

Windows IPSEC 설정 방법

출처 : <http://blog.naver.com/PostView.nhn?blogId=vnfmap1331&logNo=60106767672>

안녕하세요.. 마로사랑입니다.

5월 3일 방송한 IPSEC 설정 부분을 정리한 자료입니다.

너무 늦게 올려 죄송합니다.

IPSec(Internet Protocol security)는 가장 장기적으로 보안 네트워킹을 구현하는 방법입니다.

사실 네트워크 및 인터넷 공격을 방어하는 핵심 라인을 제공하며, 강력한 보안과 사용의 편리성을 함께 도모합니다.

IPSec는 두 가지 목표를 가지고 있습니다.

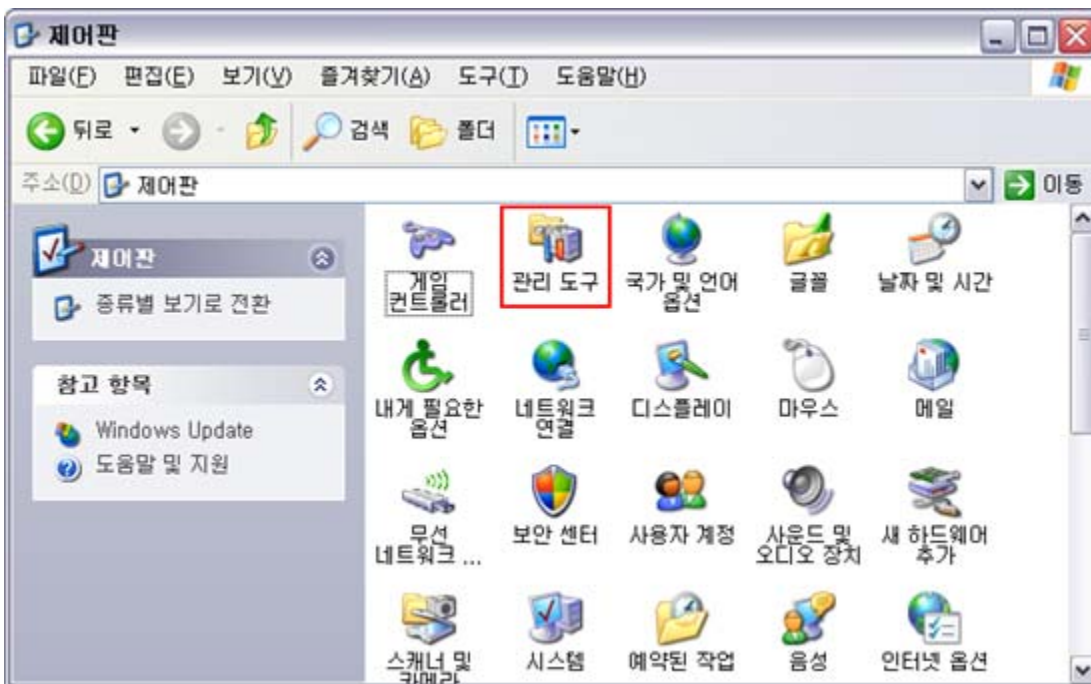
1. IP 패킷의 내용을 보호
2. 패킷 필터링과 트러스트된 통신을 수행하여 네트워크 공격을 방어IPSEC은 Inbound와 Outbound로 구성됩니다.

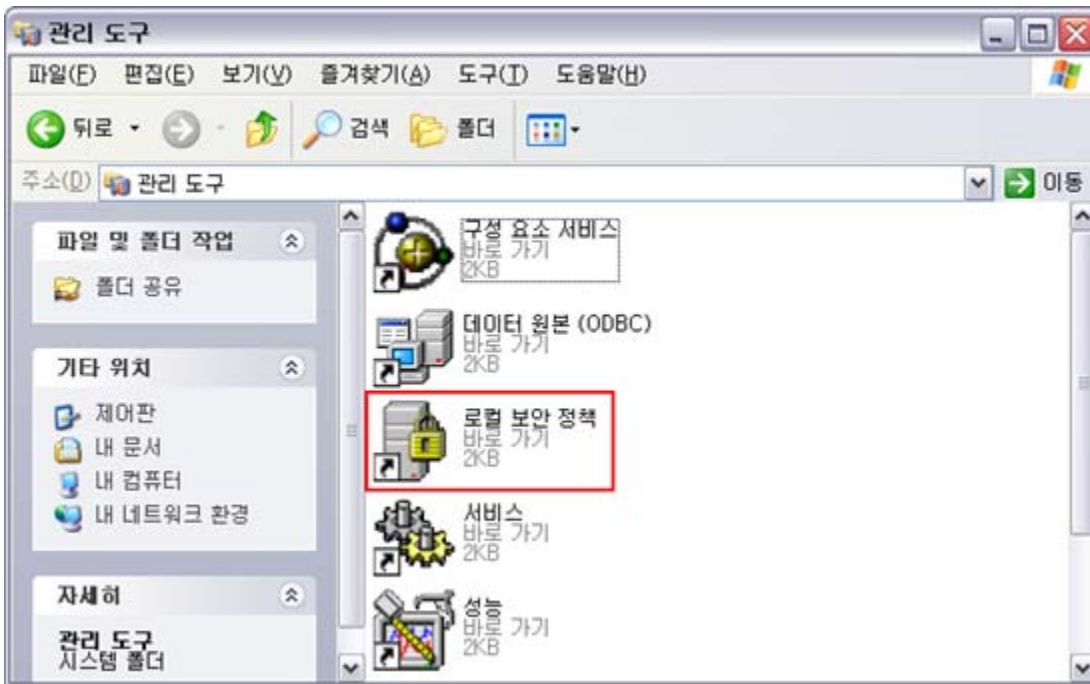
IPSEC 설정

설정 > 관리도구 > 로컬보안정책 에서 설정할 수 있다.

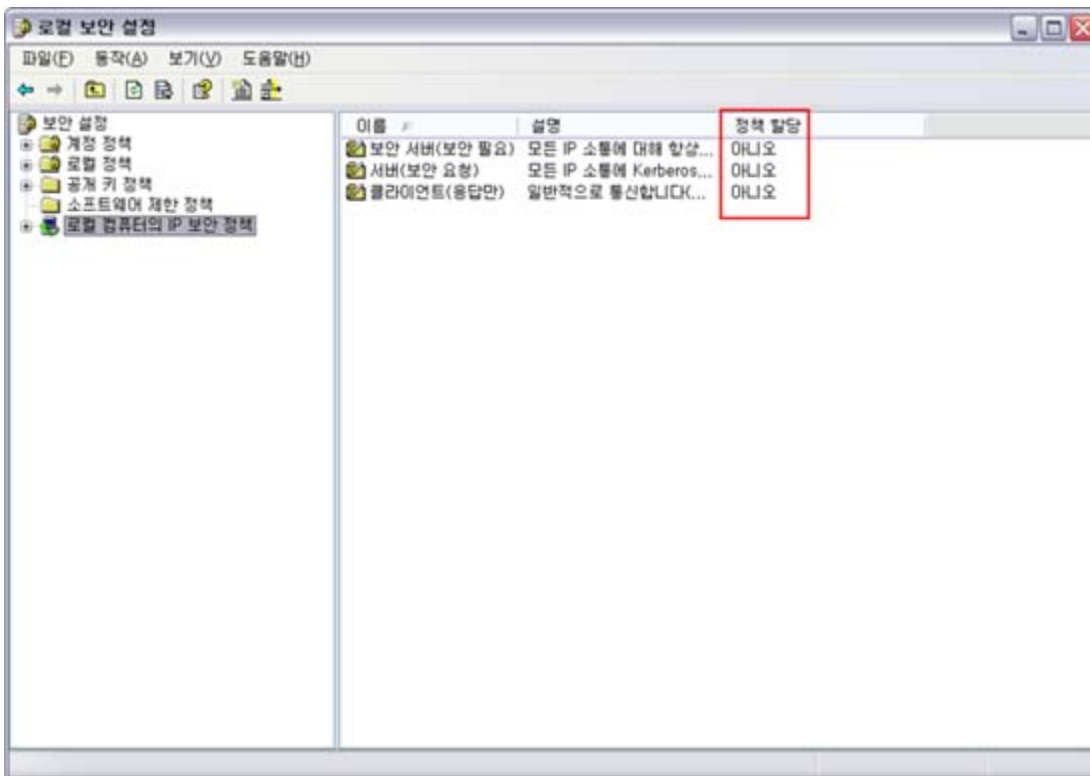
Windows 2000, XP, 2003모두 있으며, home version에는 설정 부분이 없다.

MS(Microsoft) 라이선스 정책에 따라 XP에서 없을 수 있다.





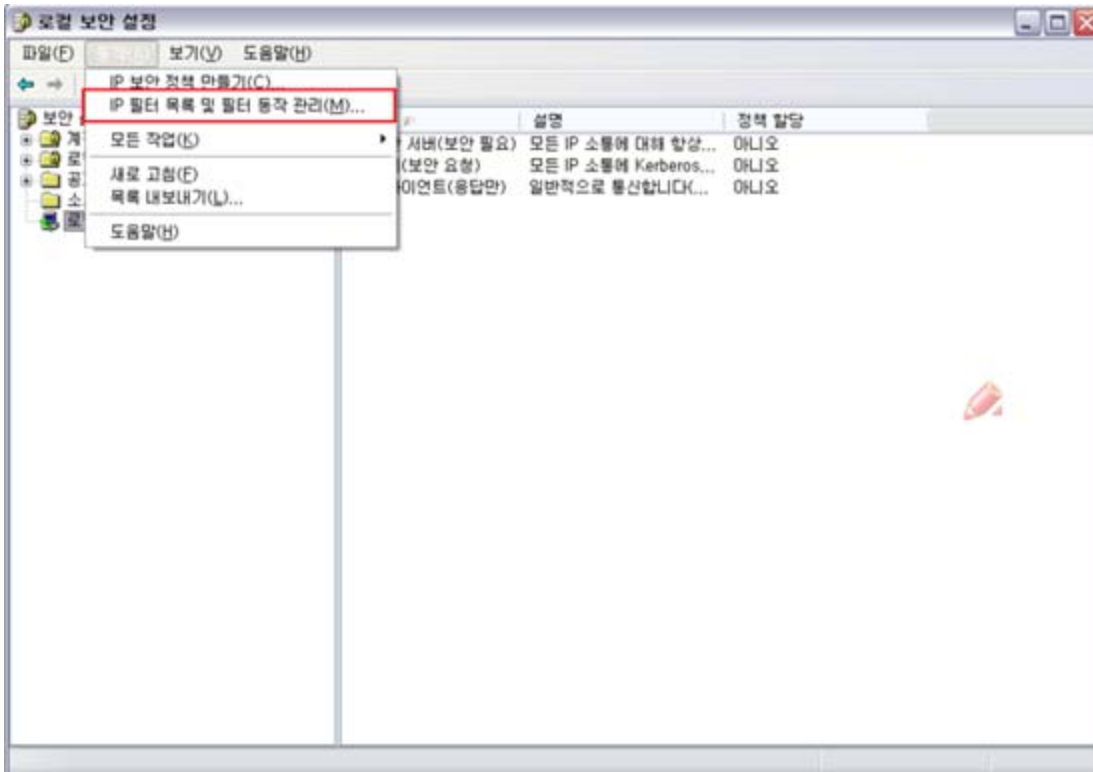
로컬 보안 설정에 정책할당은 default값으로 모두 아니라고 표시



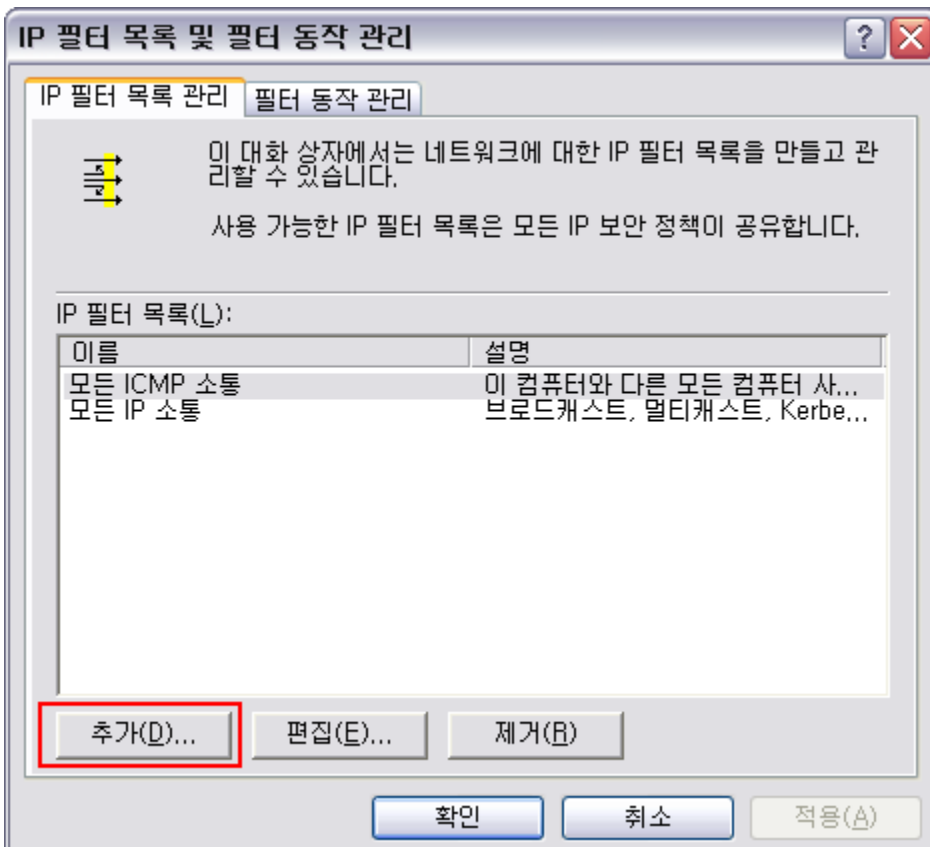
(1) IPSEC UDP 1434 Port Inbound설정

Inbound란 ? 본인(USER)을 기준으로 들어오는 포트를 막을 때 사용된다.

동작 > IP필터 목록 및 필터 동작 관리

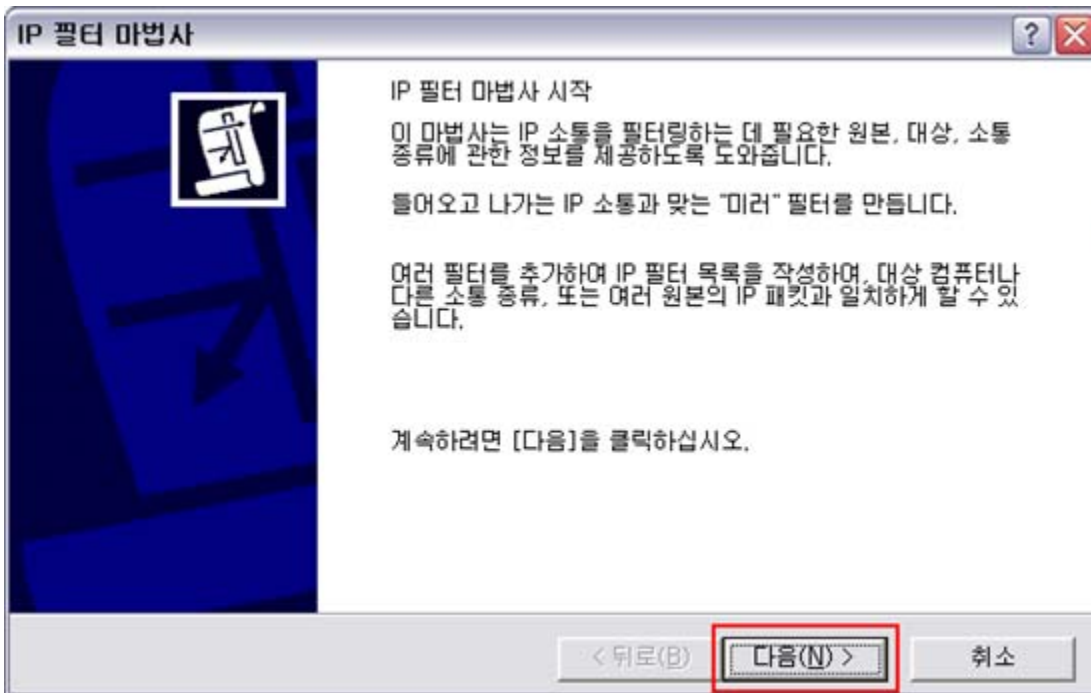
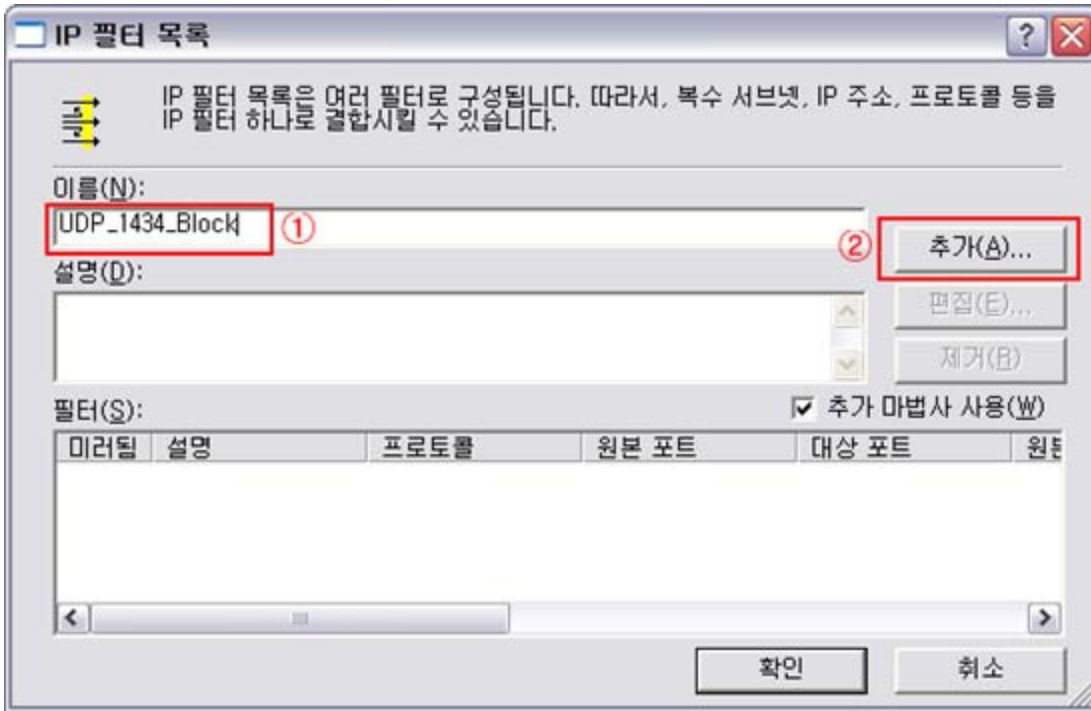


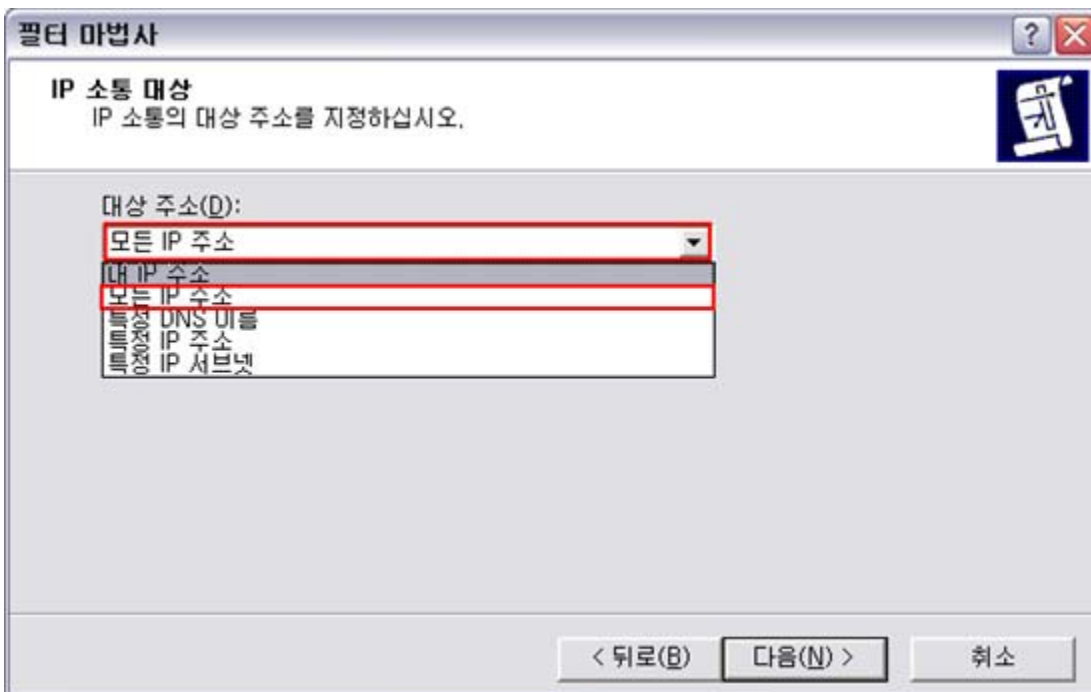
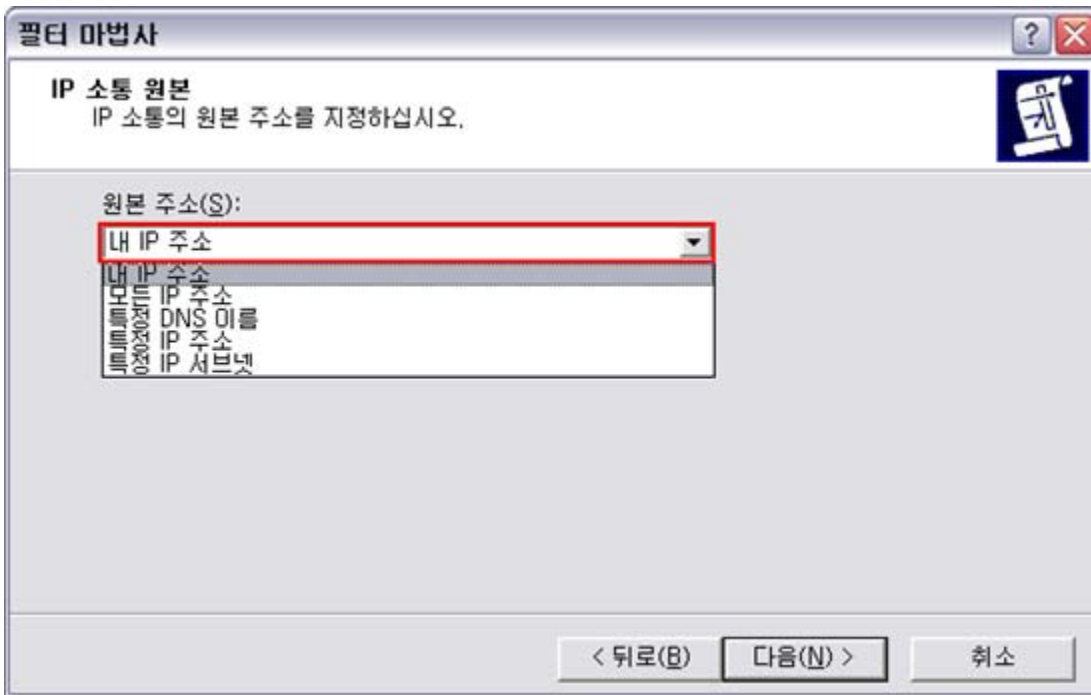
IP 필터 목록 및 필터 동작 원리에서 추가 버튼 클릭

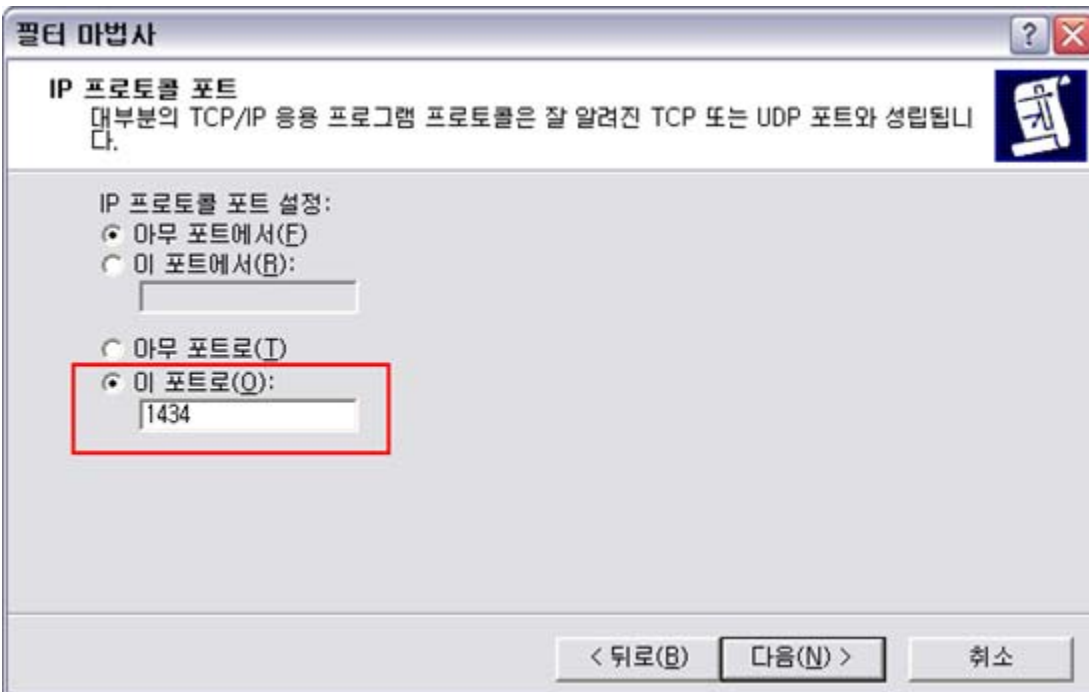
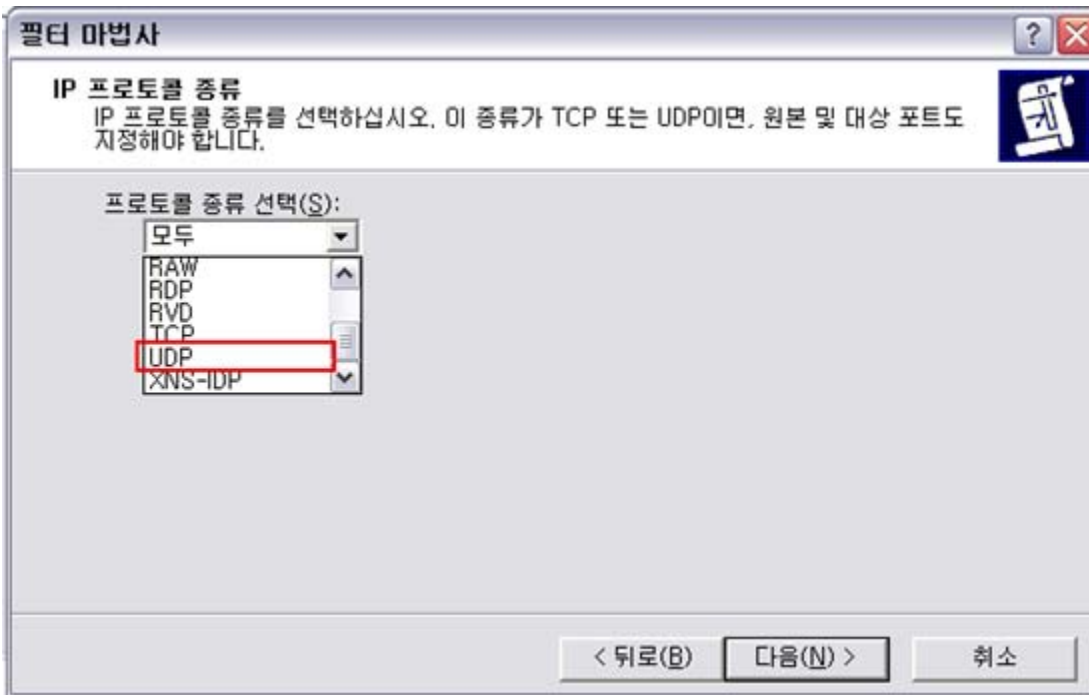


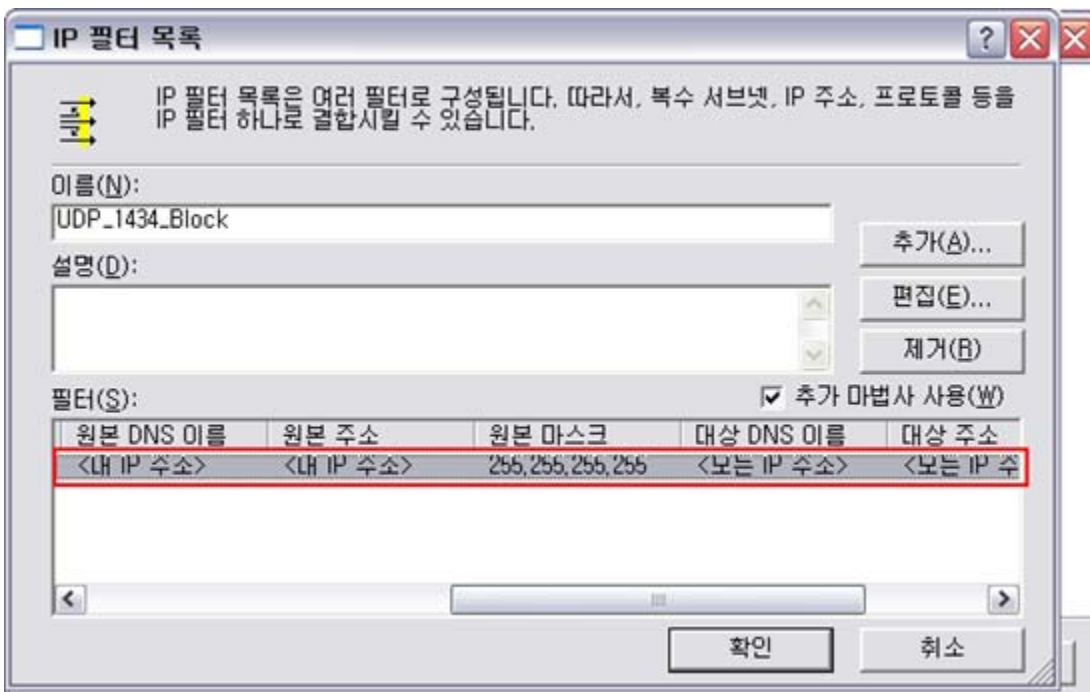
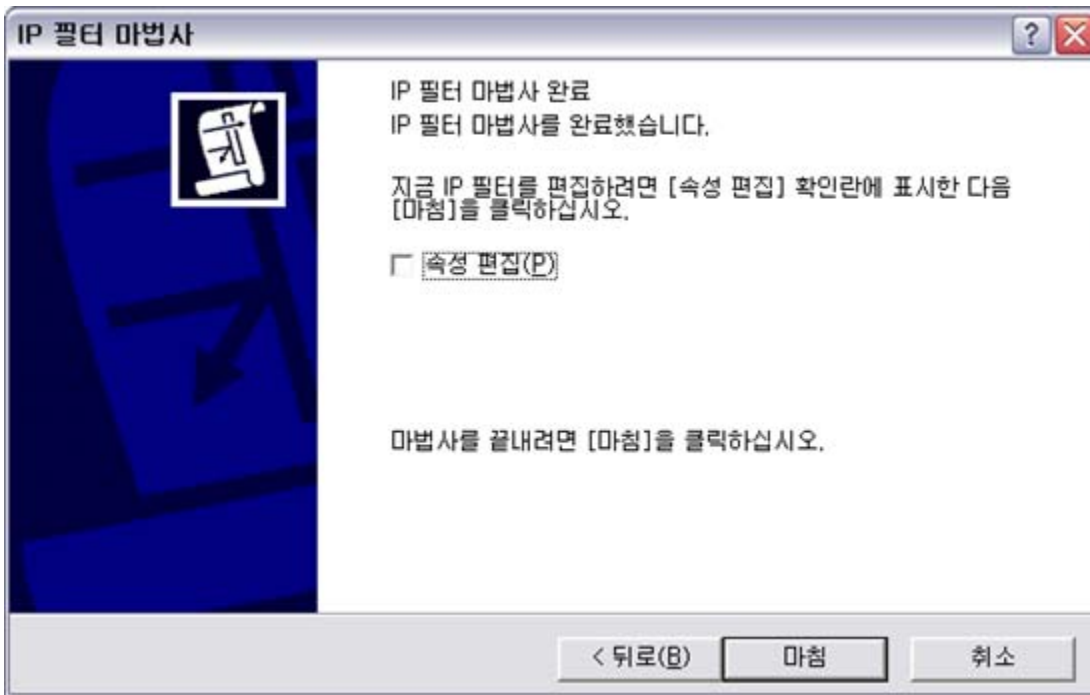
IP필터 목록이란 창이 뜬다.

이름(N) 부분이 중요하다. (프로토콜_포트번호_block 누구나 보기 쉽게 설정)





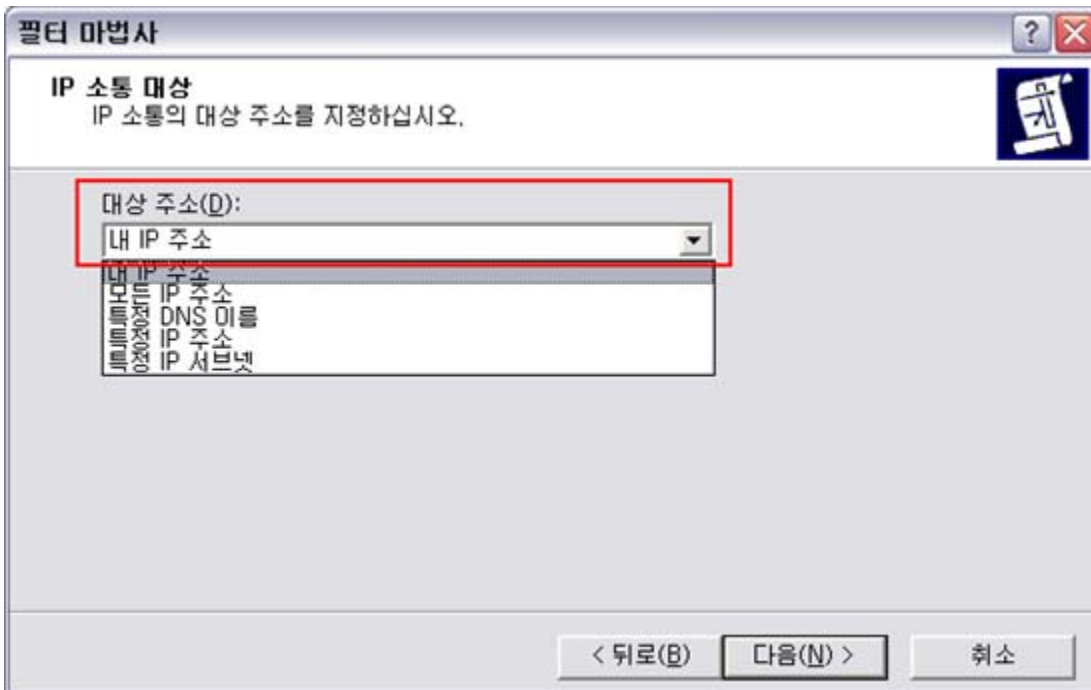
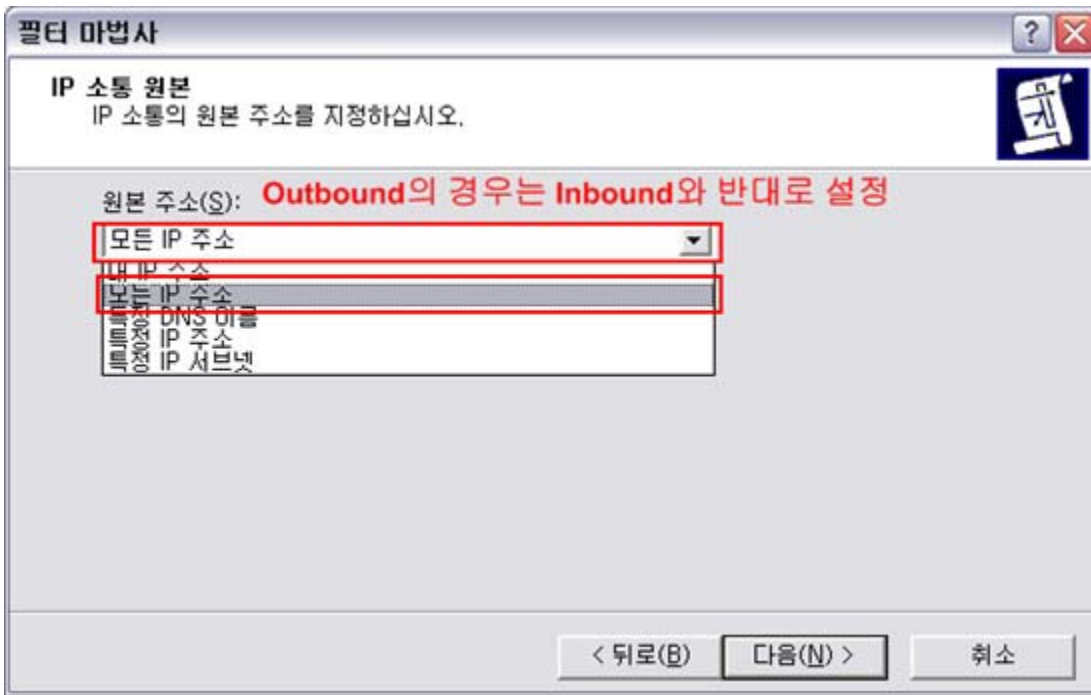


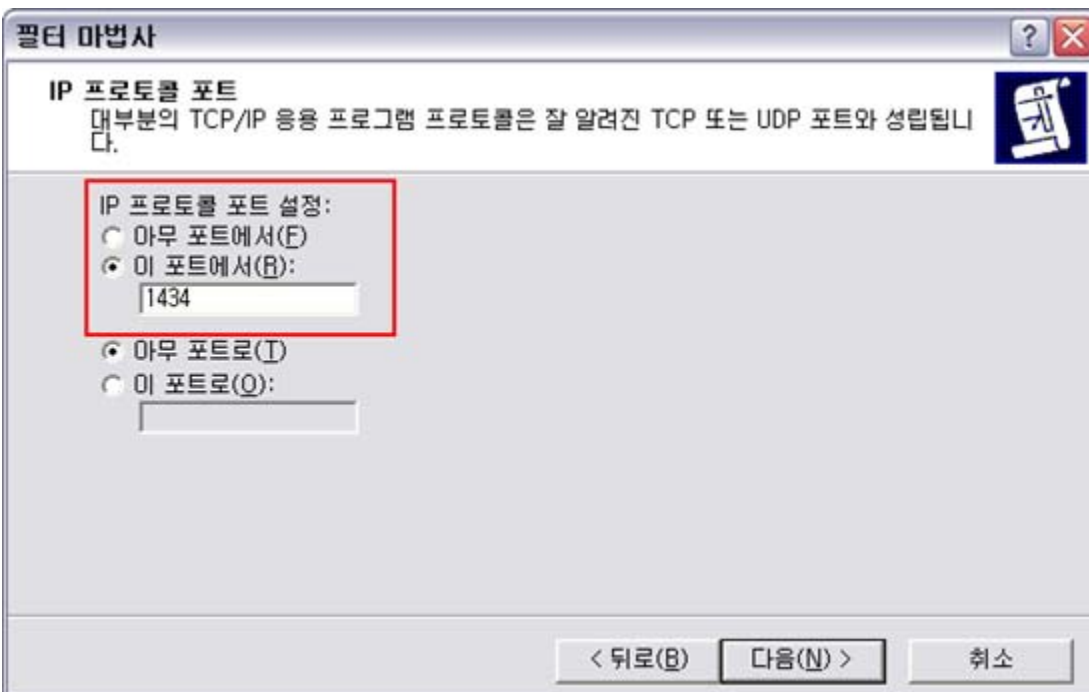
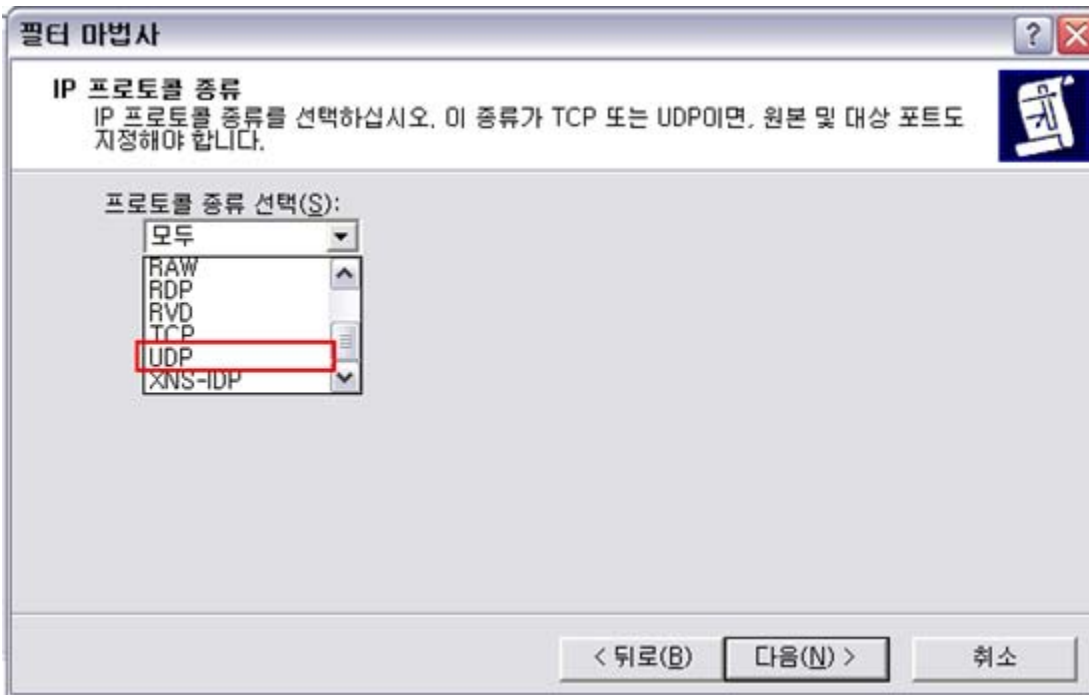


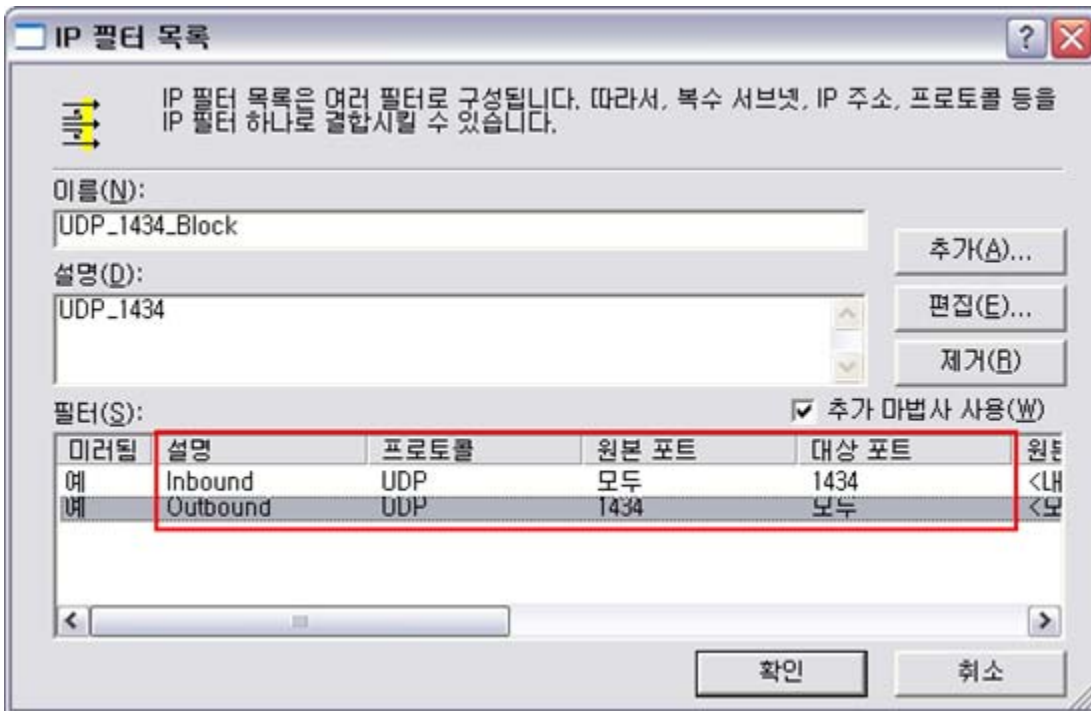
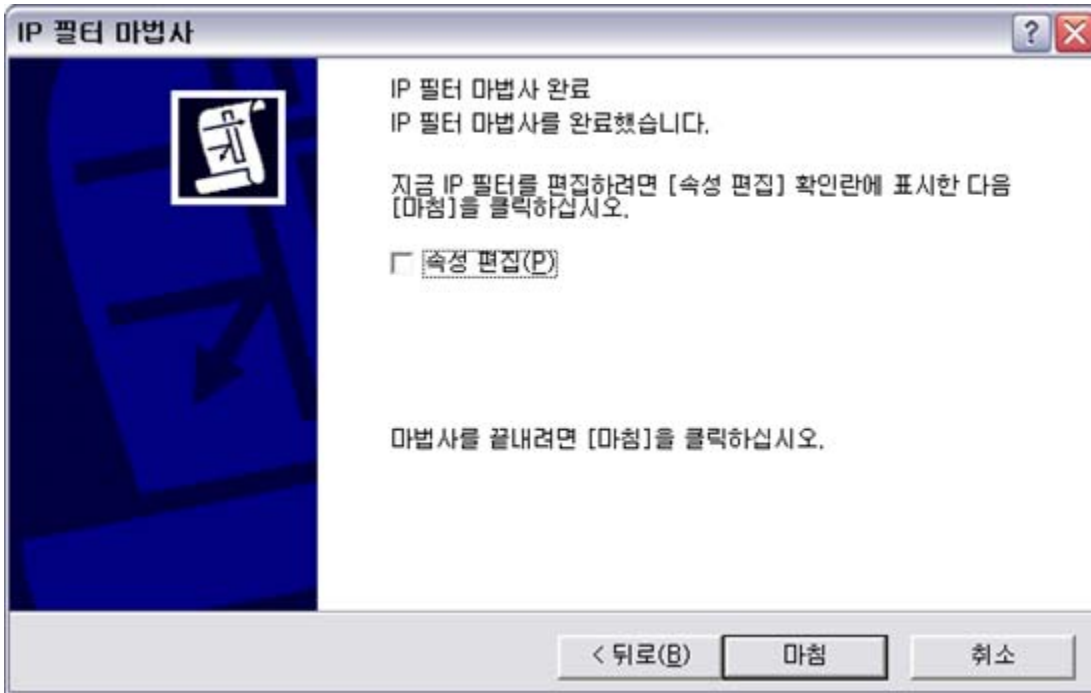
(2) IPSEC UDP 1434 Port Outbound 설정

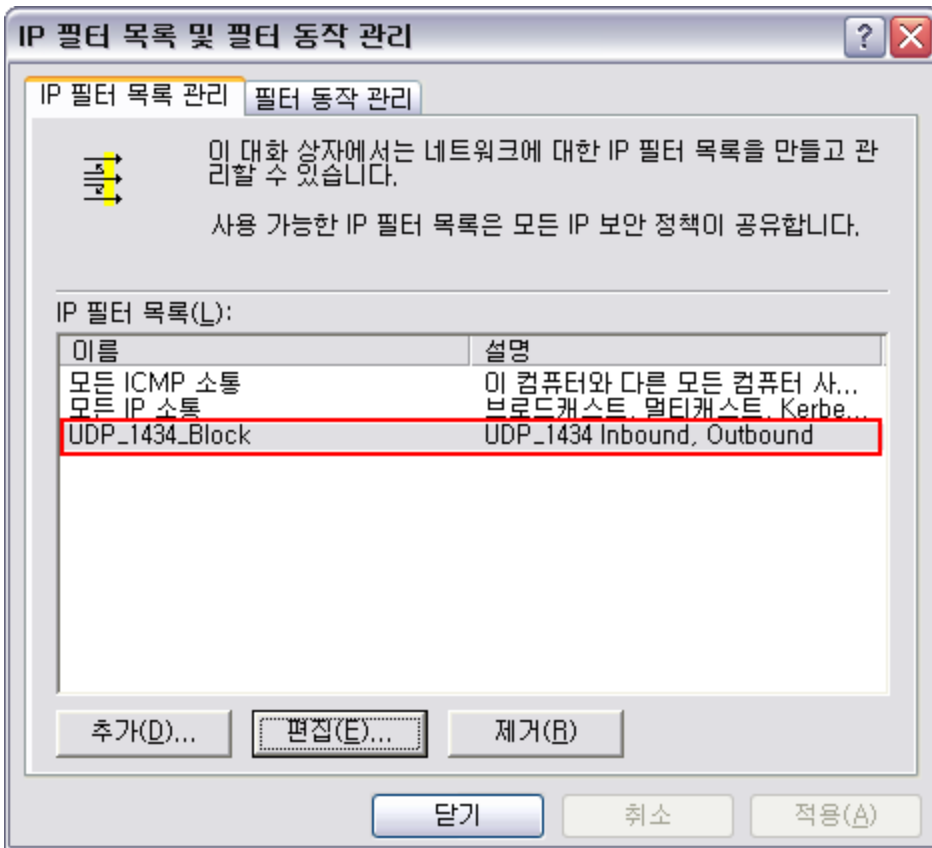
Outbound란 ? 외부로 기준으로 본인(USER)에게 들어오는 포트를 막을 때 사용된다.

Inbound를 설정 한 후 Outbound도 동시에 설정해주어야 함

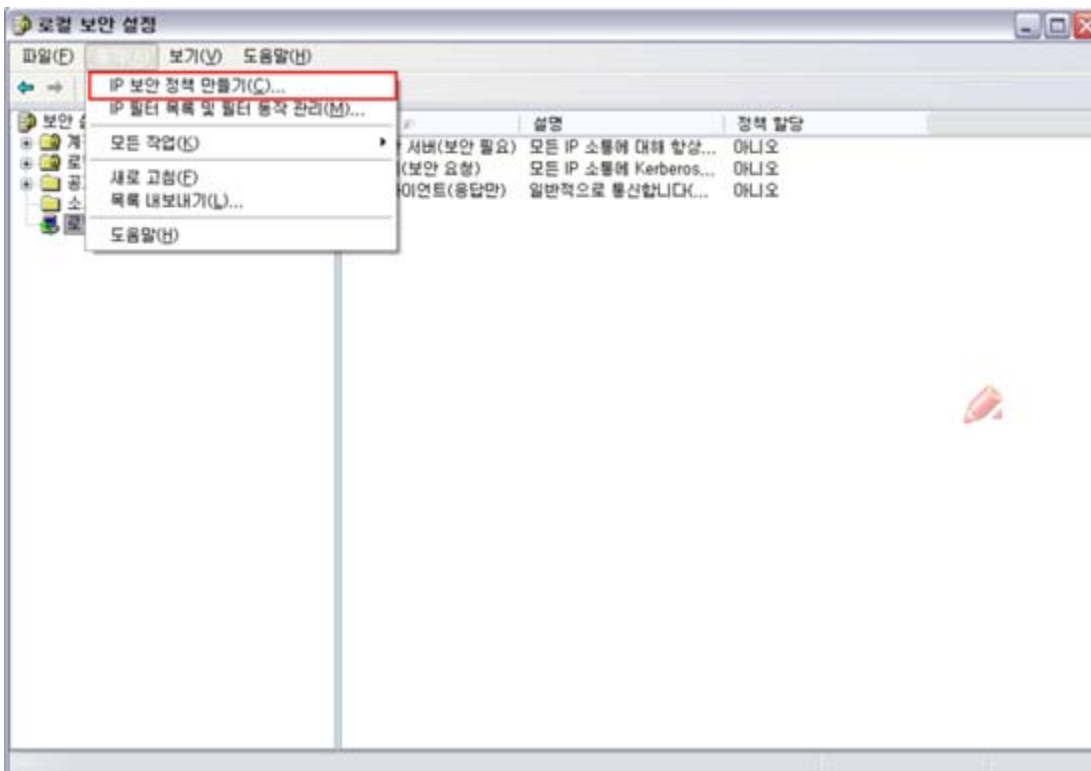


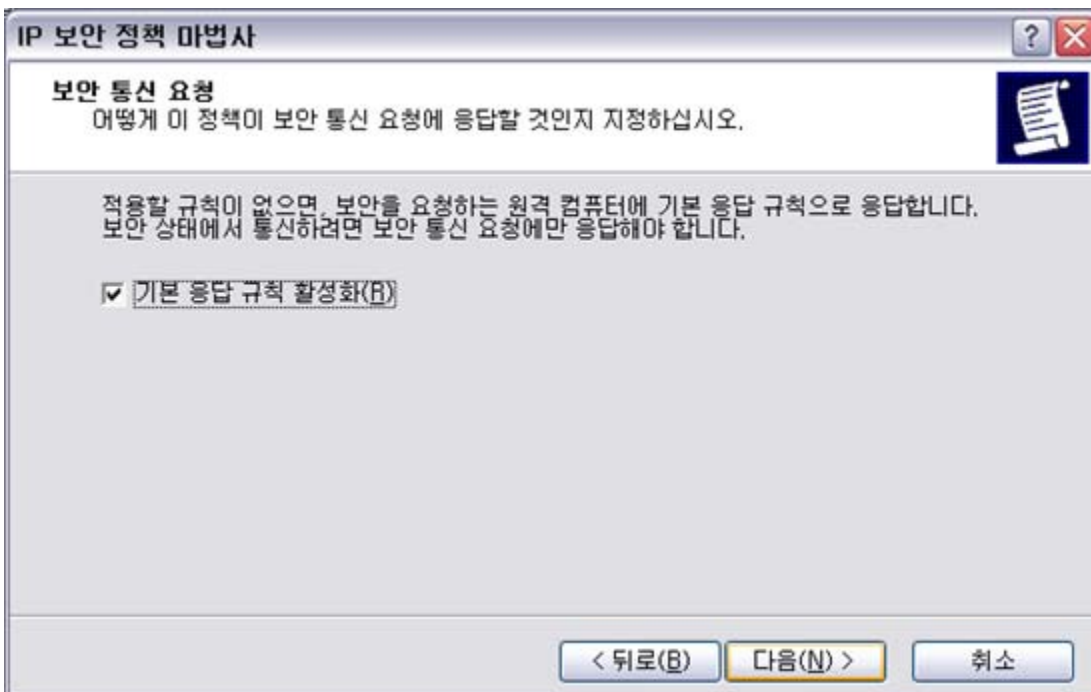
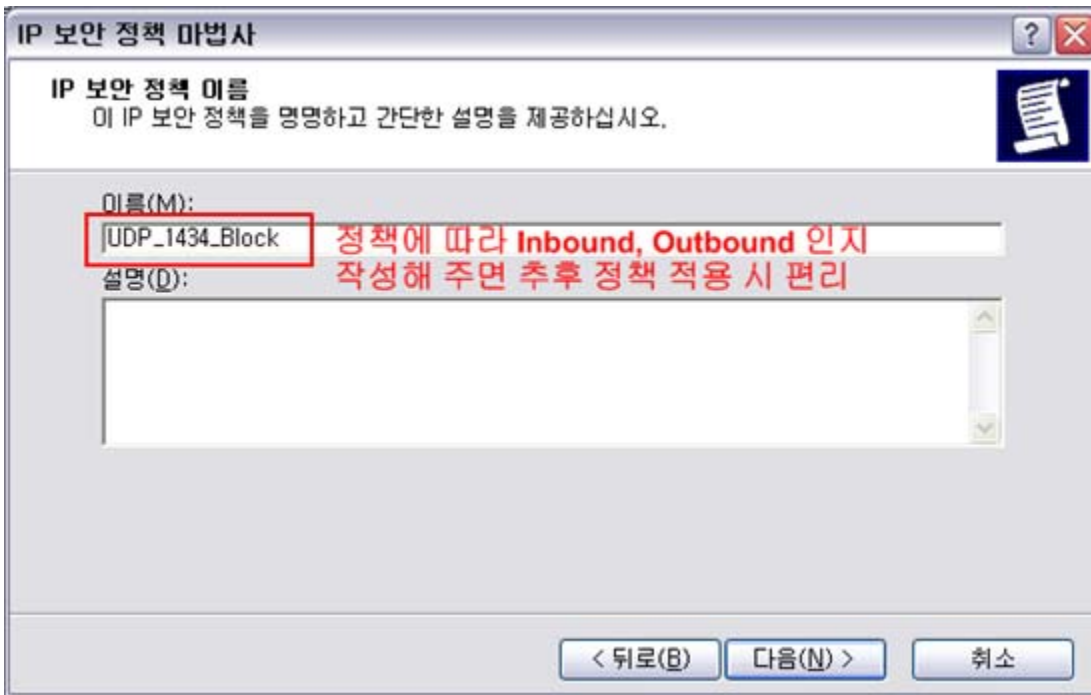


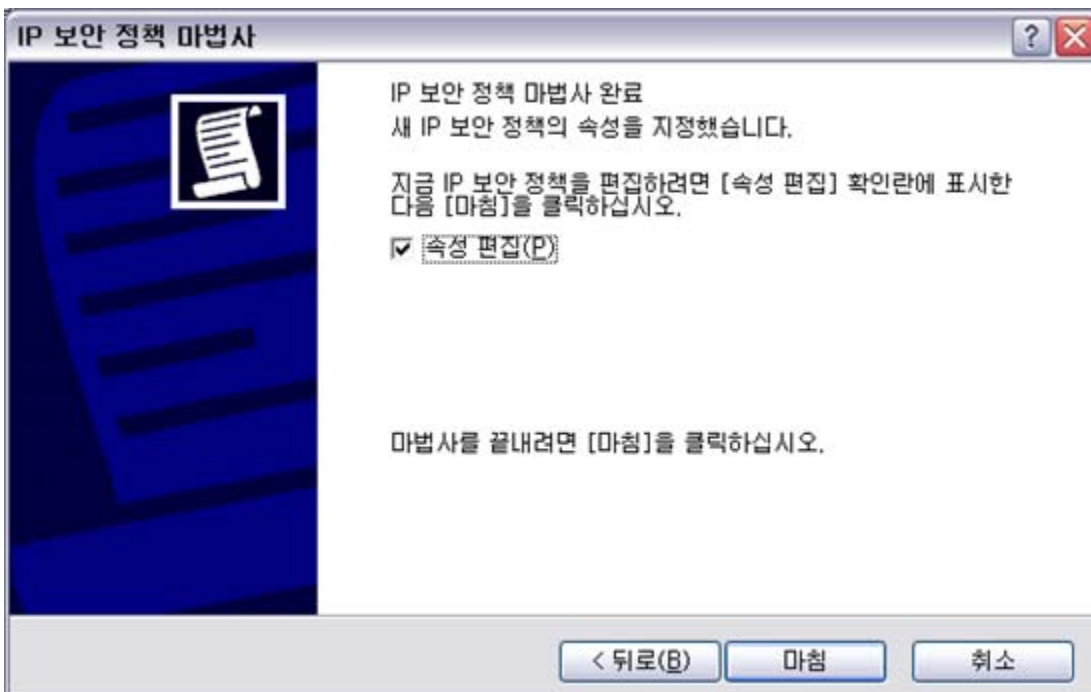
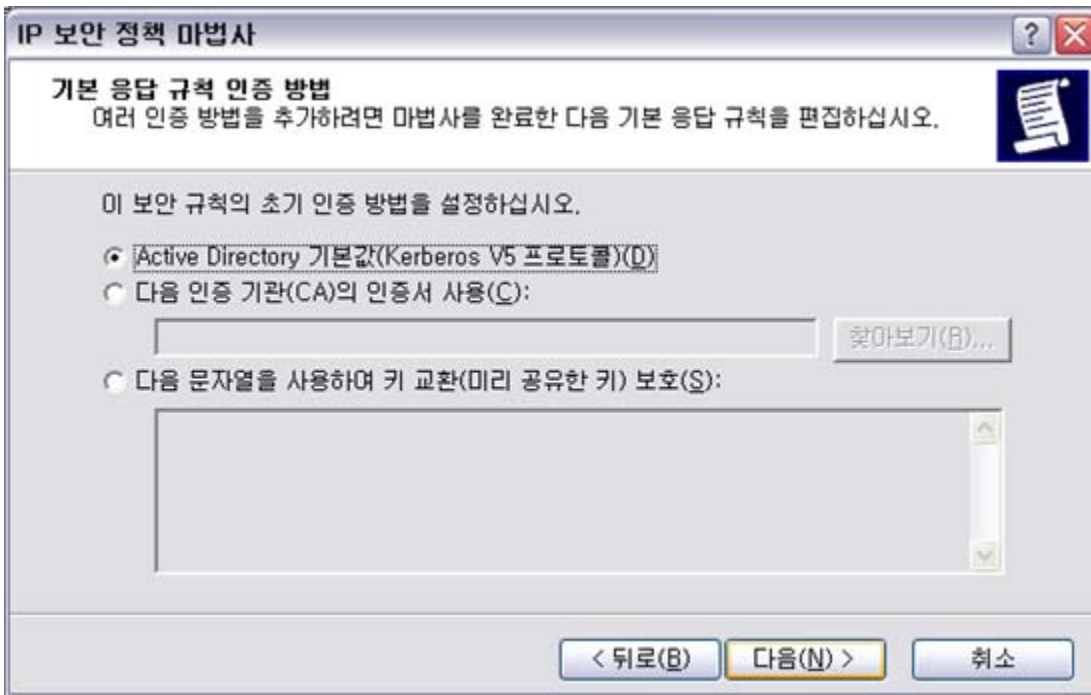


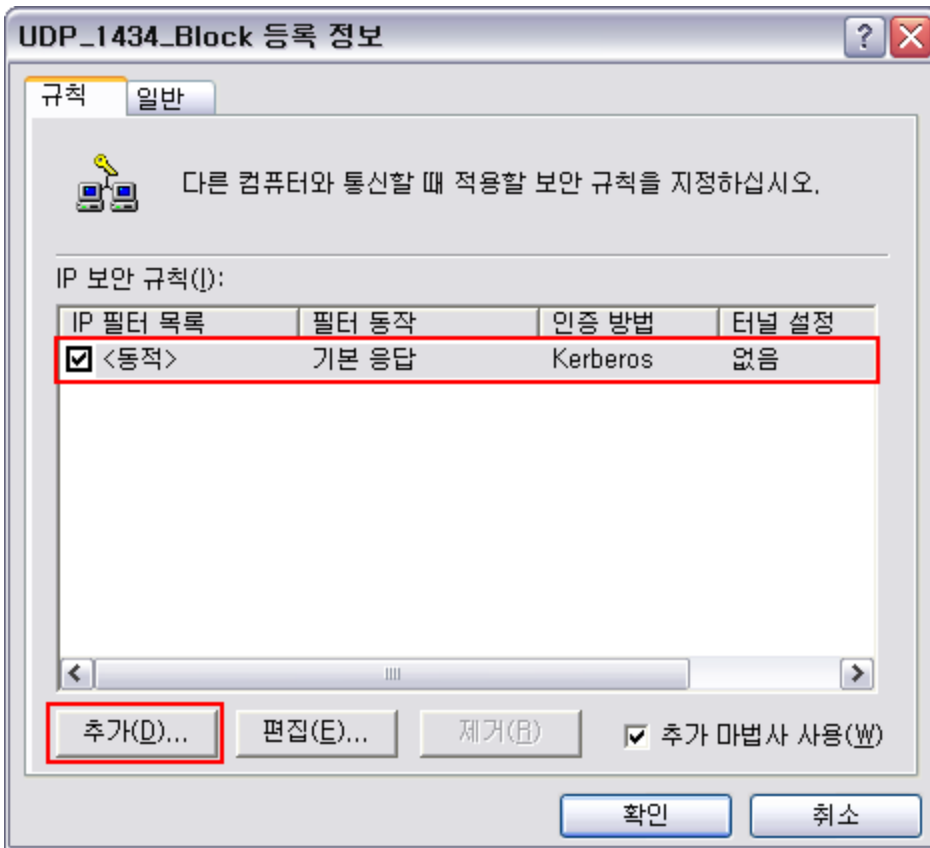


중요^^ -> 보안 정책 적용

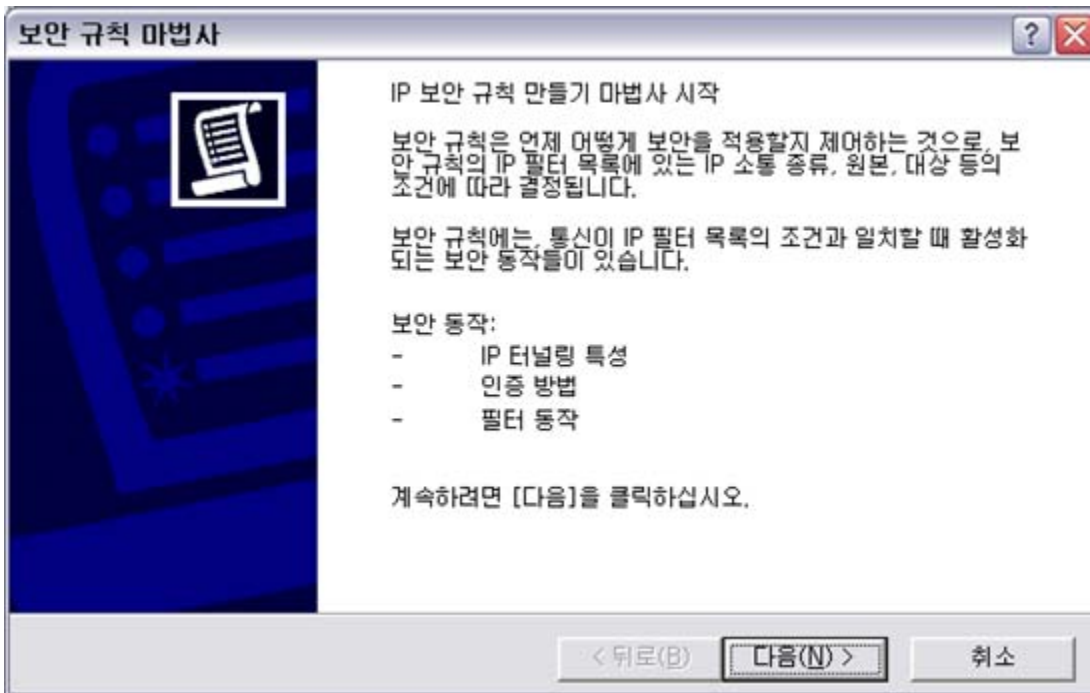


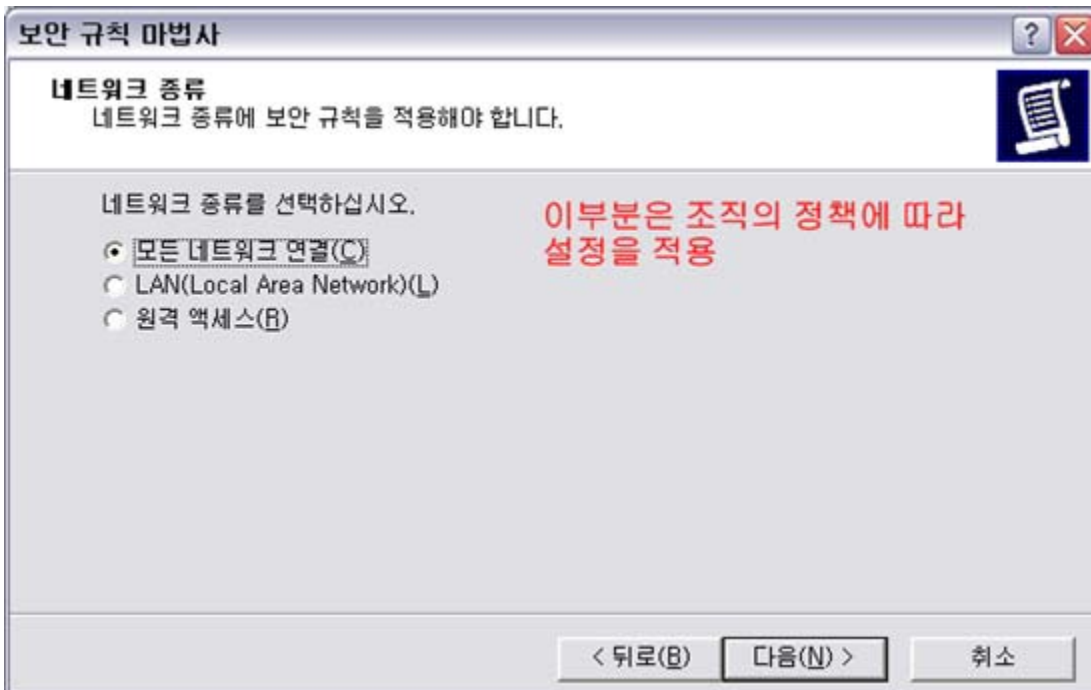
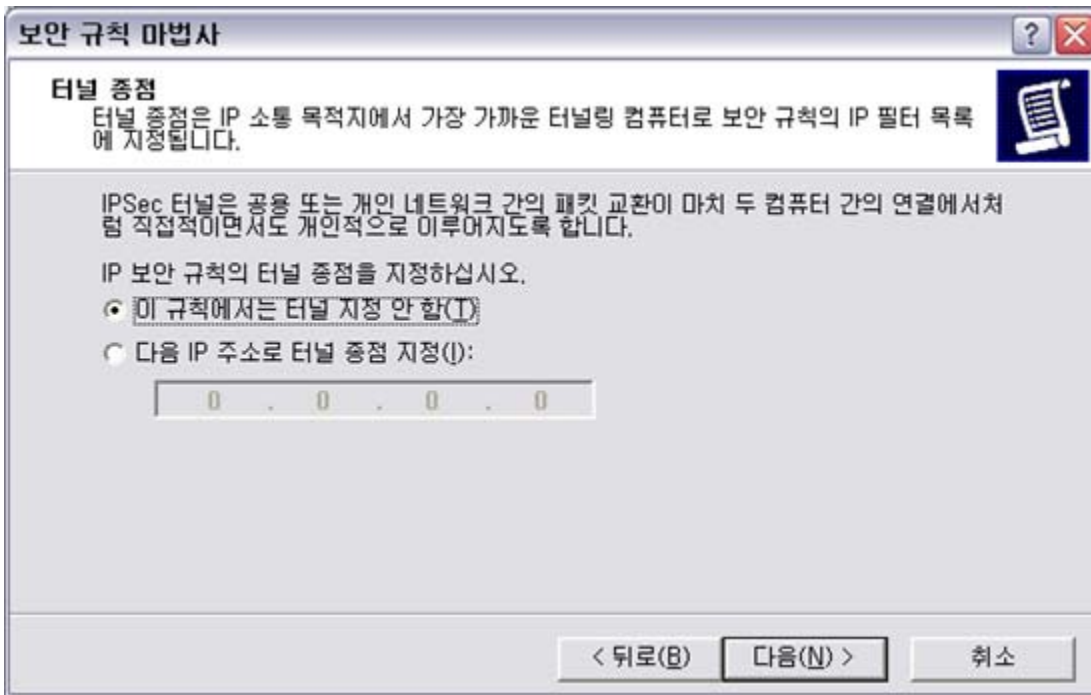


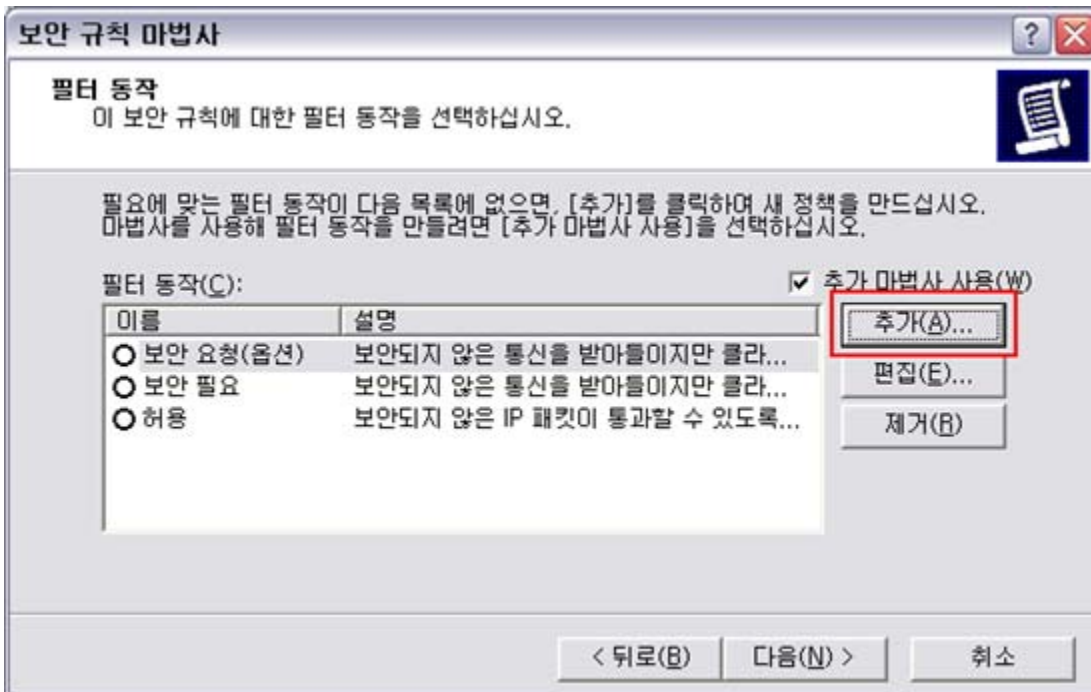
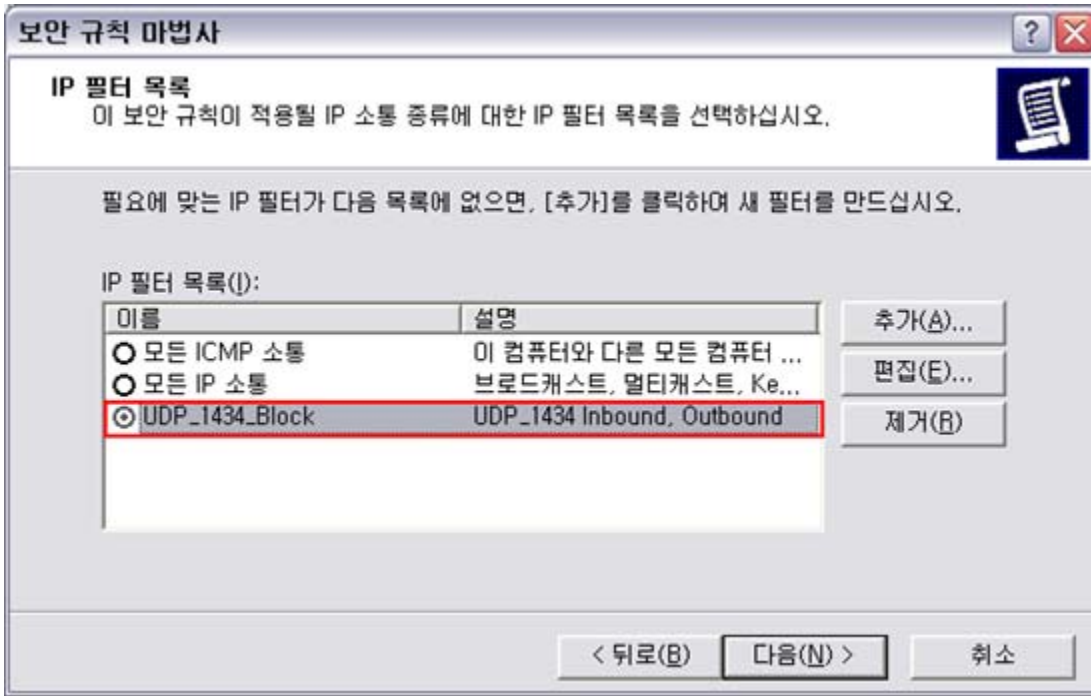




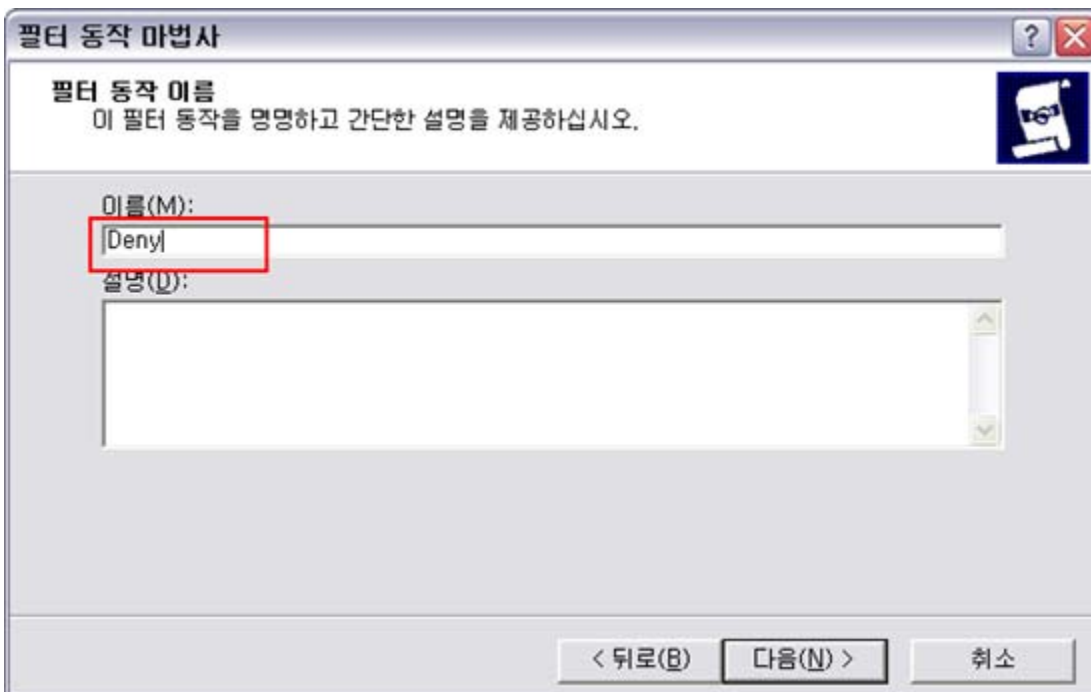
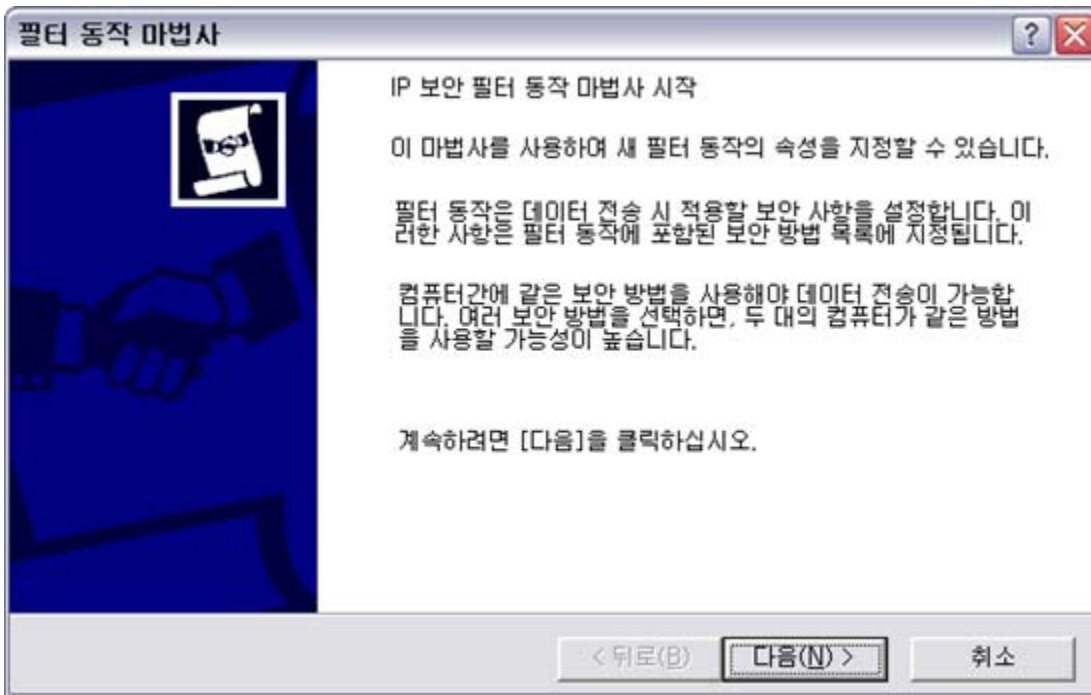
보안 규칙 설정

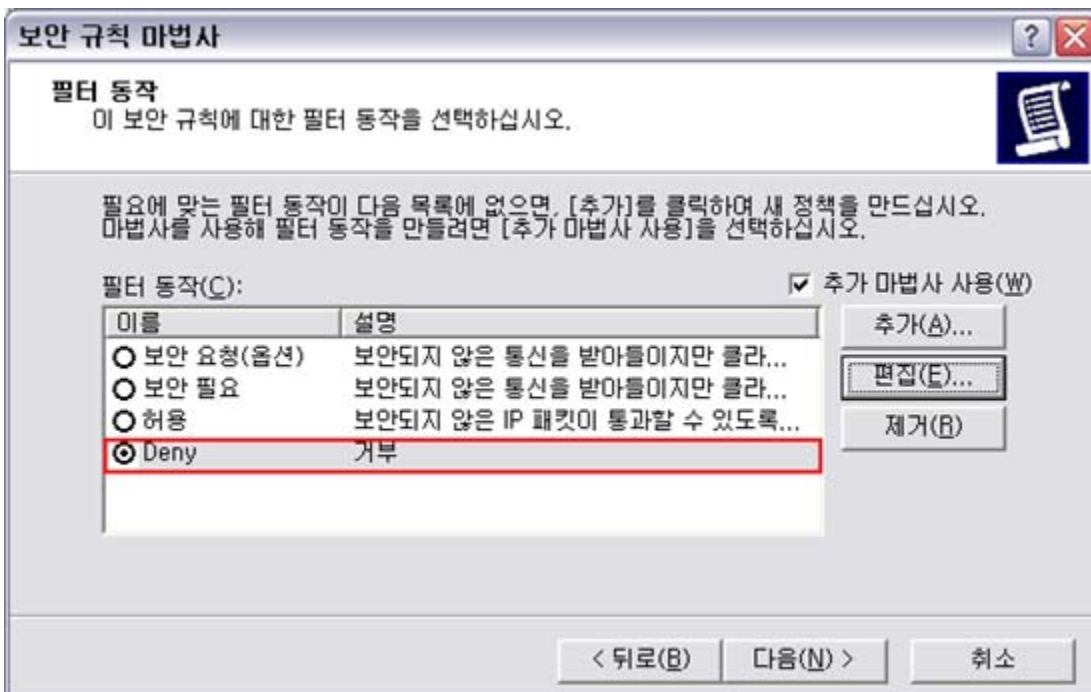
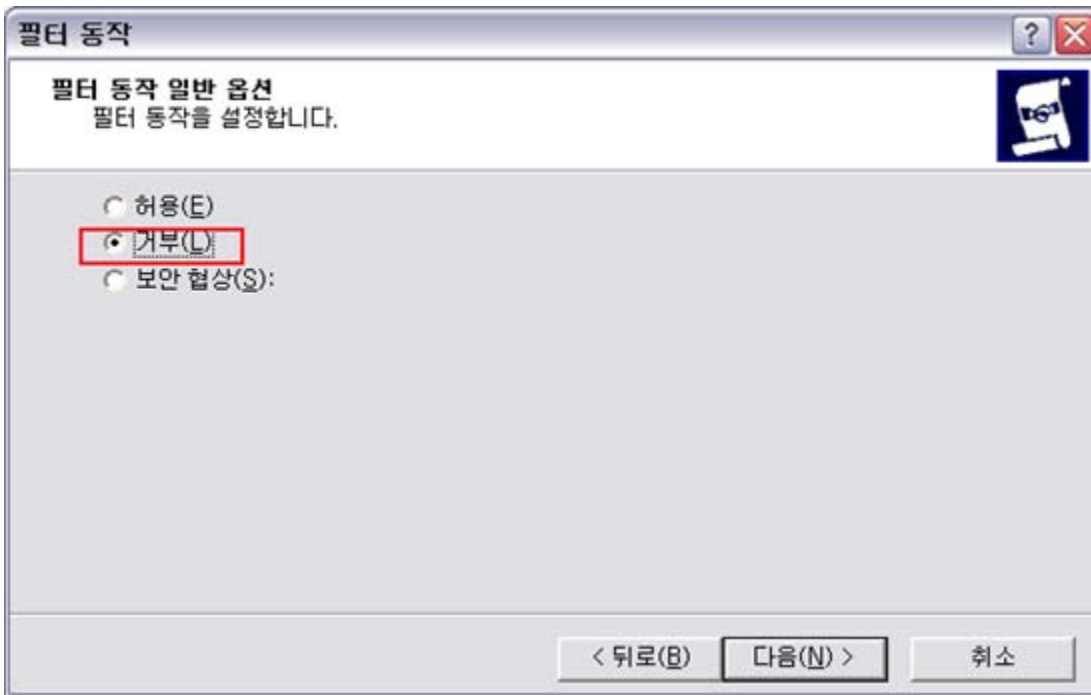


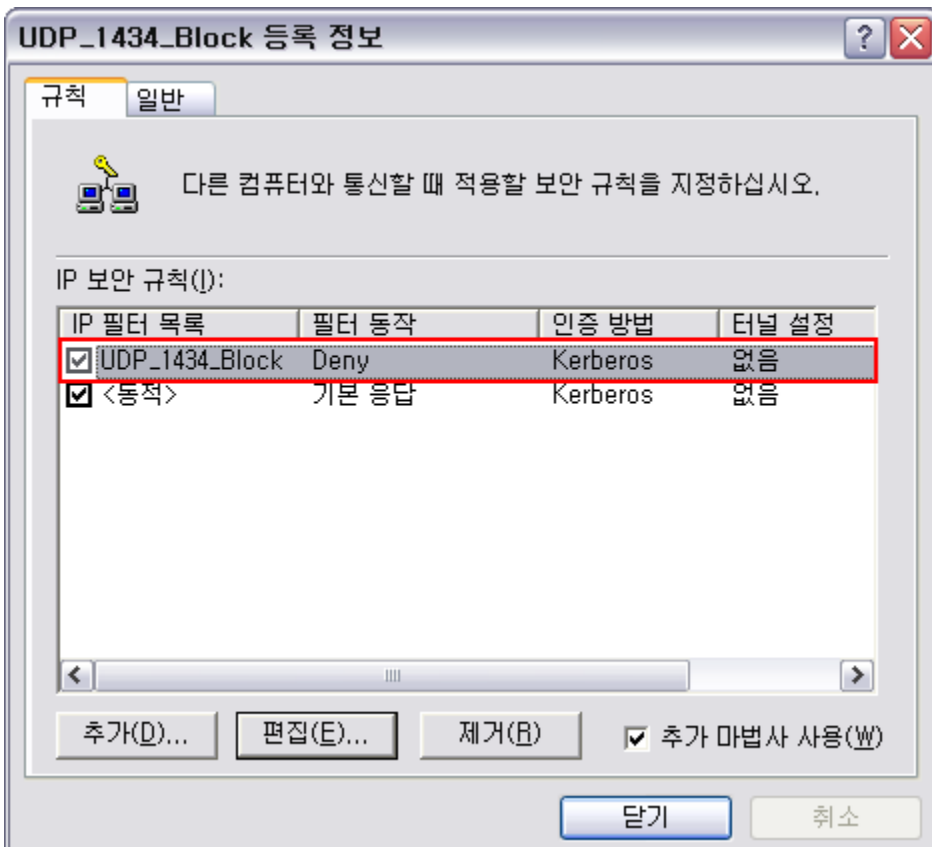
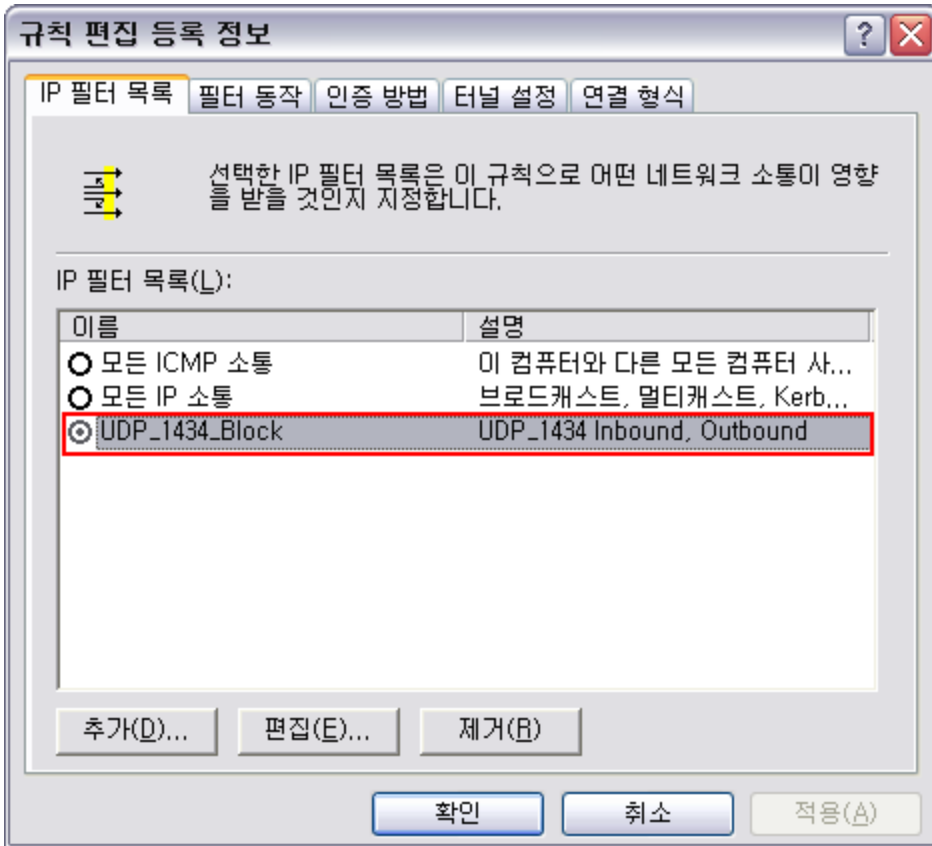




보안 요청(옵션), 보안 필요, 허용 부분은 있으나 거부가 없기 때문에 거부 목록 추가

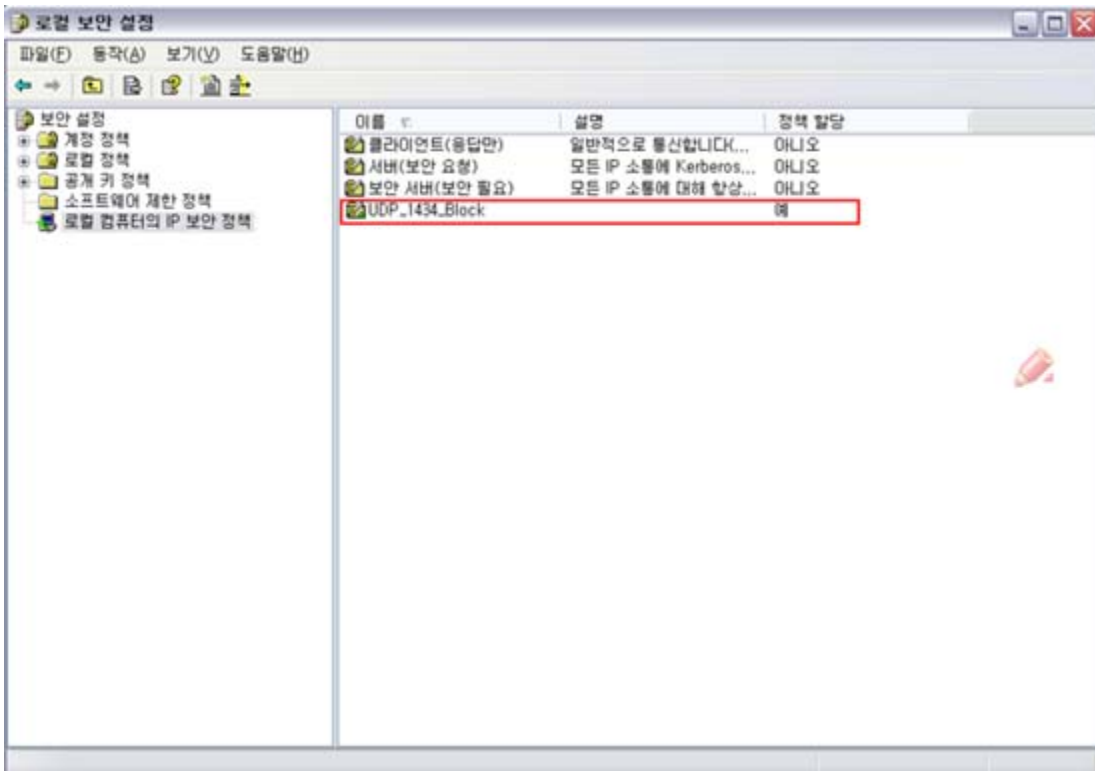
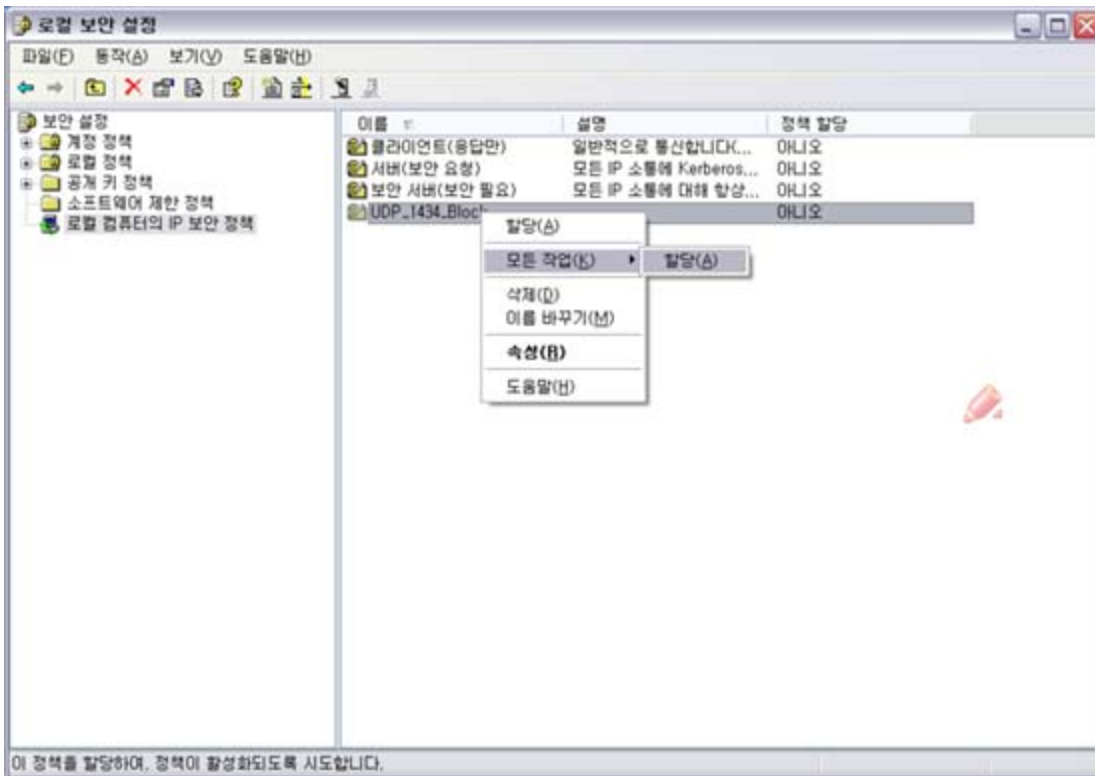






로컬 보안 설정을 보면 초기에 없었던 **UDP 1434 Block**이란 이름이 **추가된걸 확인**할 수 있다.

마우스 오른쪽을 클릭해 **모든 작업 > 할당을 클릭해주면 정책할당부분이 예로 변경하여 정책을 할당**해 준다.



신고

'자격증 > 정보보안기사' 카테고리의 다른 글

- lastlog, wtmp, last, lastb(bttmp) 명령어 (0) 2014.03.21
- Windows IPSEC 설정 방법** (0) 2014.03.21
- 리눅스 방화벽 프로그램 iptables 설정 (0) 2014.03.21
- find 명령어 옵션 (0) 2014.03.21
- 2014.03.05

/etc/fstab 설정 및 옵션 (1)

라우터 시뮬레이터 프로그램 (0)

2014.03.05

Posted by 하이주니

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