

# set protocols dot1x filter sequence from protocol

The **set protocols dot1x filter sequence from protocol** command configures the protocol type information of the matching packets based on the NAC-based ACL rules.

## Command Syntax

**set protocols dot1x filter** *<filter-name>* sequence *<sequence-number>* from protocol [**icmp** | **igmp** | **ip** | **ospf** | **others** *<protocol-number>* | **udp** | **tcp**]

## Parameter

Parameter	Description
<b>filter</b> <i>&lt;filter-name&gt;</i>	Specifies the ACL filter name. The value is a string.
<b>sequence</b> <i>&lt;sequence-number&gt;</i>	Specifies filter sequence number. The value is an integer that ranges from 0 to 9999.
<b>protocol</b> [ <b>icmp</b>   <b>igmp</b>   <b>ip</b>   <b>ospf</b>   <b>others</b> <i>&lt;protocol-number&gt;</i>   <b>udp</b>   <b>tcp</b> ]	Specifies a protocol name or a protocol number. <ul style="list-style-type: none"><li>• Protocol name could be <b>icmp</b>, <b>igmp</b>, <b>ip</b>, <b>ospf</b>, <b>udp</b> or <b>tcp</b>.</li><li>• Protocol number is an integer that ranges from 0 to 255. For example, 8 for EGP, 9 for IGP, 47 for GRE, 88 for EIGRP, 103 for PIM, and 112 for VRRP.</li></ul>

## Example

- Configure the protocol type of packets that match ACL rules to ICMP.

```
admin@Xorplus# set protocols dot1x filter f1 sequence 2 from protocol icmp
admin@Xorplus# commit
```