               | Goes back to the EXEC mode.   |
| <b>write</b>                              | Saves the settings.   |

Run the following command in global mode:

| Command  | Purpose  |
|--|--|
| <b>config</b>  | Enters the global configuration mode.  |
| <b>[no] {ip   ipv6} access-group name</b><br><b>[vlan {word   add word   remove word}]</b> | Applies the established ip access list to an interface or cancels it on the interface in the global configuration mode.<br><br>NameIP: Name of the ip access list<br><b>Vlan</b> THE ACCESS LIST IS APPLIED IN INGRESS.<br><br>WordVLAN RANGE TABLE<br><b>Add</b> ADD VLAN RANGE TABLE<br>Remove Delete vlan range table |

|              |                             |
|--------------|-----------------------------|
| <b>exit</b>  | Goes back to the EXEC mode. |
| <b>write</b> | Saves the settings.         |

Note: In the global configuration mode, the IP access list can be applied to VLAN and in the interface configuration mode, the IP access list cannot be applied to VLAN.