

# E6100 SNMP 설정 절차서

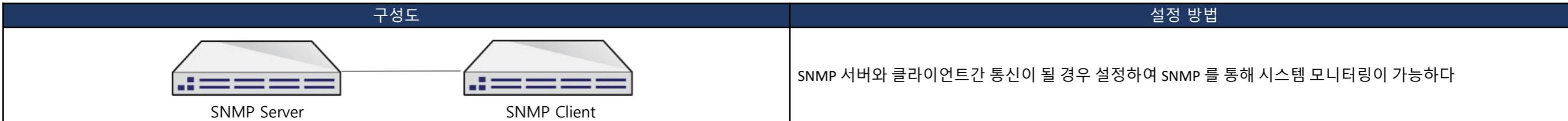
2024.04

ubiQuoss

# SNMP 개념 및 설정

## ▶ SNMP (Simple Network Management Protocol) 기능

▶ SNMP (Simple Network Management Protocol)는 네트워크 장비나 시스템의 상태를 모니터링하고 관리하기 위한 프로토콜입니다.



## ▶ 설정 절차서

명령어	모드	설명
E6100# conf t	Config	Config mode 진입
E6100(config)# snmp-server community ktmodel RO 50	Config	SNMP Read Only Community 설정
E6100(config)# snmp-server community ktmodel1 RW 50	Config	SNMP Read Write Community 설정
E6100(config)# ip option snmp-acl access-group 50	Config	Snmp Access List ip option 적용
E6100# show run   include snmp	privileged	SNMP 설정 조회

## ▶ SNMP 설정 조회 예시

명령어	비고
E6100# show run   include snmp  Tue Nov 19 2024 20:09:14 KST ip option snmp-acl access-group 50 snmp-server community ktmodel RO 50 snmp-server community ktmodel1 RW 50	

# LLCF 설정 절차

## ▶ 설정 절차서 예시

명령어	비고																																																				
<pre>E6100# conf t E6100(config)# llcf-group 1 enable E6100(config)# llcf-group 1 set-mode bi-direction E6100(config)# int gi1 E6100(config-if-gi1)# llcf-group 1 &lt; downlink   up-link &gt; E6100# show llcf-group</pre> <table border="1"> <thead> <tr> <th>GROUP</th><th>LLCF-MODE</th><th>STATUS</th><th>MEMBER-LIST</th></tr> </thead> <tbody> <tr><td>1</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : gi1</td></tr> <tr><td>2</td><td>up-link</td><td>enable</td><td>up-link : gi3 down-link : gi2</td></tr> <tr><td>3</td><td>down-link</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> <tr><td>4</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> <tr><td>5</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> <tr><td>6</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> <tr><td>7</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> <tr><td>8</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> <tr><td>9</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> <tr><td>10</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> <tr><td>11</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> <tr><td>12</td><td>bi-direction</td><td>disable</td><td>up-link : not exist down-link : not exist</td></tr> </tbody> </table>	GROUP	LLCF-MODE	STATUS	MEMBER-LIST	1	bi-direction	disable	up-link : not exist down-link : gi1	2	up-link	enable	up-link : gi3 down-link : gi2	3	down-link	disable	up-link : not exist down-link : not exist	4	bi-direction	disable	up-link : not exist down-link : not exist	5	bi-direction	disable	up-link : not exist down-link : not exist	6	bi-direction	disable	up-link : not exist down-link : not exist	7	bi-direction	disable	up-link : not exist down-link : not exist	8	bi-direction	disable	up-link : not exist down-link : not exist	9	bi-direction	disable	up-link : not exist down-link : not exist	10	bi-direction	disable	up-link : not exist down-link : not exist	11	bi-direction	disable	up-link : not exist down-link : not exist	12	bi-direction	disable	up-link : not exist down-link : not exist	<p>Config mode 진입 group-id&lt;1-12&gt; 를 갖는 LLCF Group을 활성화 group-id 를 갖는 LLCF Group을 mode&lt; bi-direction   down-link   up-link &gt;로 설정 Interface mode 진입 해당 포트를 group-id을 갖는 LLCF Group의 uplink / downlink 멤버로 등록 LLCF Group과 멤버 포트의 관계를 조회</p>
GROUP	LLCF-MODE	STATUS	MEMBER-LIST																																																		
1	bi-direction	disable	up-link : not exist down-link : gi1																																																		
2	up-link	enable	up-link : gi3 down-link : gi2																																																		
3	down-link	disable	up-link : not exist down-link : not exist																																																		
4	bi-direction	disable	up-link : not exist down-link : not exist																																																		
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