

# IPv6 Management Support

## SNMP over IPv6

User can walk the SNMP model via IPv6 address.

## SSH over IPv6

User can log in to the switch via IPv6 address. (Static IPv6 address for a management port can be configured.)

```
admin@XorPlus# set system management-ethernet eth0 ip-address ?
Possible completions:
<[Enter]> Execute this command
IPv4 IPv4 address or negotiated via DHCP, e.g. 192.168.1.2/24 or dhcp
IPv6 IPv6 address or negotiated via DHCP, e.g. fec0::10/64 or dhcp
admin@XorPlus# set system management-ethernet eth0 ip-gateway ?
Possible completions:
<[Enter]> Execute this command
IPv4 Configure the IPv4 gateway
IPv6 Configure the IPv6 gateway
```

## Syslog over IPv6

User can send syslog via IPv6 address to remote server.

```
admin@XorPlus# set system syslog server-ip ?
Possible completions:
<IPv4> Remove syslog server
<IPv6> Remove syslog server for IPv6
```

## NTP Client IPv6

User can synchronize the time via IPv6 address.

```
admin@XorPlus# set system ntp-server-ip ?
Possible completions:
<IPv4> Sync time with NTP server <IP>
<IPv6> Sync time with NTP server <IPv6>
```

## DNS Client IPv6

User can configure an IPv6 dns server IP address.

```
admin@XorPlus# set system dns-server-ip ?
Possible completions:
<IPv4> DNS server IP address <IP>
<IPv6> DNS server IPv6 address <IP>
```

## DHCPv6 Client

PicOS supports dhcpv6 function.

## Radius over IPv6

User can configure an IPv6 address for the radius server.

```
admin@XorPlus# set system aaa radius authorization server-ip ?  
Possible completions:  
<IPv4> Radius authorization IPv4 server address  
<IPv6> Radius authorization IPv6 server address
```