# Active Directory, DNS, DHCP :

Windows Server 2012

(전부 인터넷 연결없이 가능)

## AD PART:

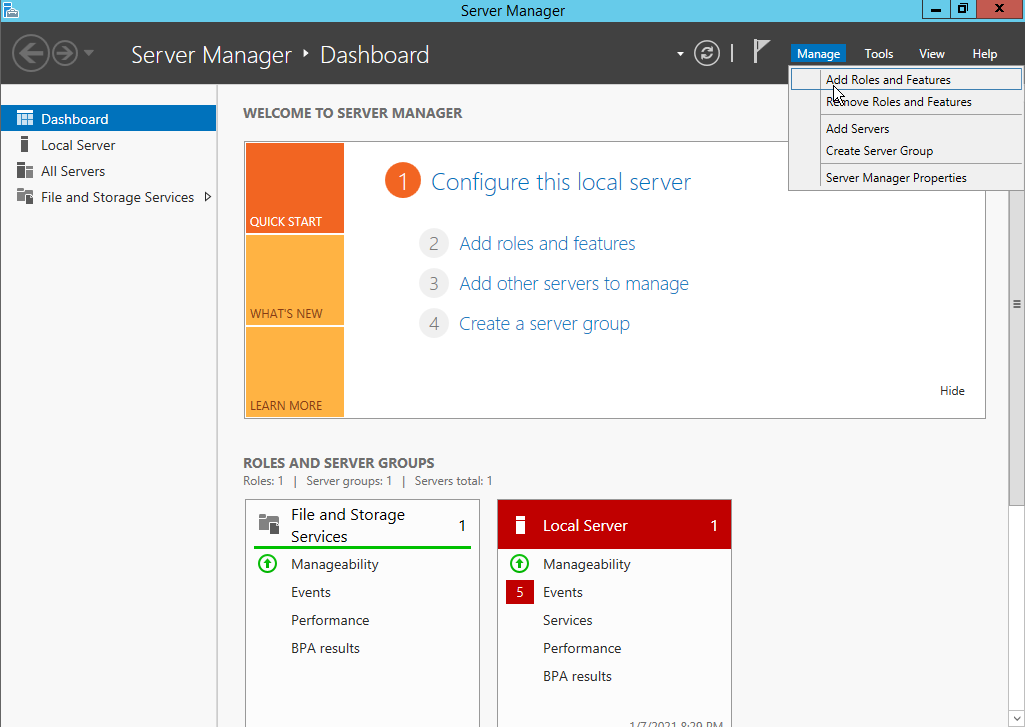
### 마스터 컴퓨터 : 서울

IP : 1.1.1.13/24

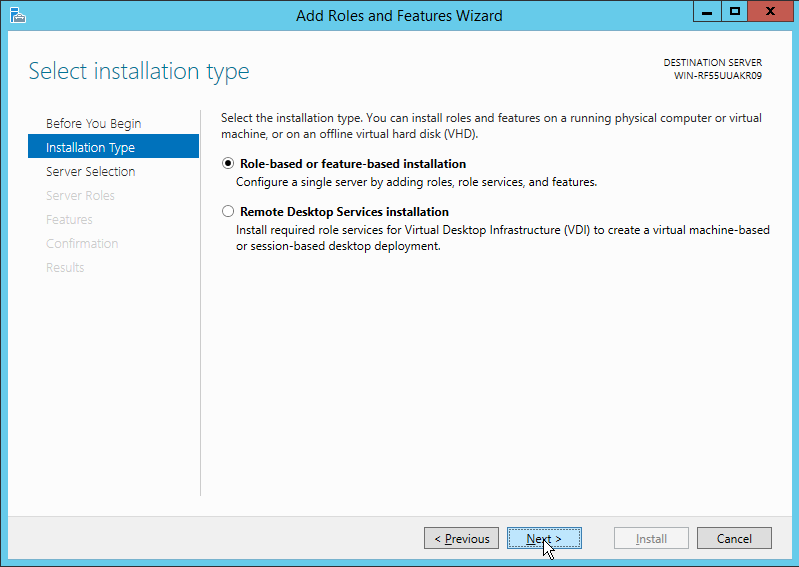
PASSWORD : P@ssw0rd1

Hostname : company.com

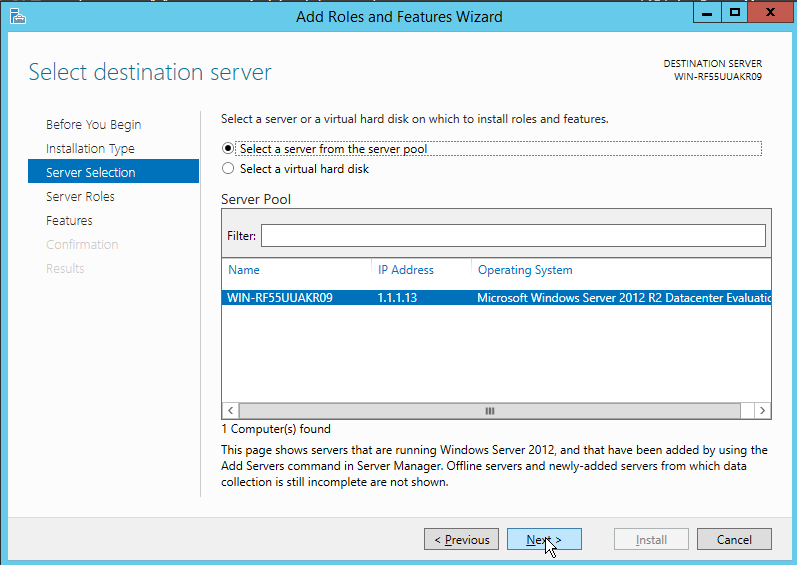
seoul.company.com



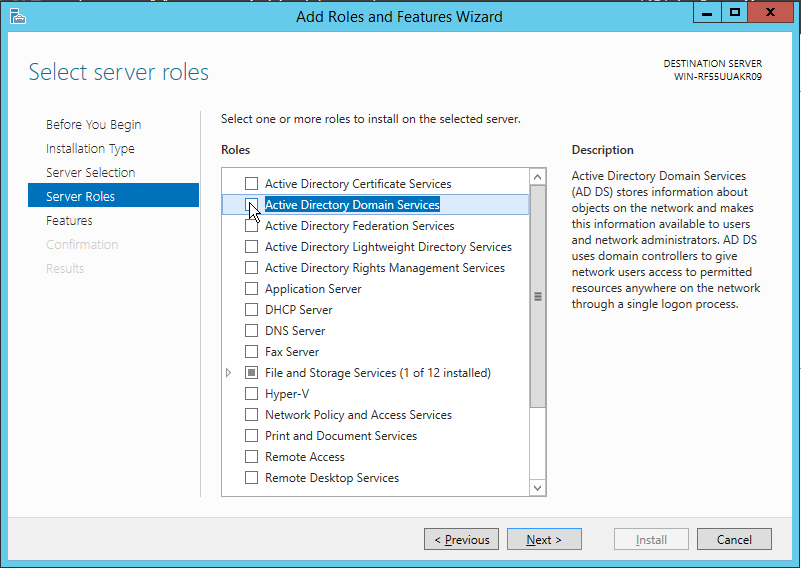
* 서버 관리자를 열어서 Manage -> Add Roles and Features 를 클릭



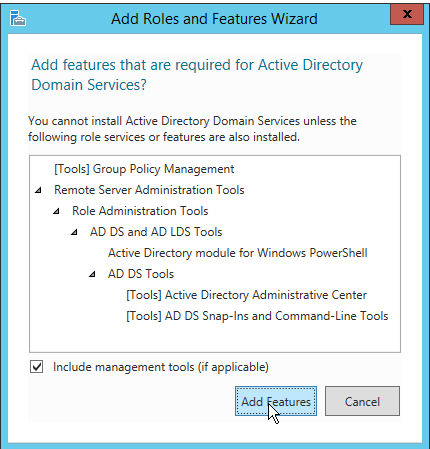
* Next 클릭.



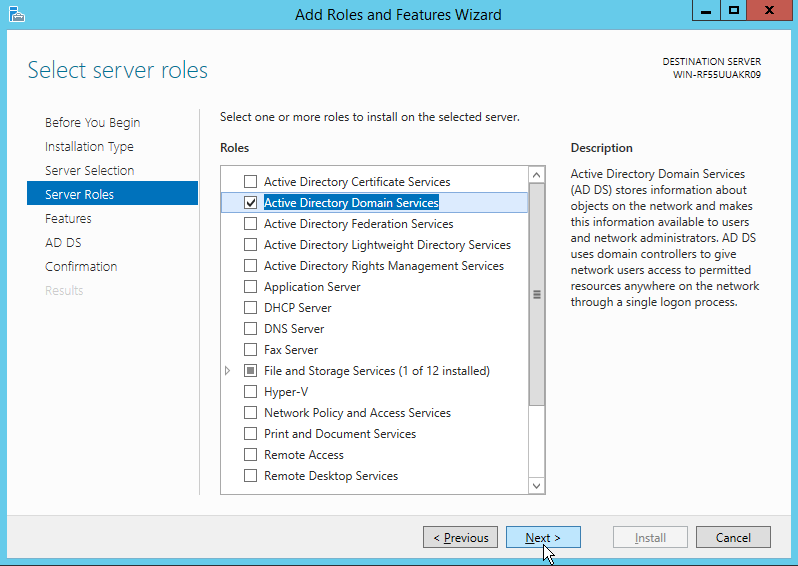
* Next 를 누른다.



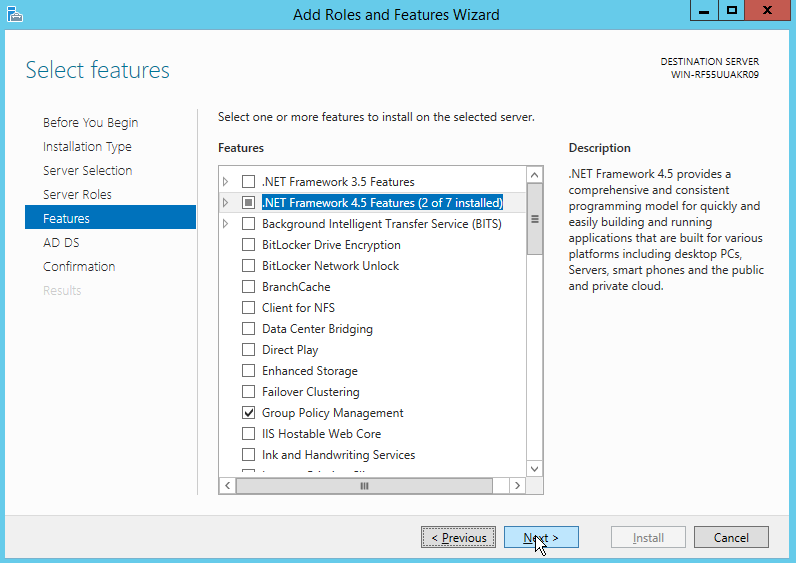
* 서버 역할을 Active Directory Domain Services 를 선택



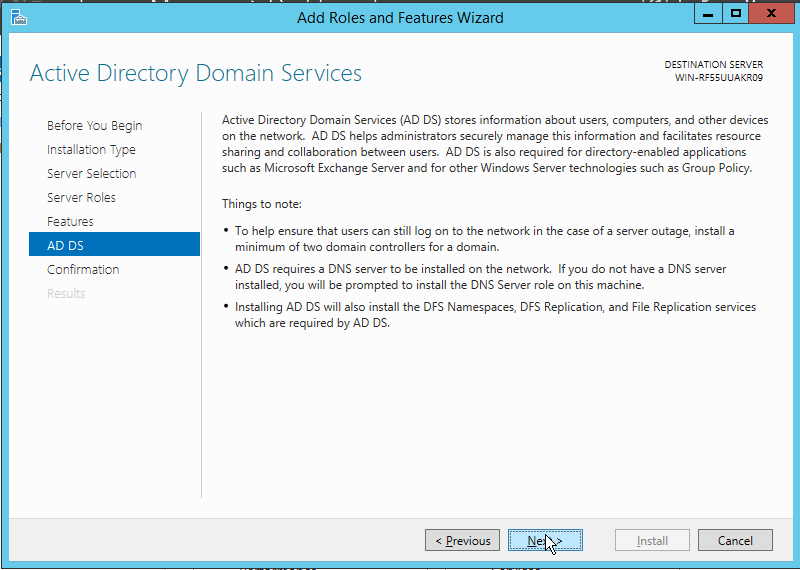
* Add Features 를 클릭



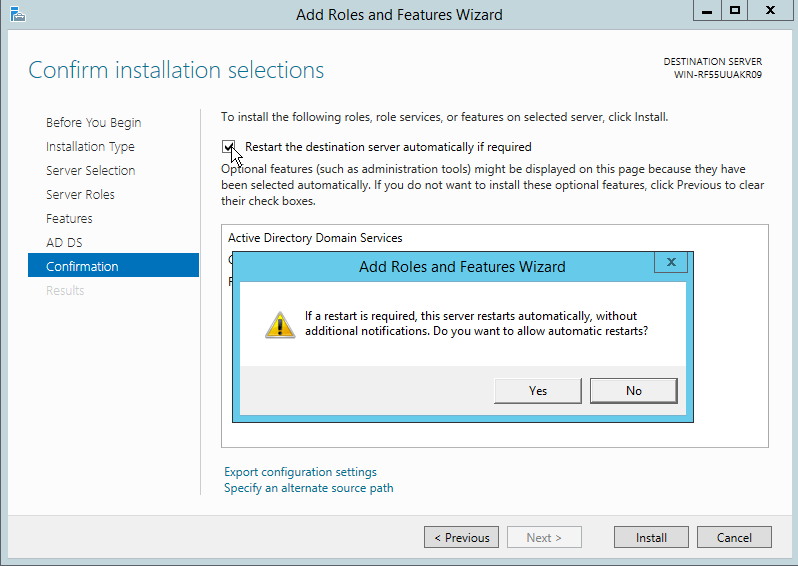
* Next 클릭



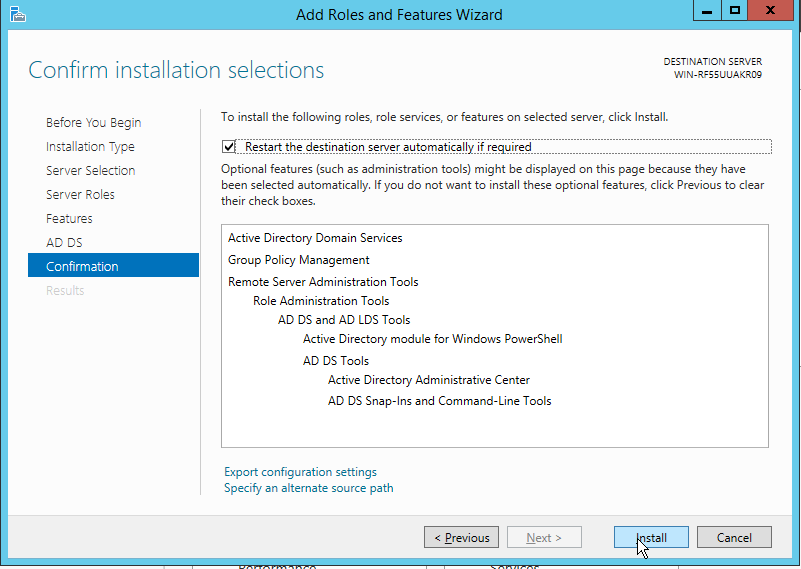
* Next 클릭



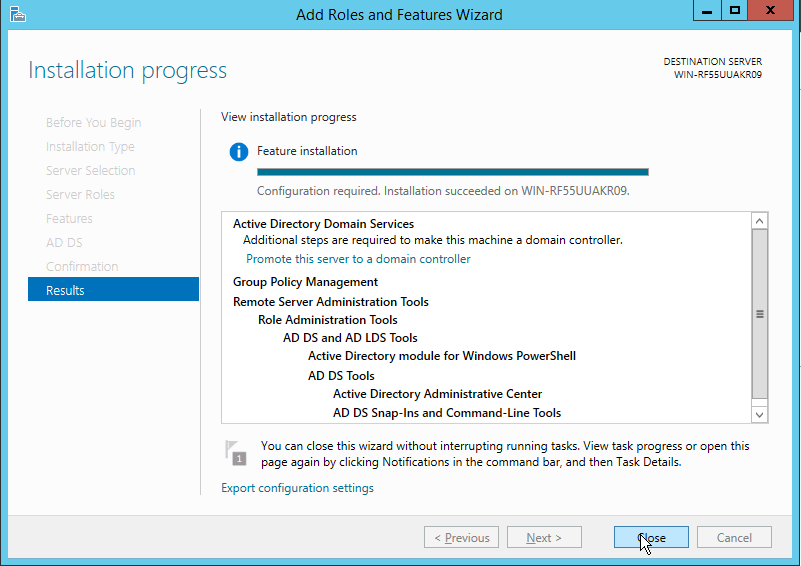
* Next 클릭



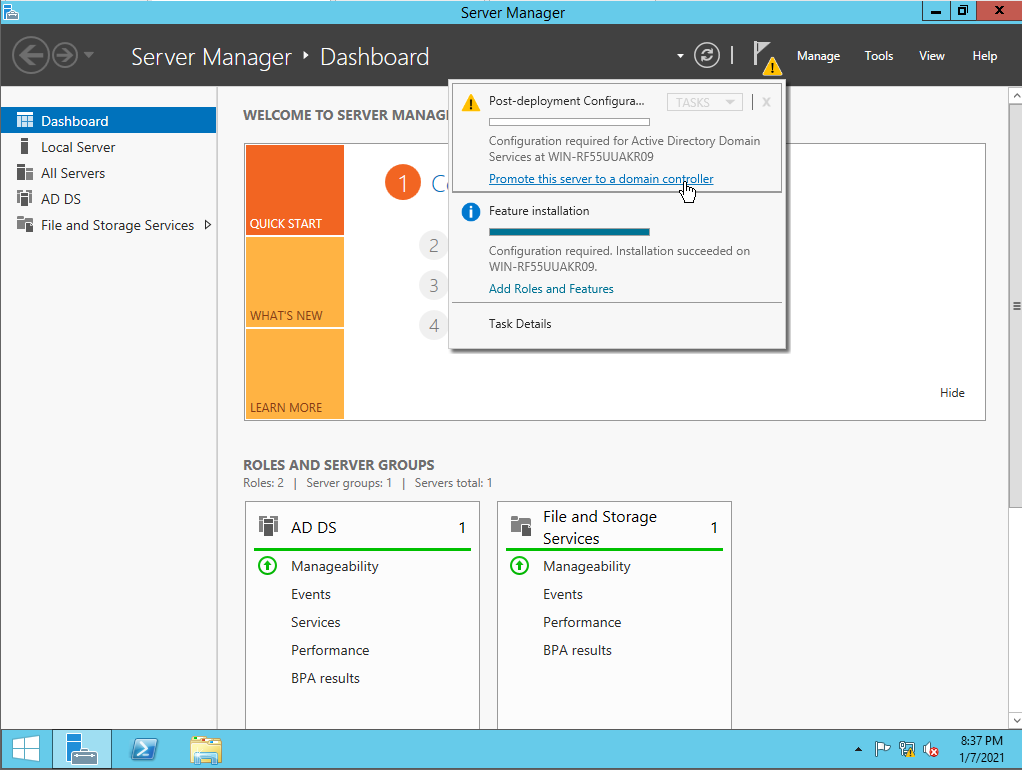
* 설치 완료 후 자동 재시작하도록 설정



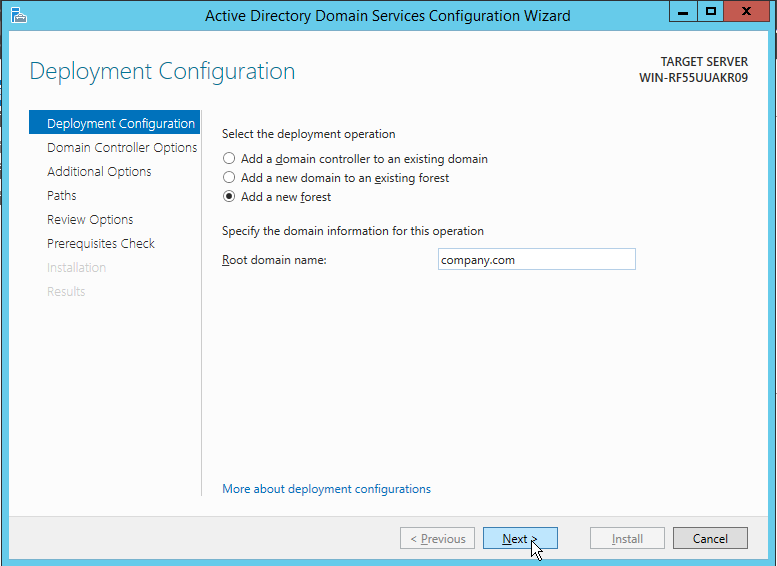
* Install 을 클릭하여 설치



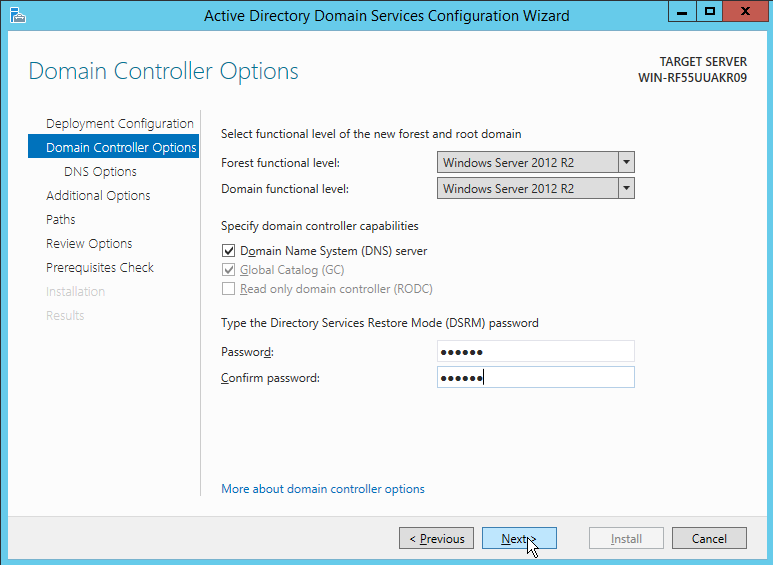
* Close 클릭



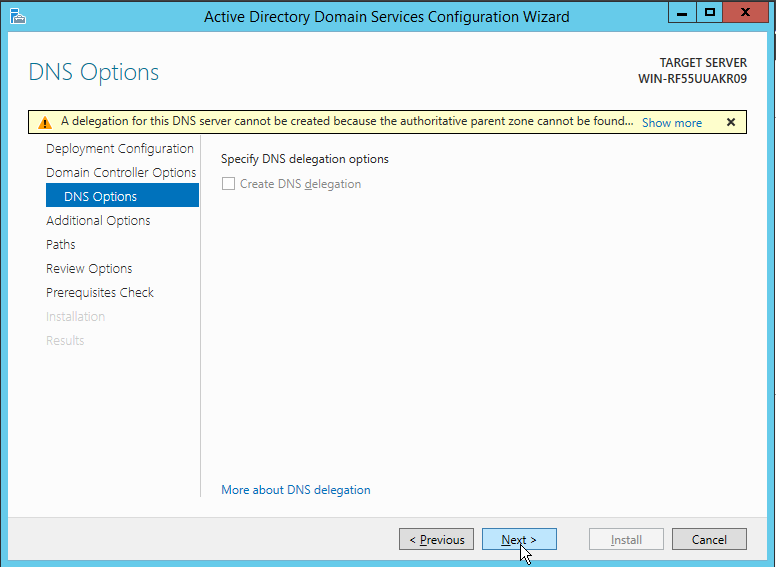
* 깃발 아이콘을 눌러서 Promote this server to a domain controller 를 클릭



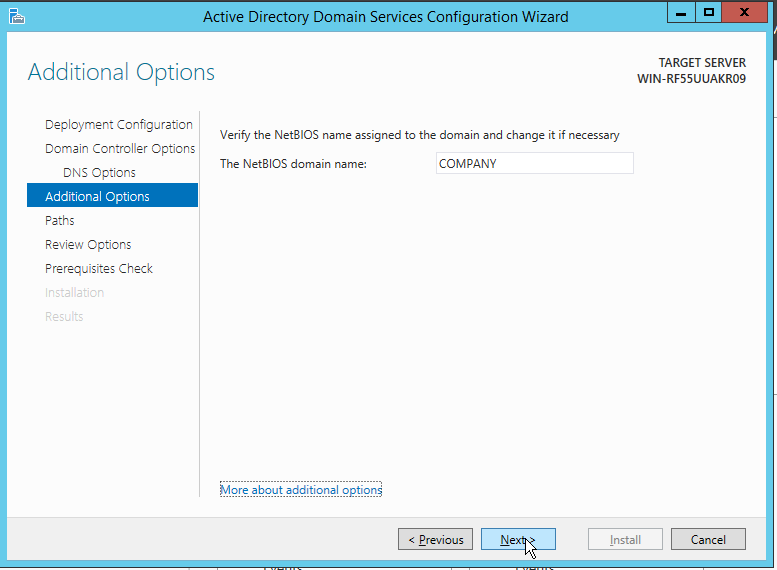
* 서울 지사가 forest의 시작점이기 때문에 Add a new forest, 새로운 포레스트를 생성



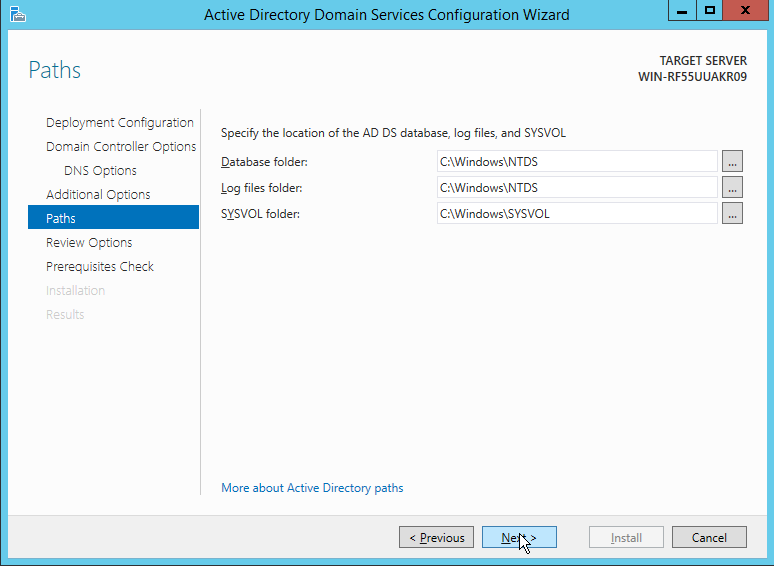
* 서울 지사용 DNS를 자동으로 같이 생성, Next 클릭



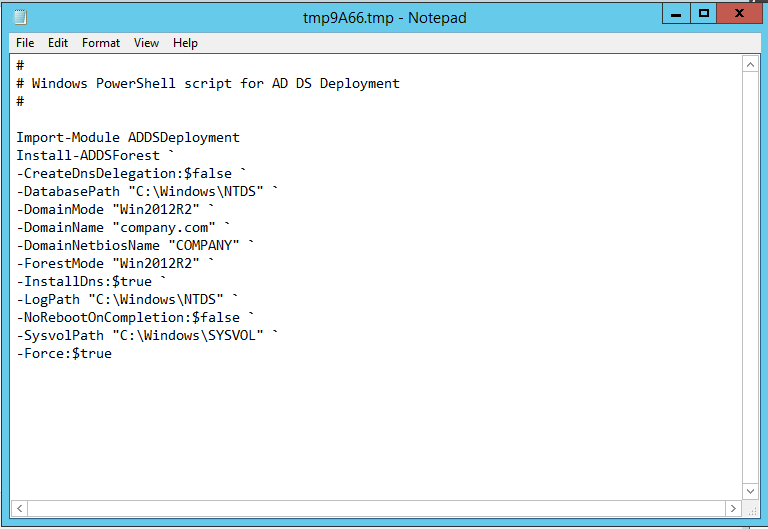
* Next 클릭

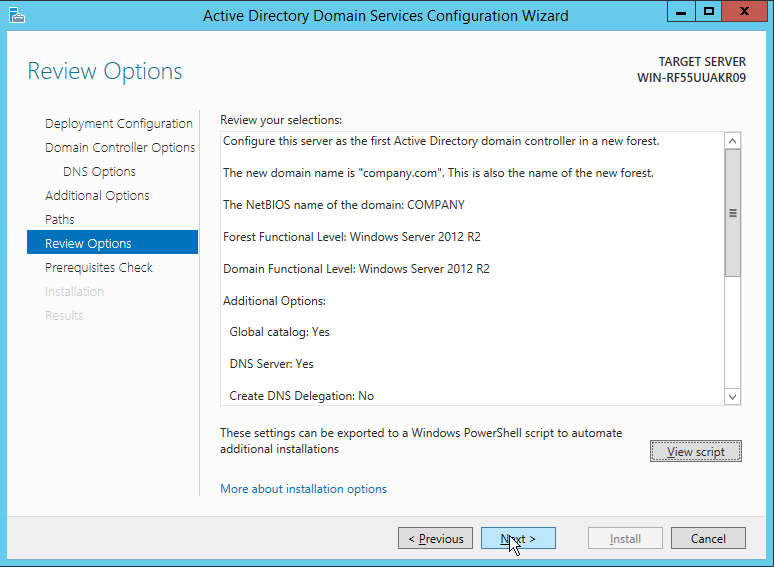


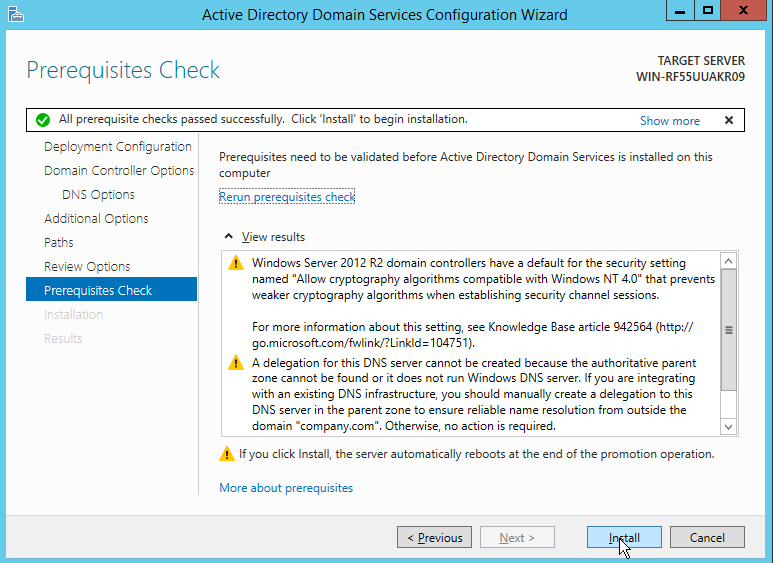
* 잠시 기다리면 NetBIOS 도메인 이름을 자동으로 할당해준다. Next 클릭

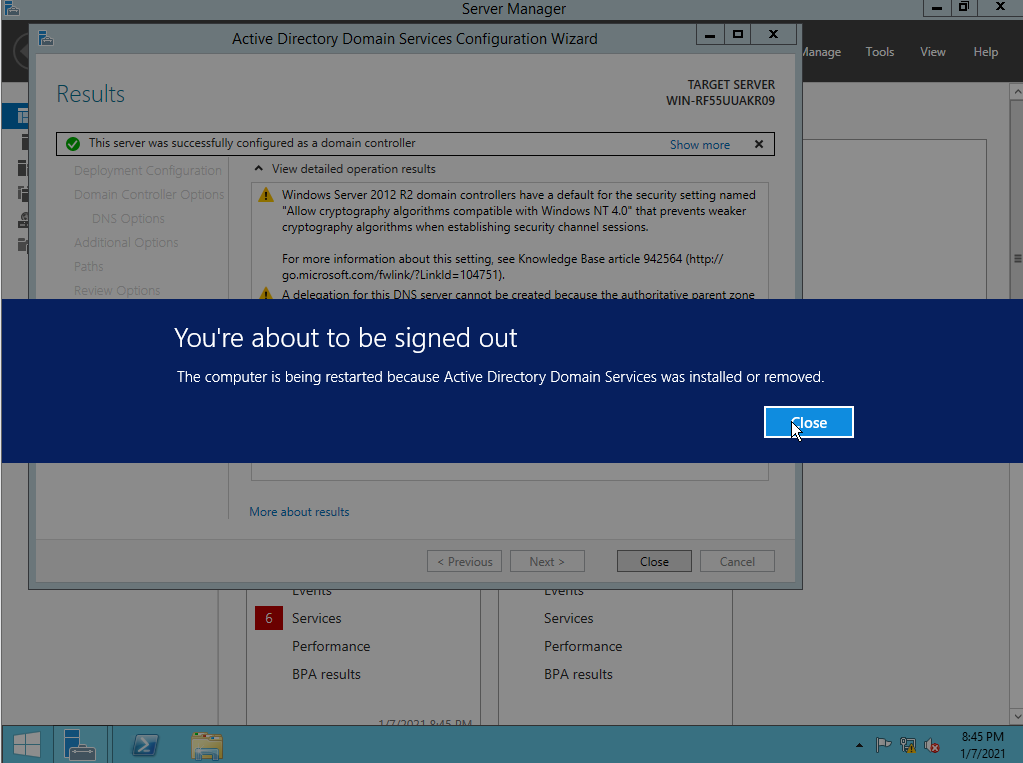


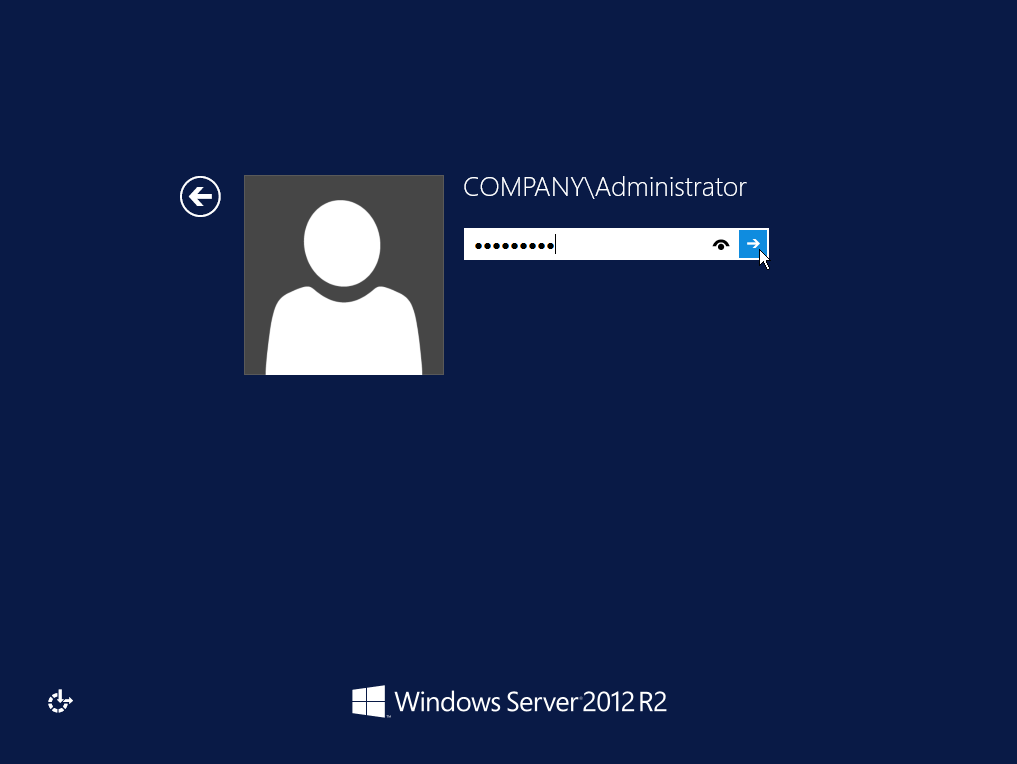
* 경로 지정 후 Next 클릭

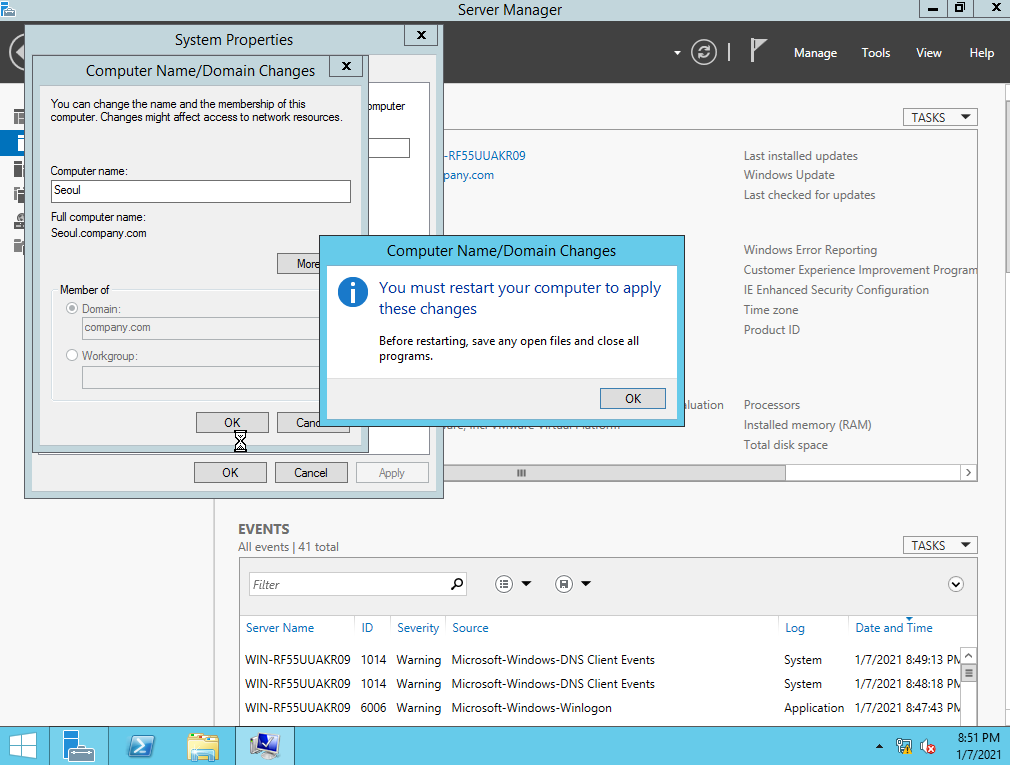
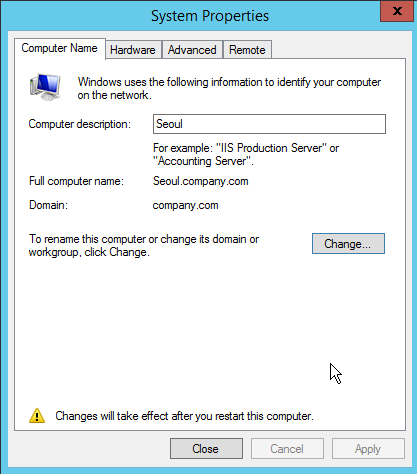




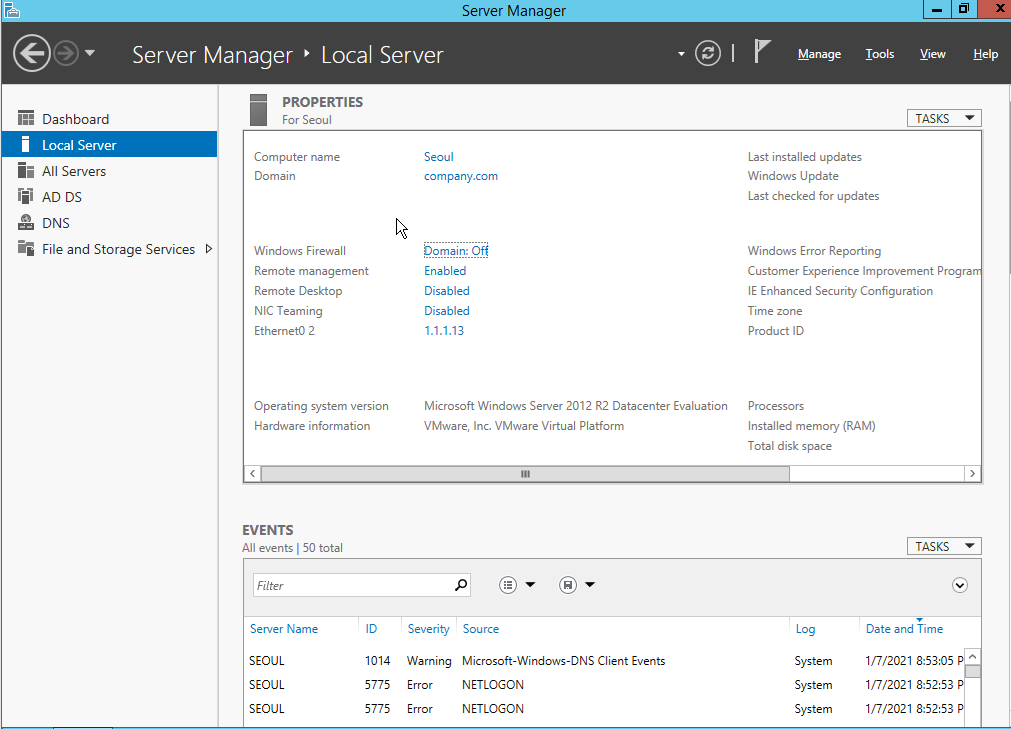












### 자식 도메인1 : 유럽

(대륙 AD 만들 때 참고)

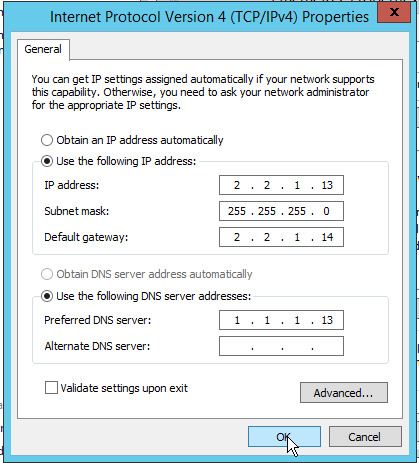
나라 : 스위스

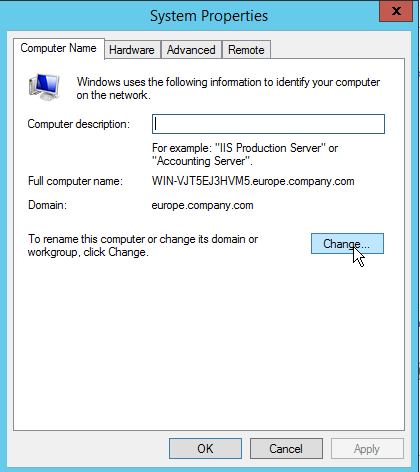
IP : 2.2.1.13/24

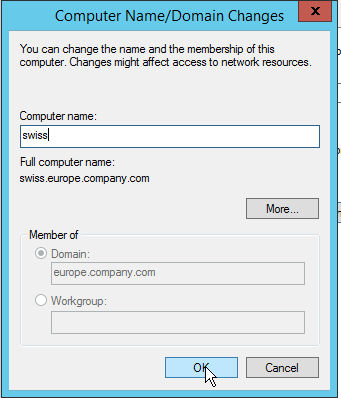
PASSWORD : P@ssw0rd3

Hostname : europe.company.com

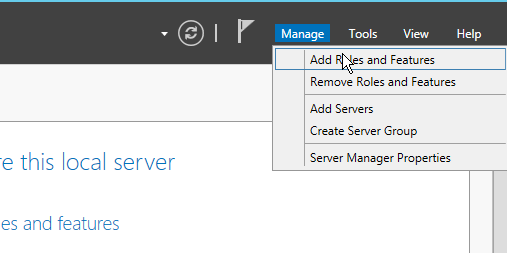
swiss.europe.company.com

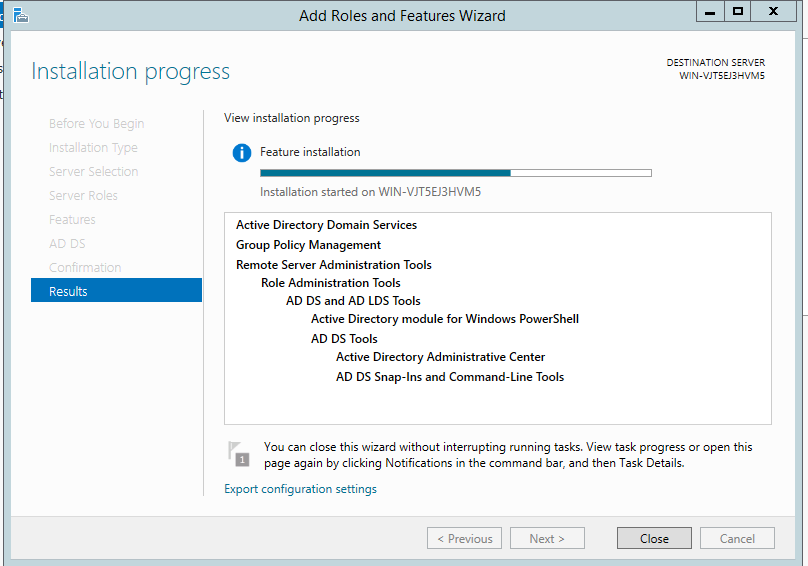


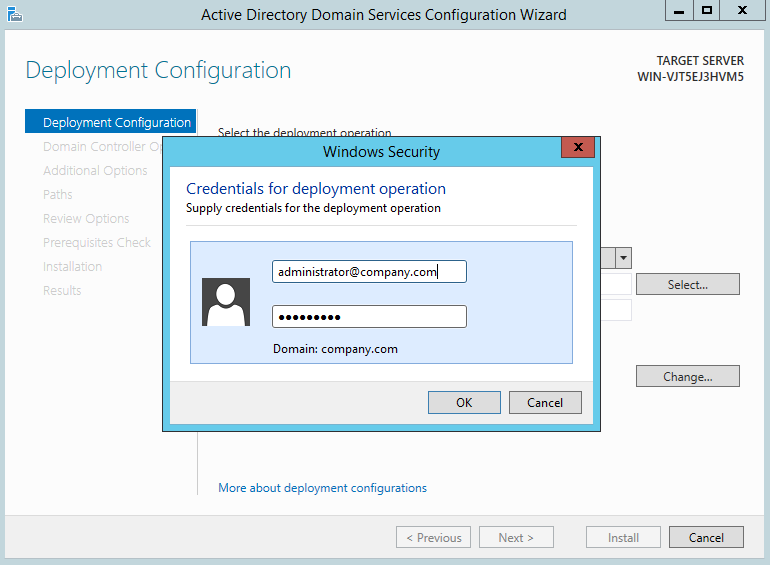


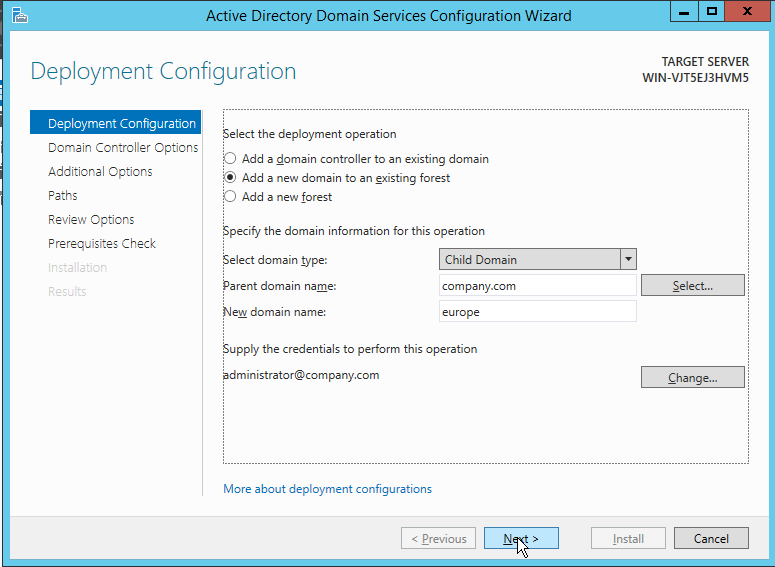


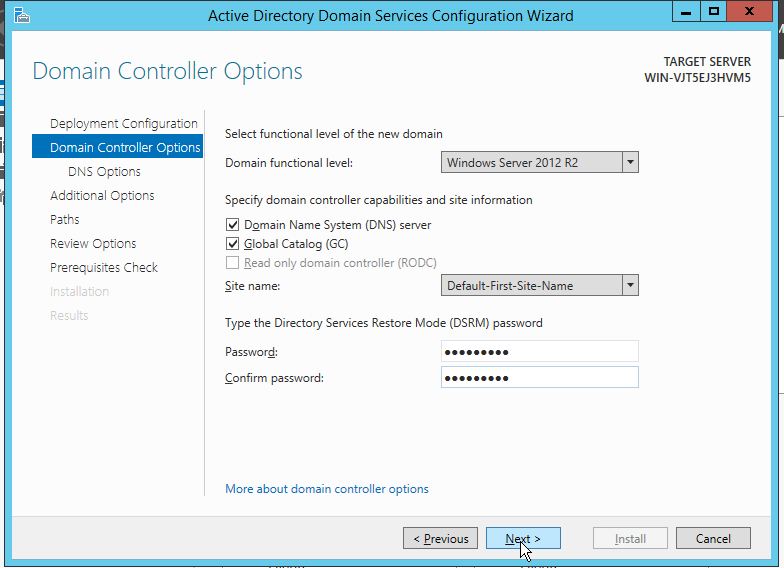
재부팅

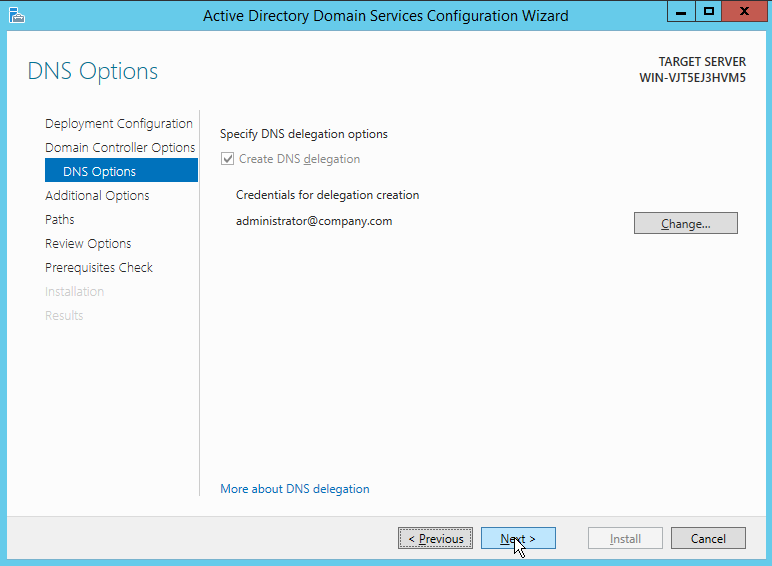


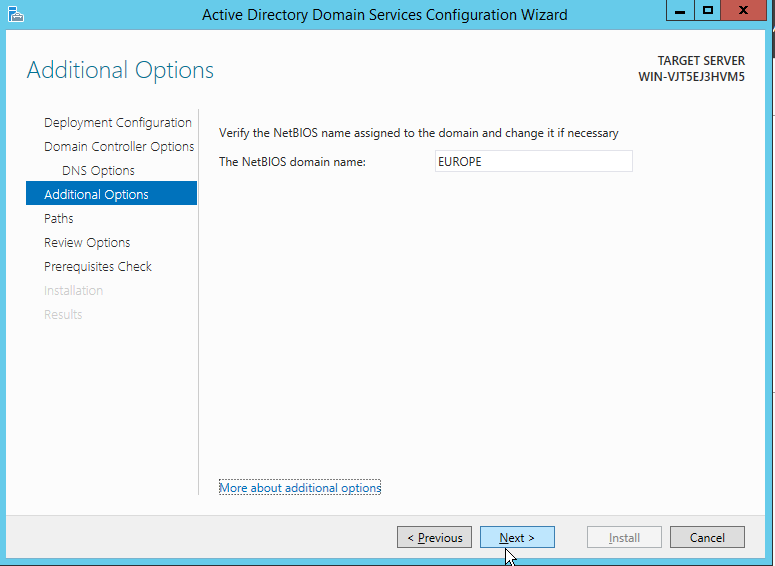


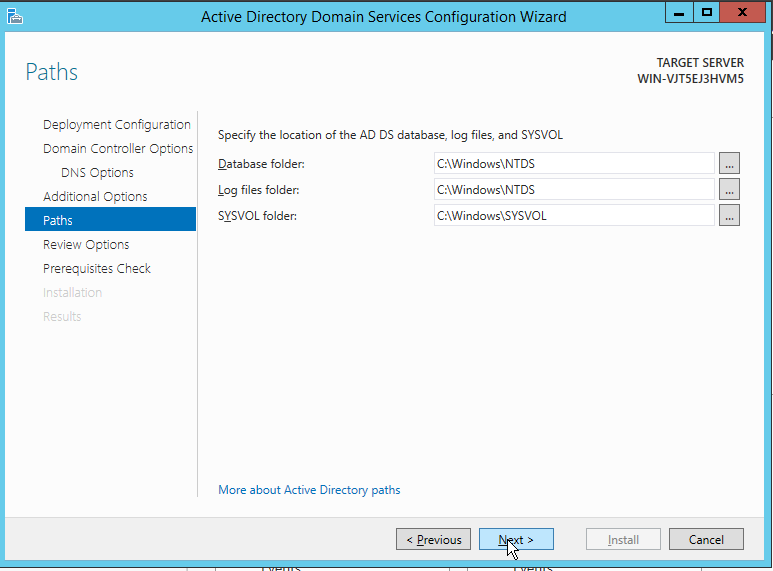


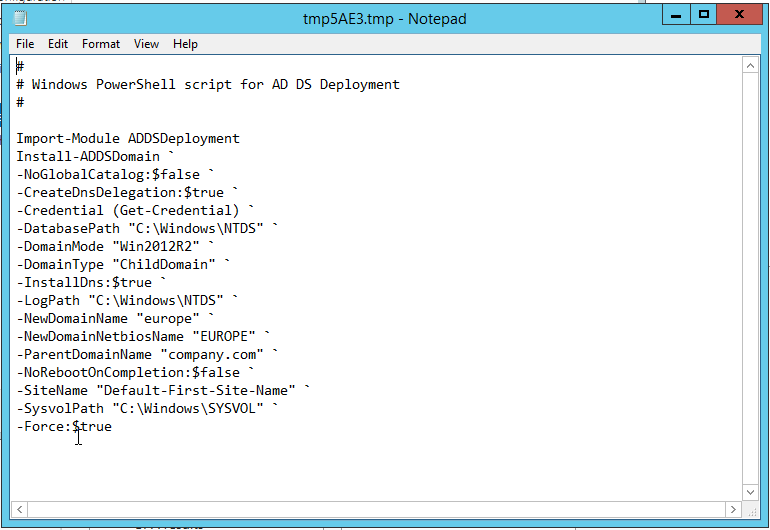


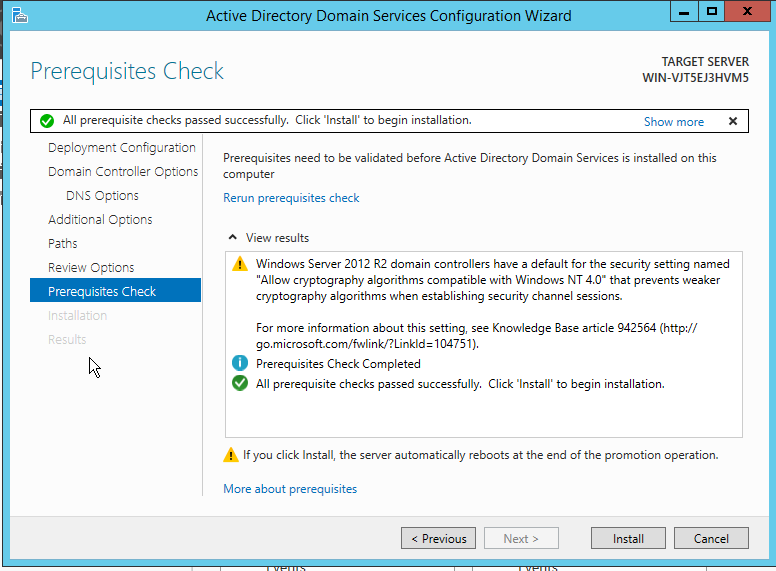


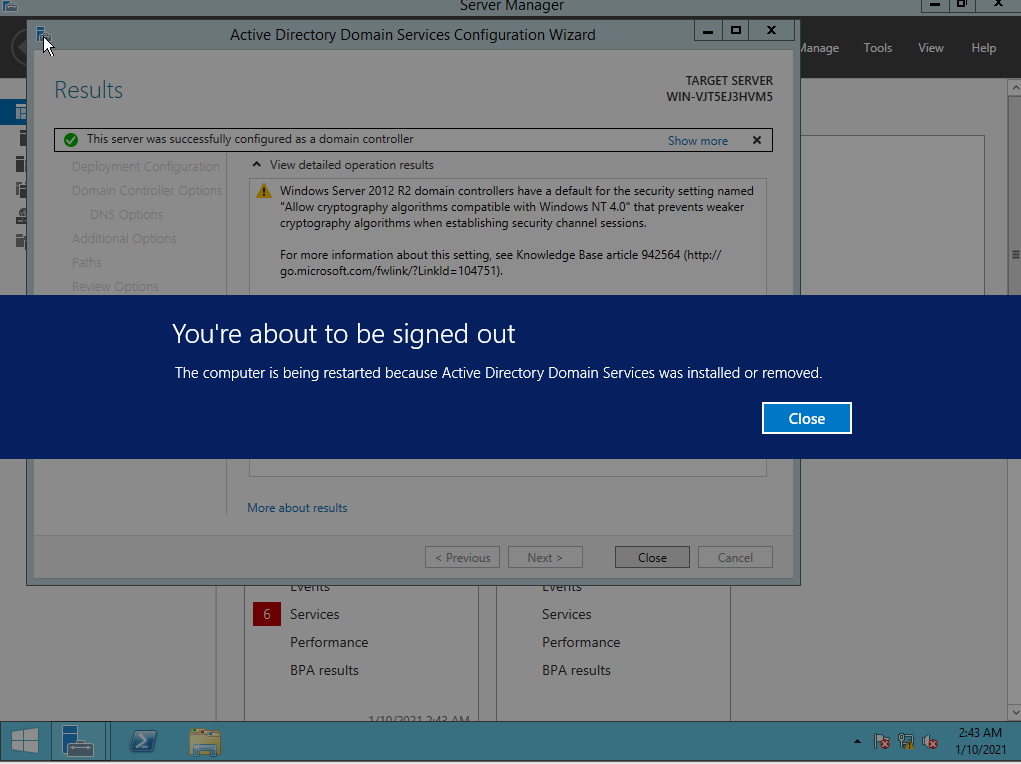




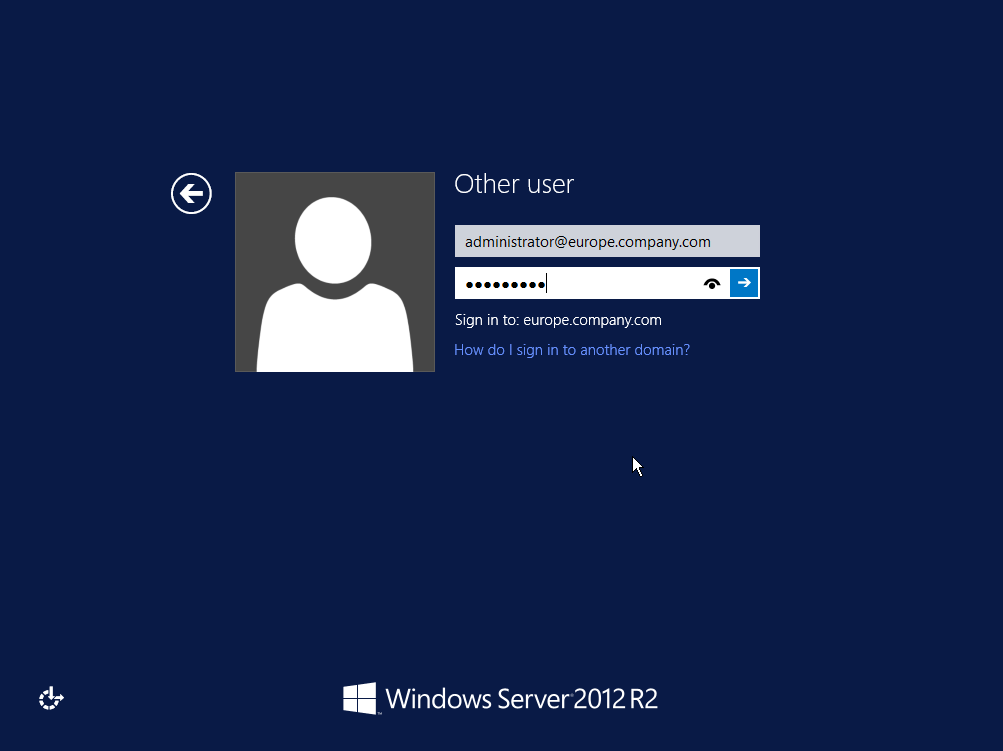


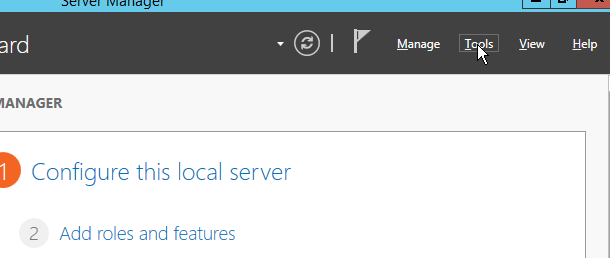


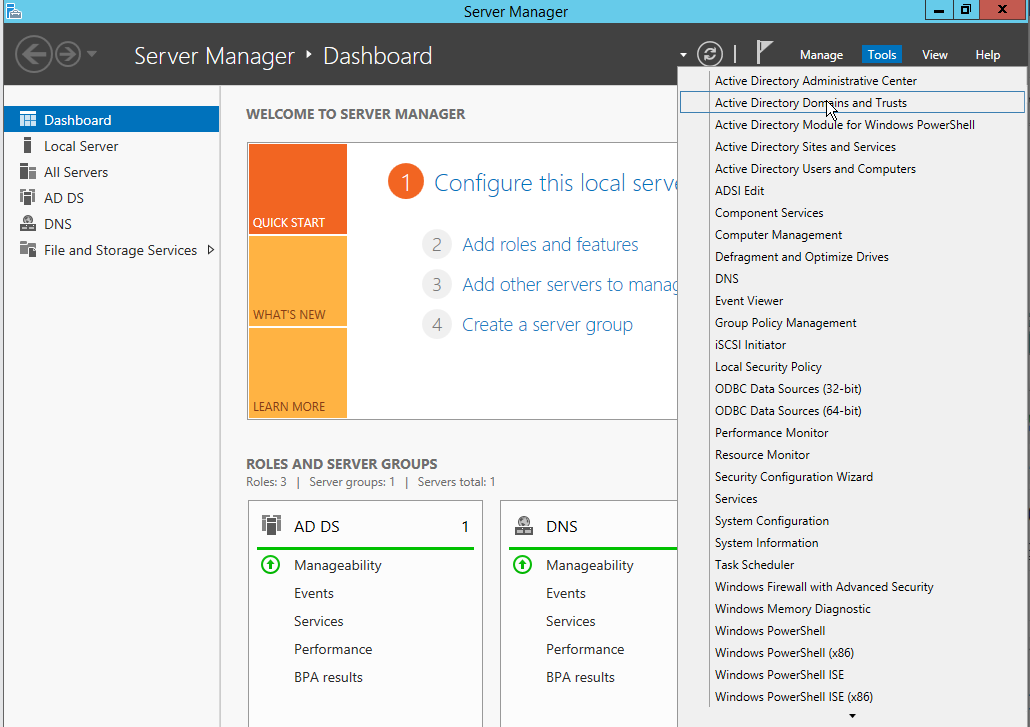


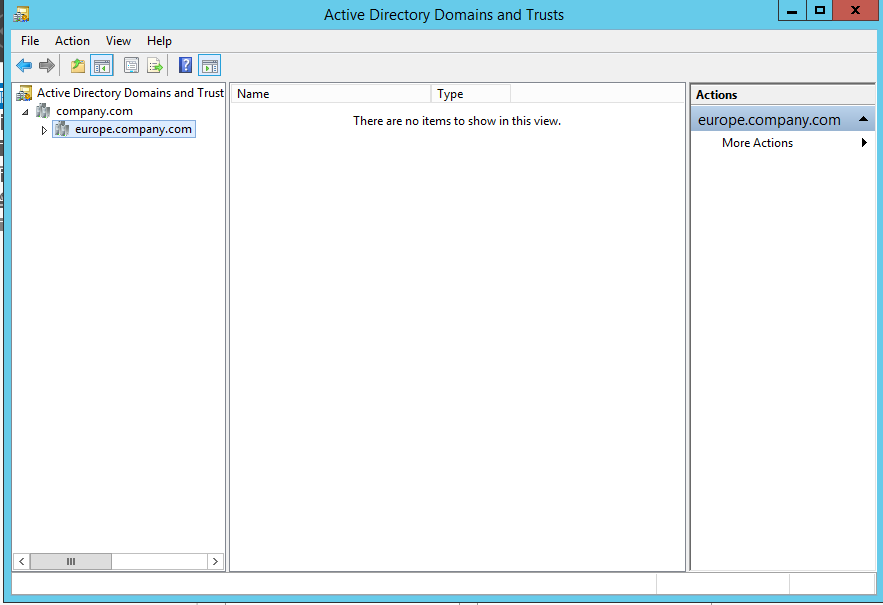












<Seoul>

### 자식 도메인2-1 : 스웨덴

(대륙 AD 만들 때 참고)

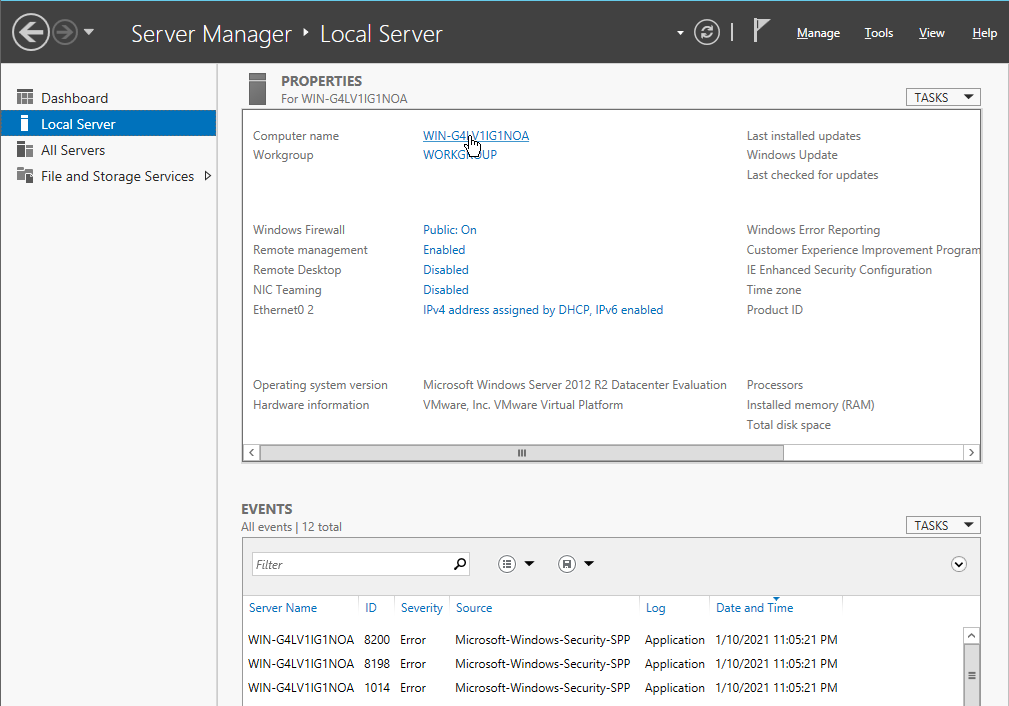
나라 : 스웨덴

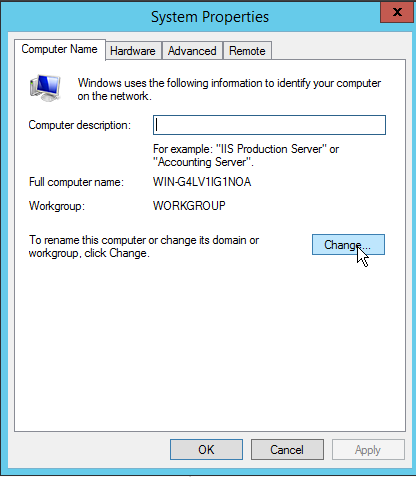
IP : 2.2.2.13/24

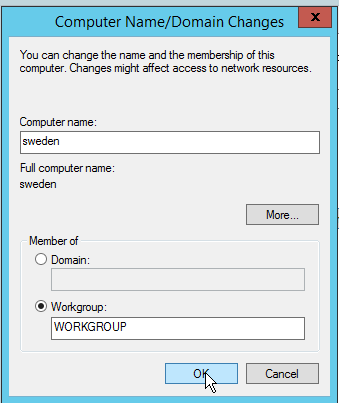
PASSWORD : P@ssw0rd4

Hostname : company.com

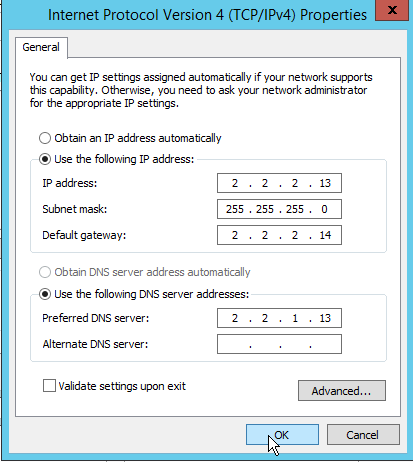
sweden.company.com

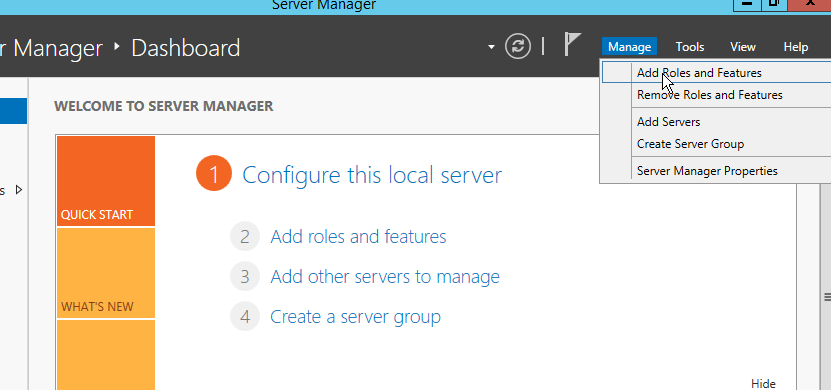




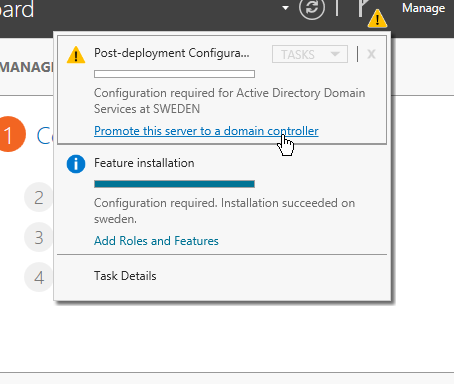


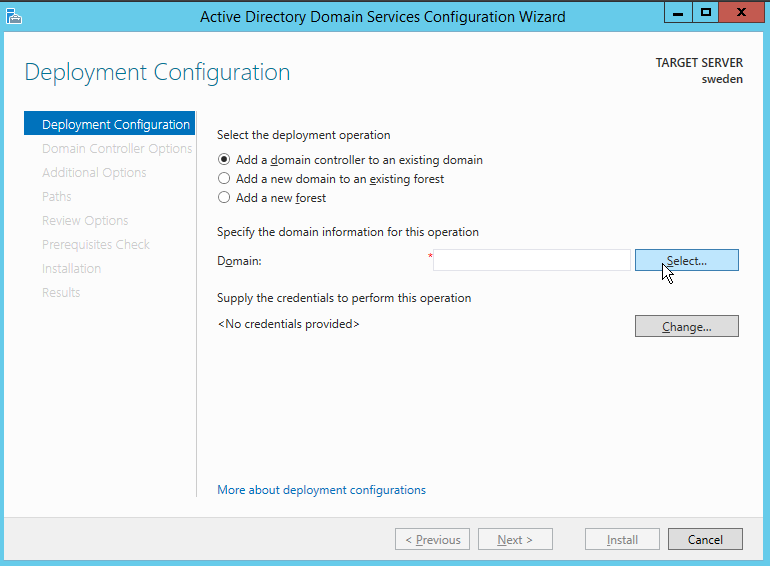
재부팅

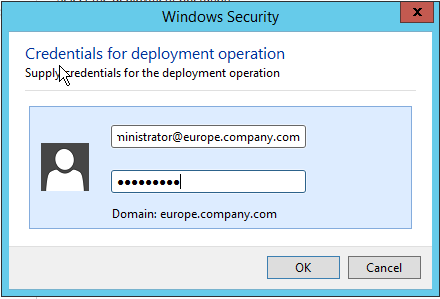


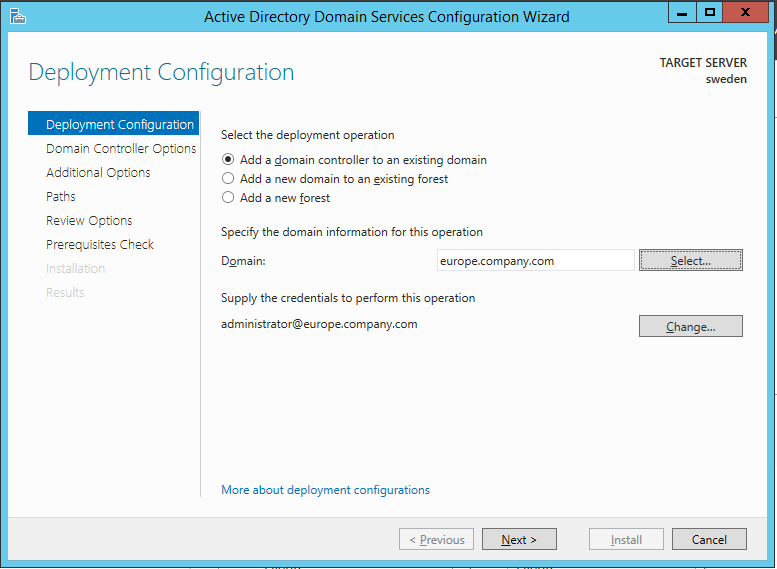


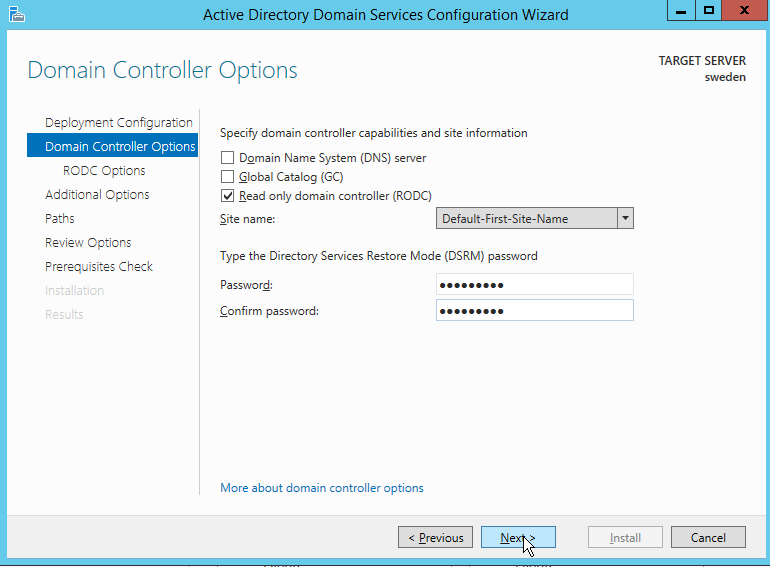


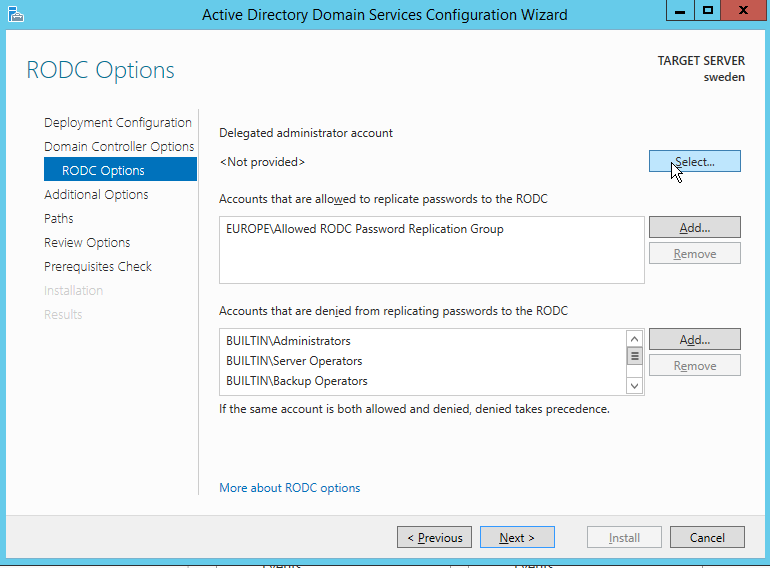


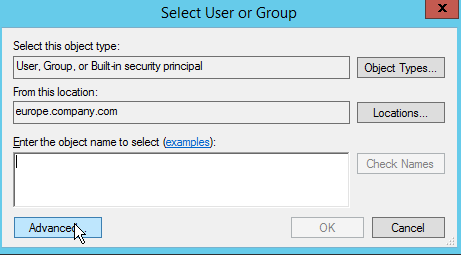


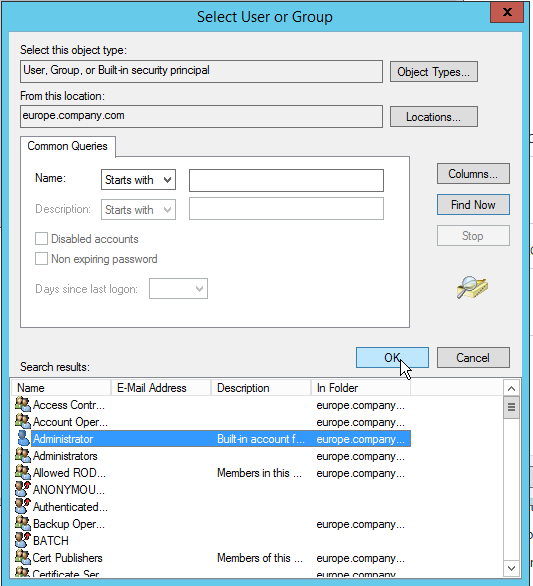


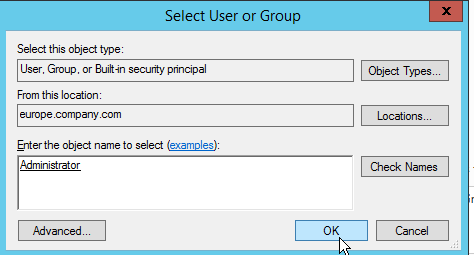




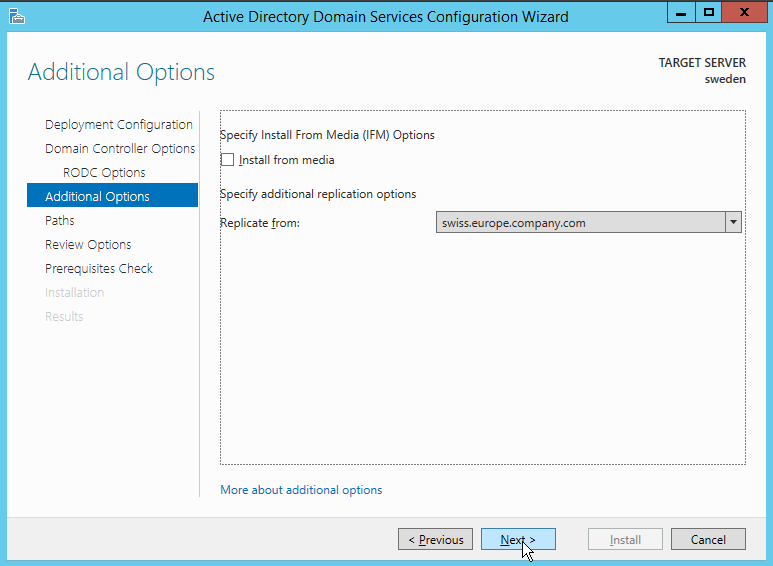


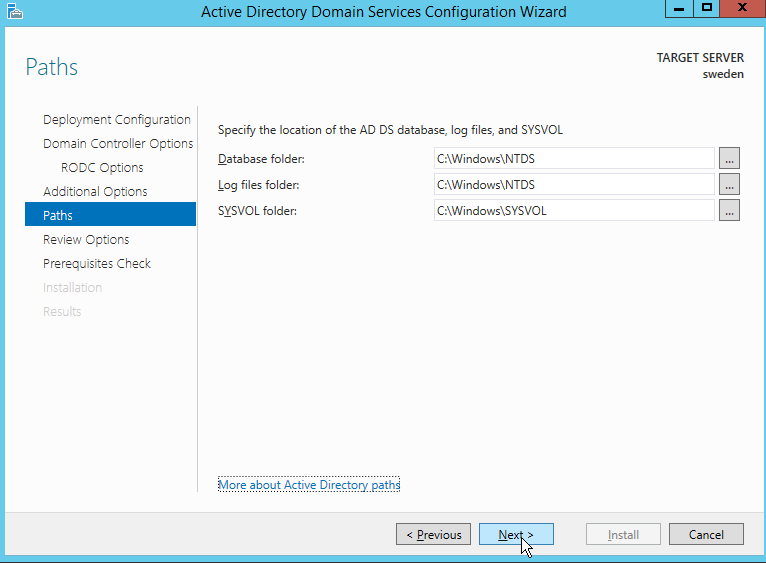


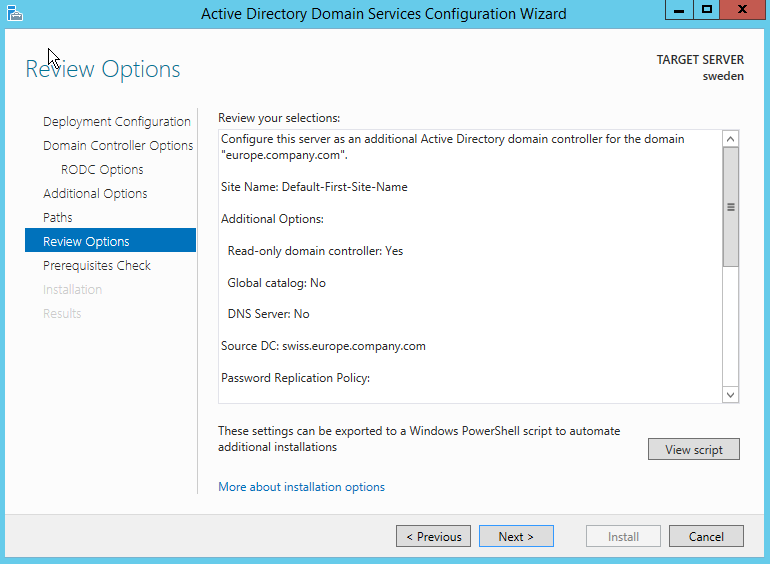
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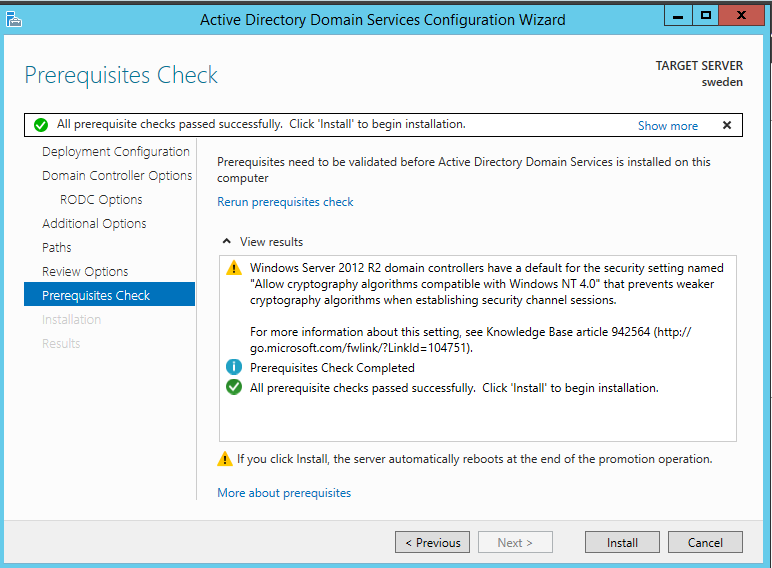
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### 자식 도메인2-2 : 춘천

(대륙 AD 만들 때 참고)

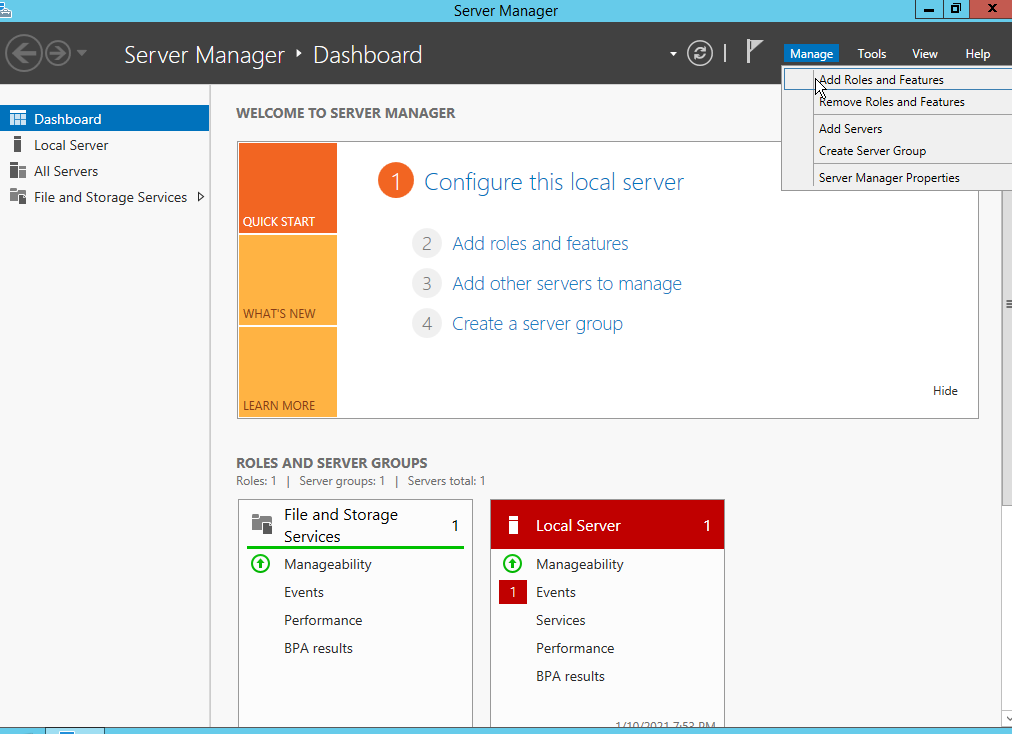
나라 : 춘천

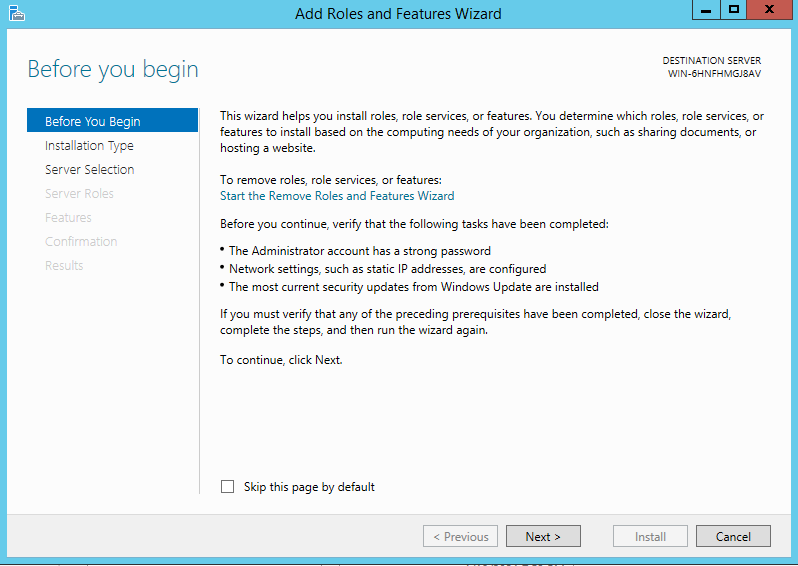
IP : 1.1.2.13/24

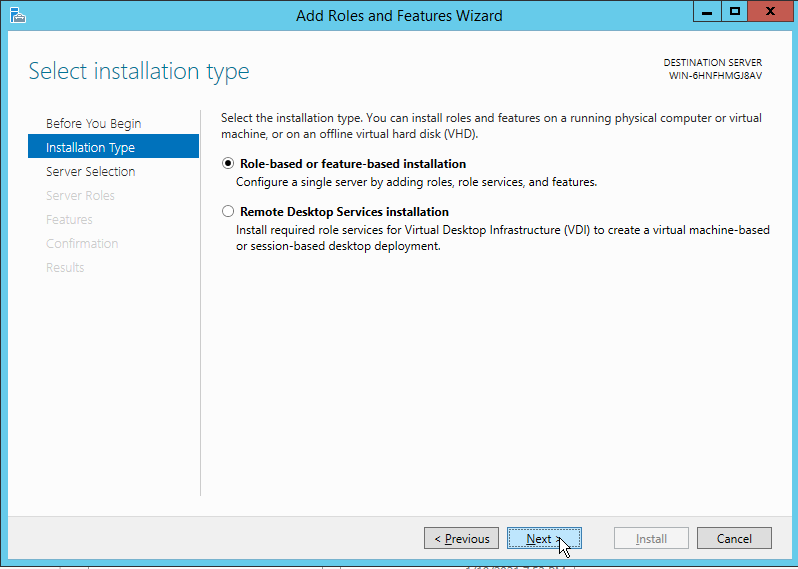
PASSWORD : P@ssw0rd2

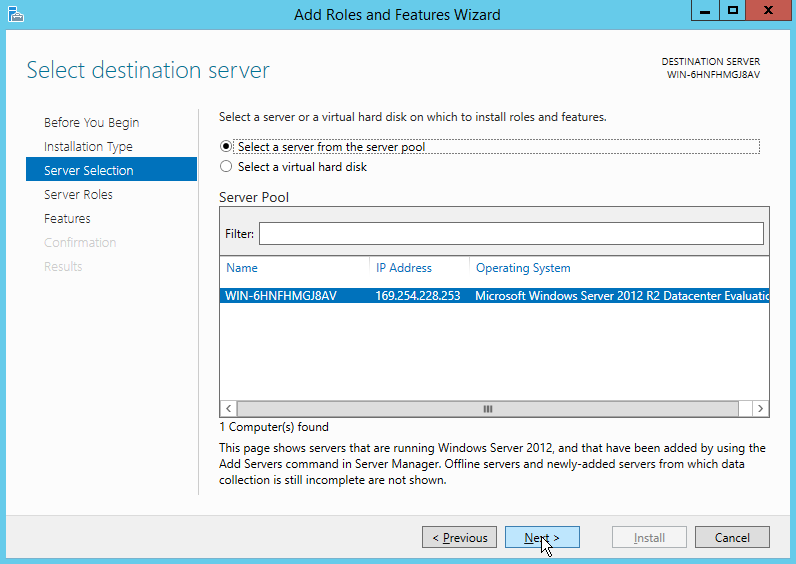
Hostname : company.com

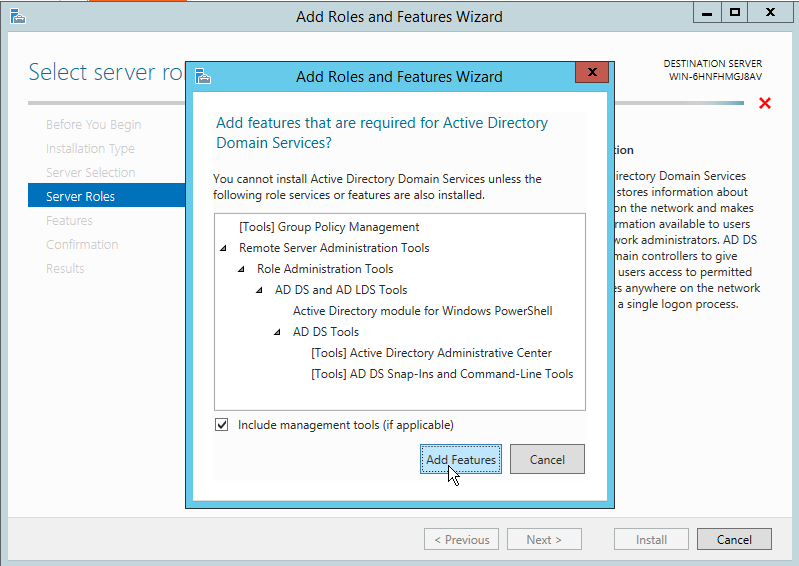
chuncheon.company.com

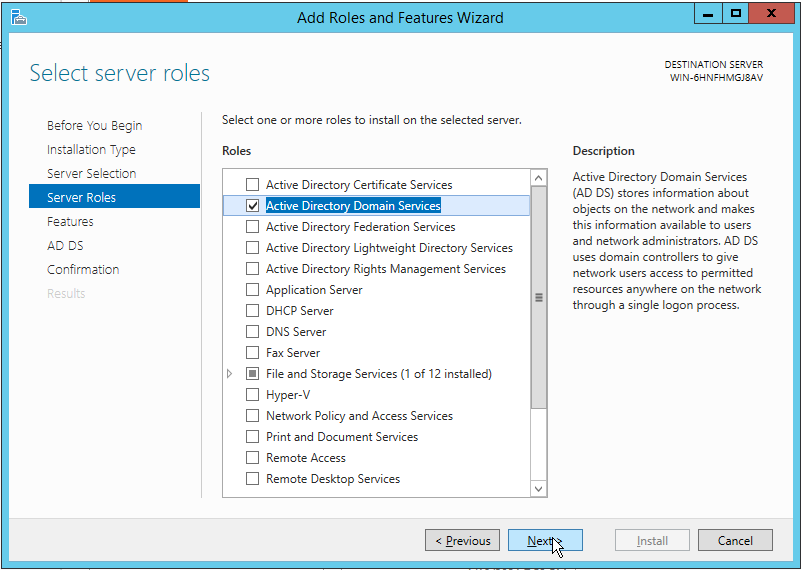


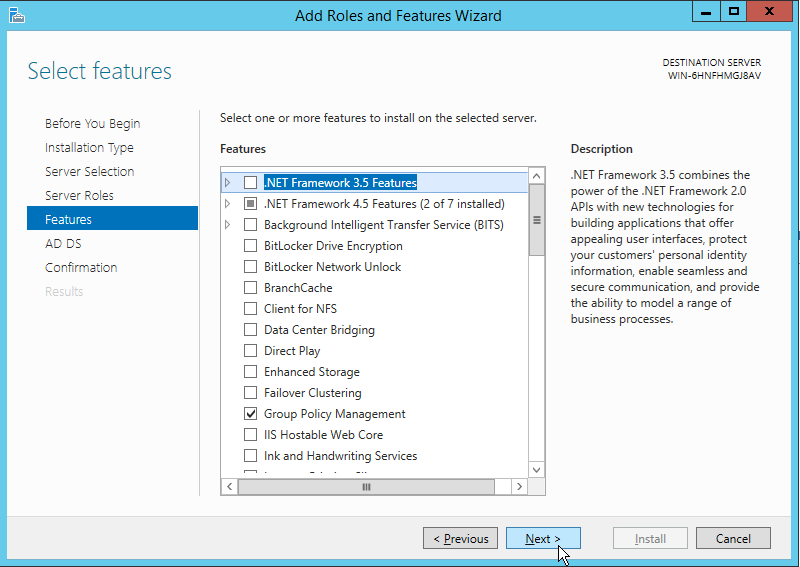


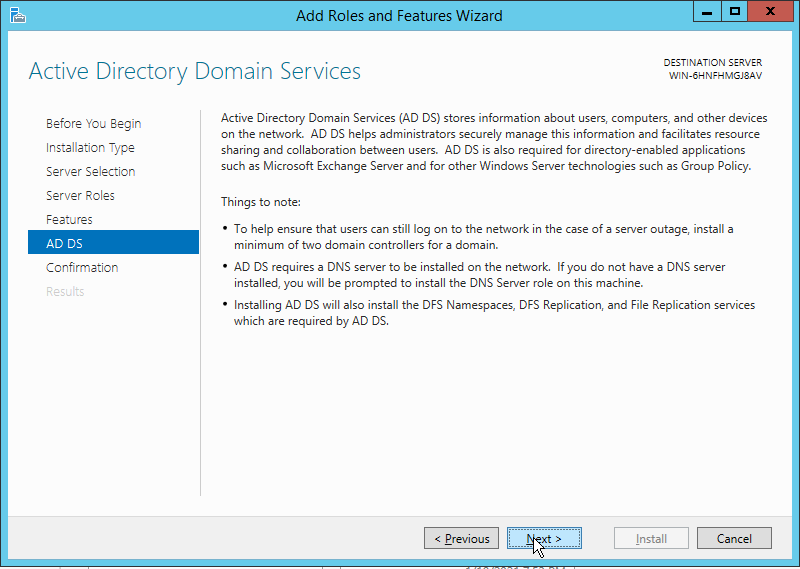


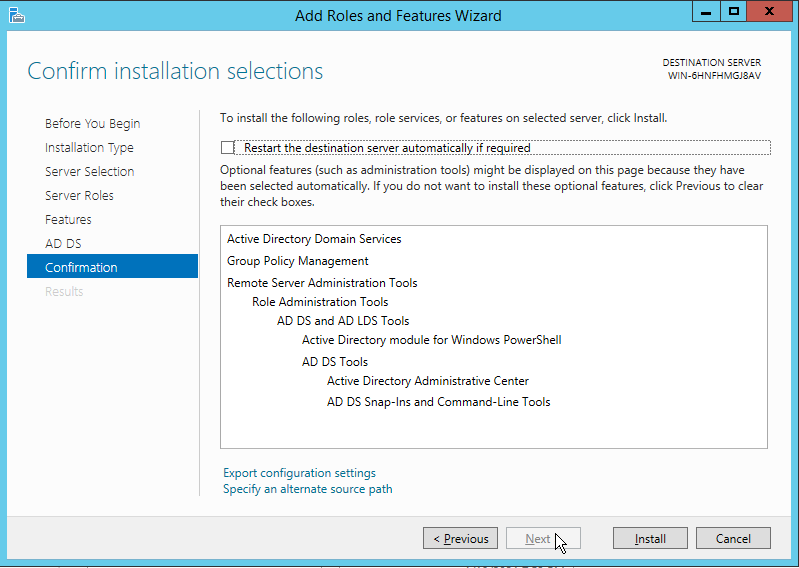


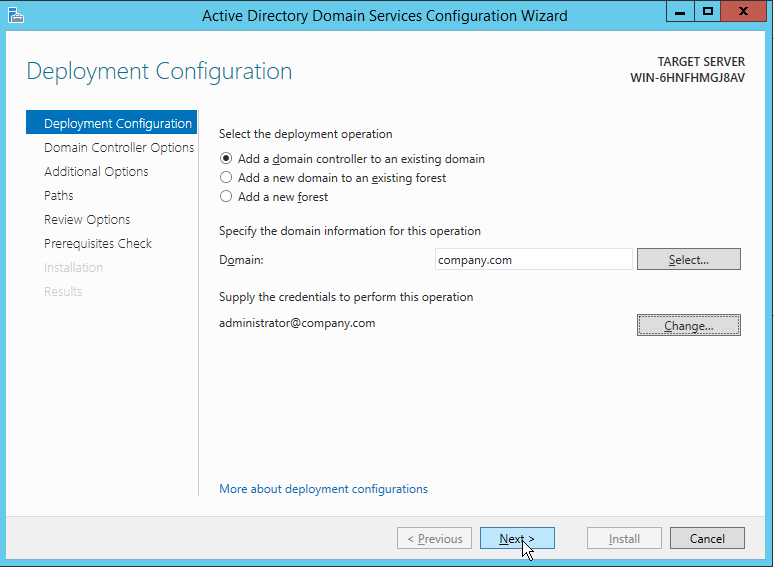


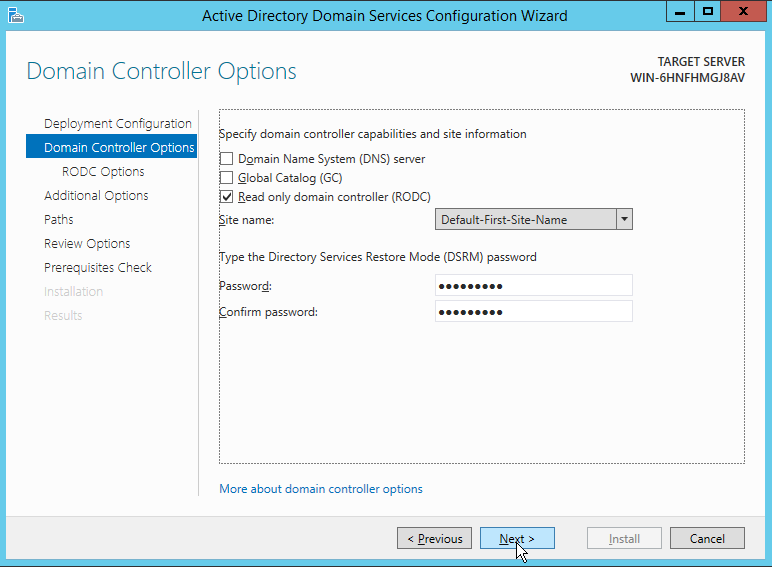


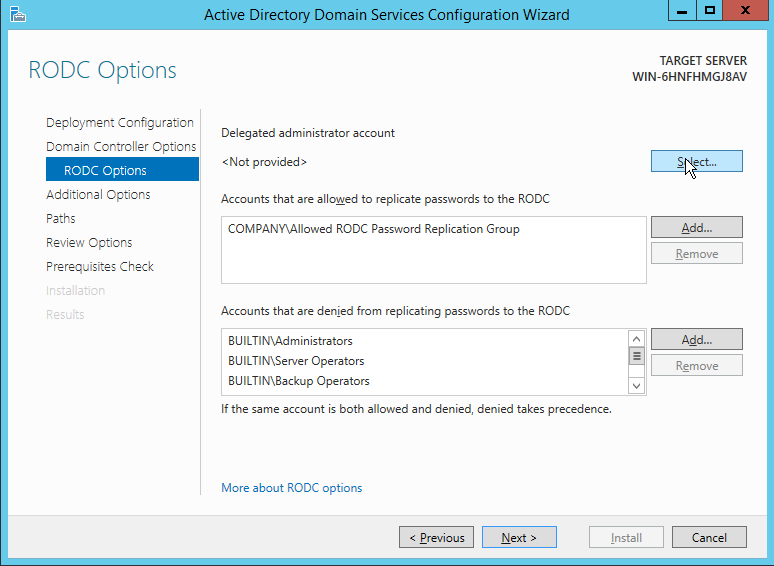


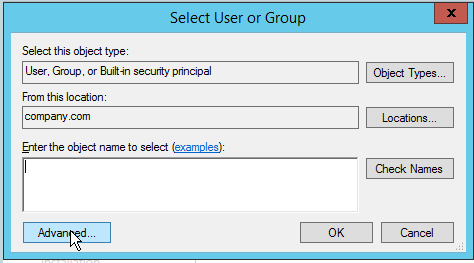


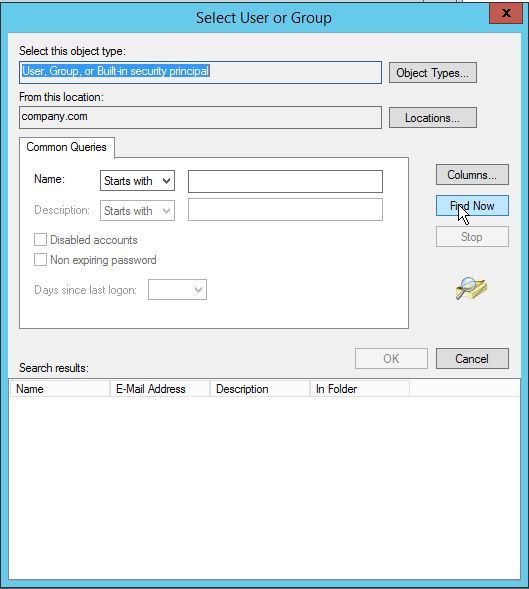


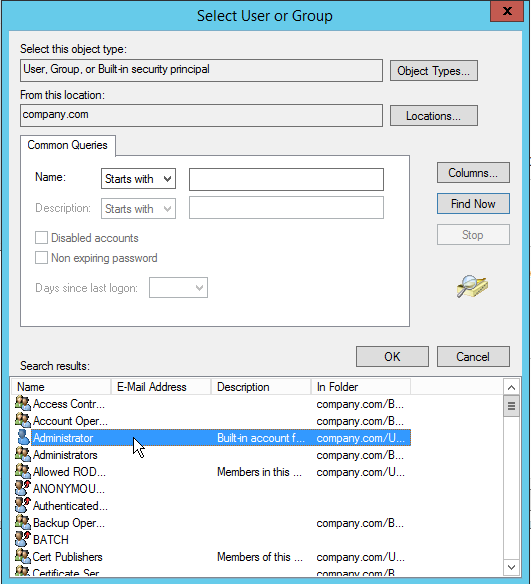


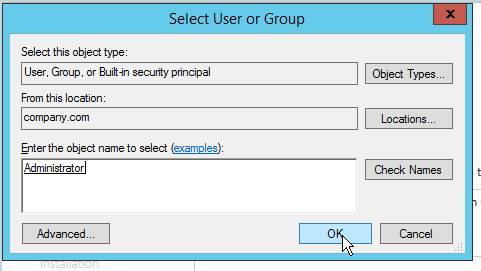


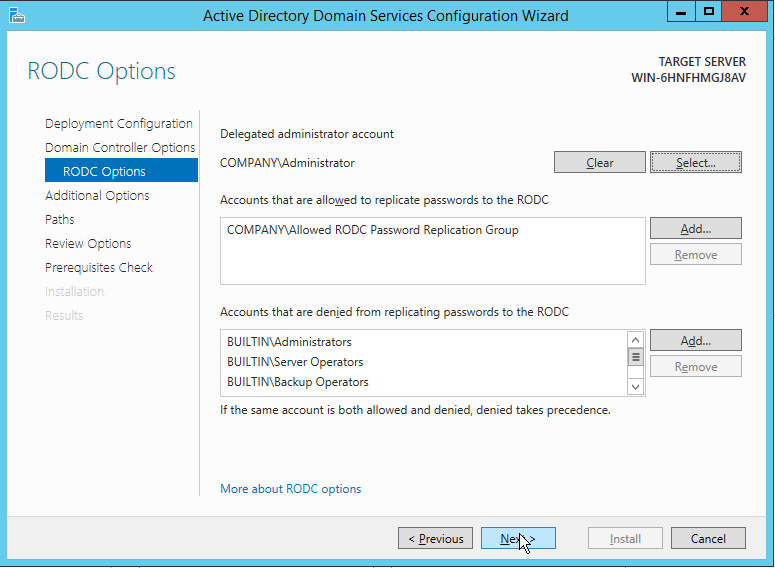




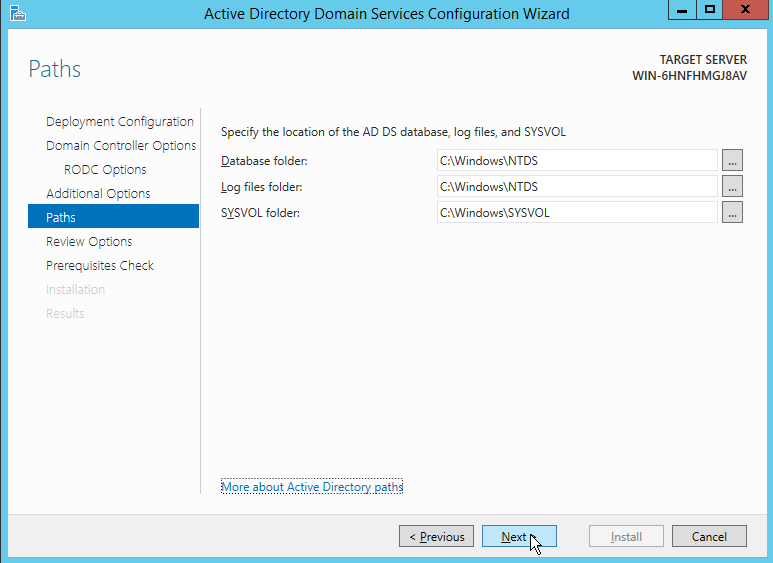




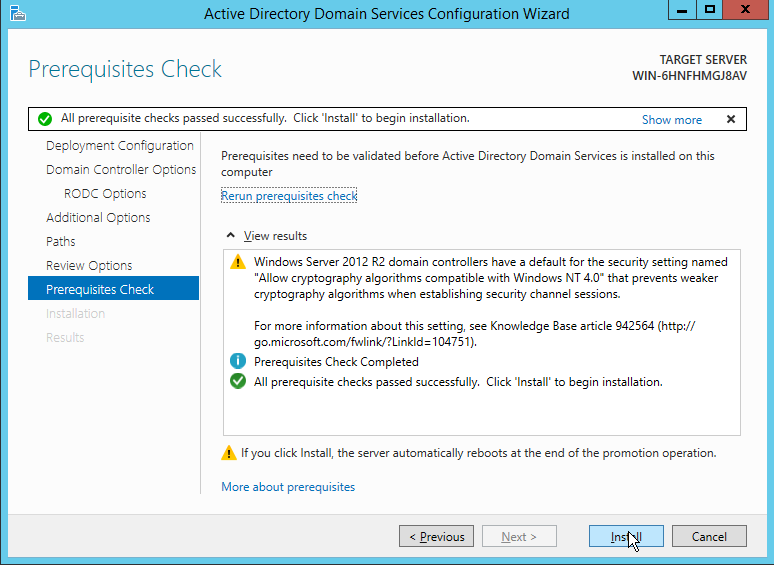


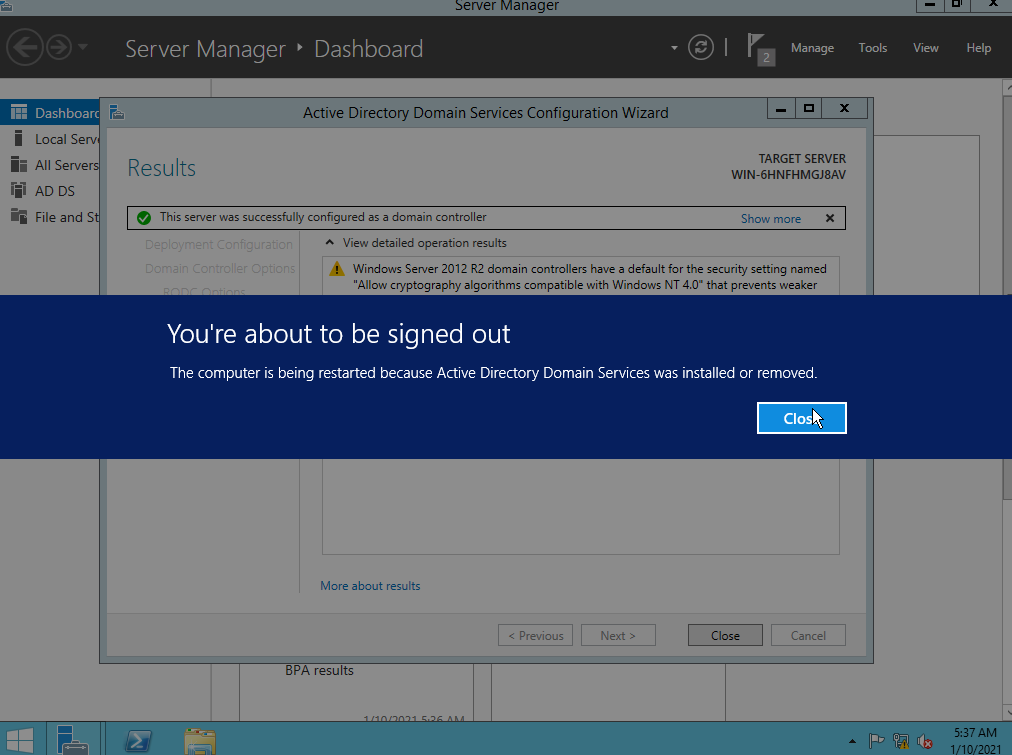


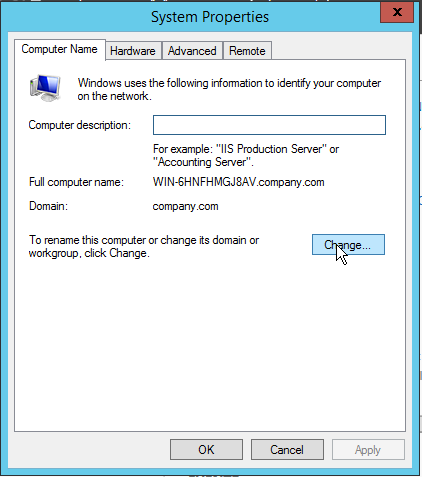


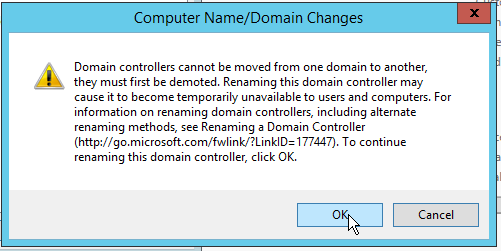


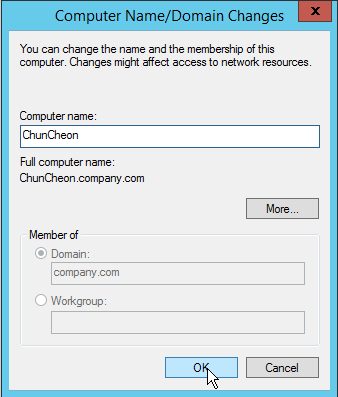


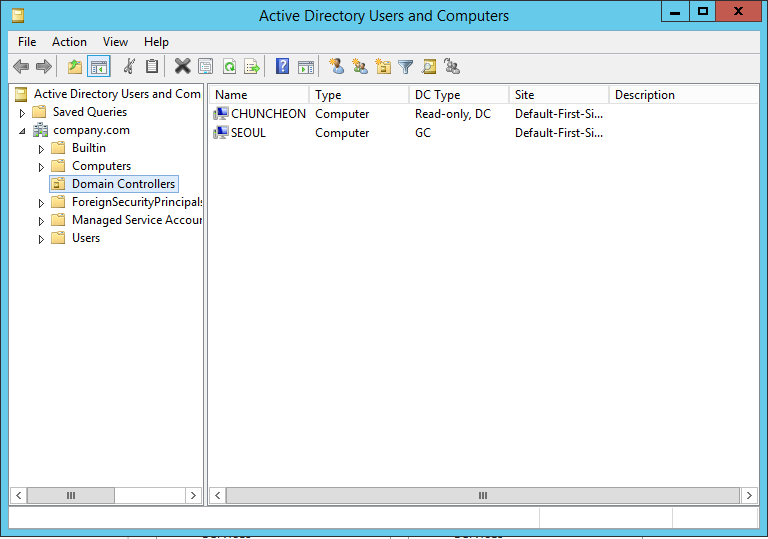






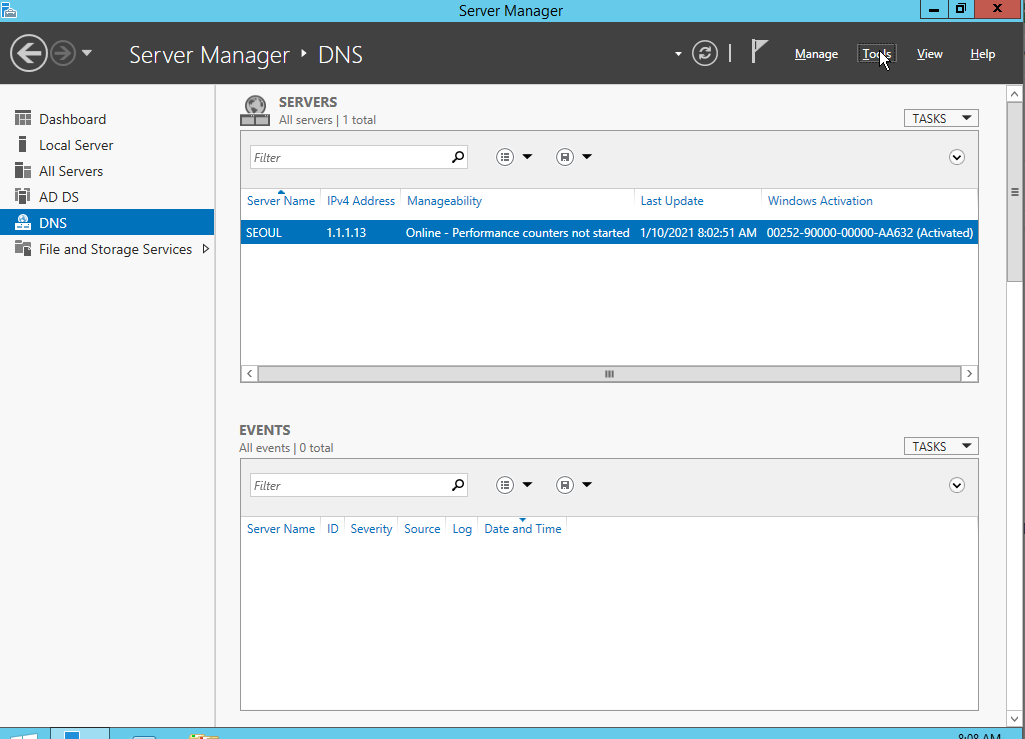


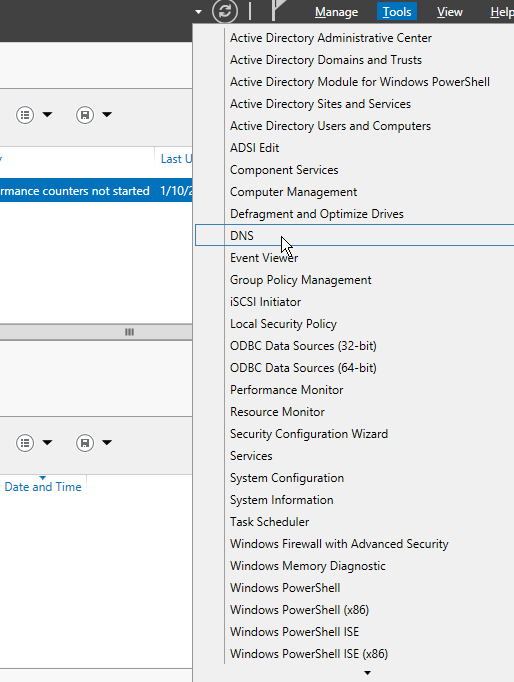


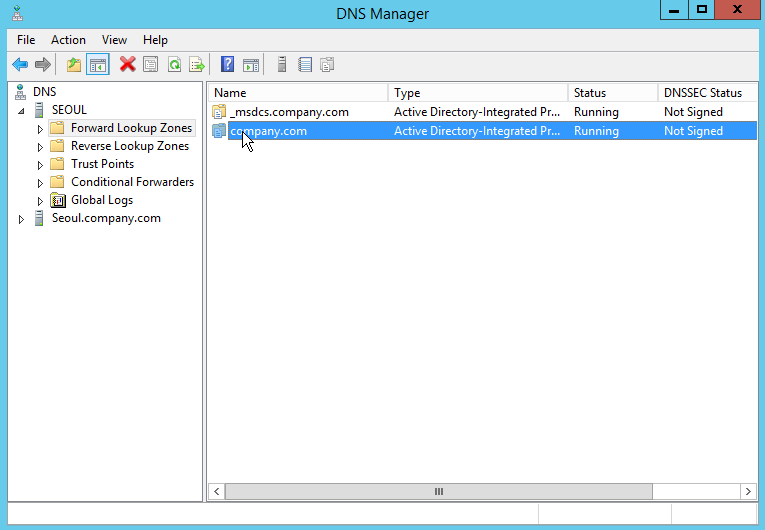


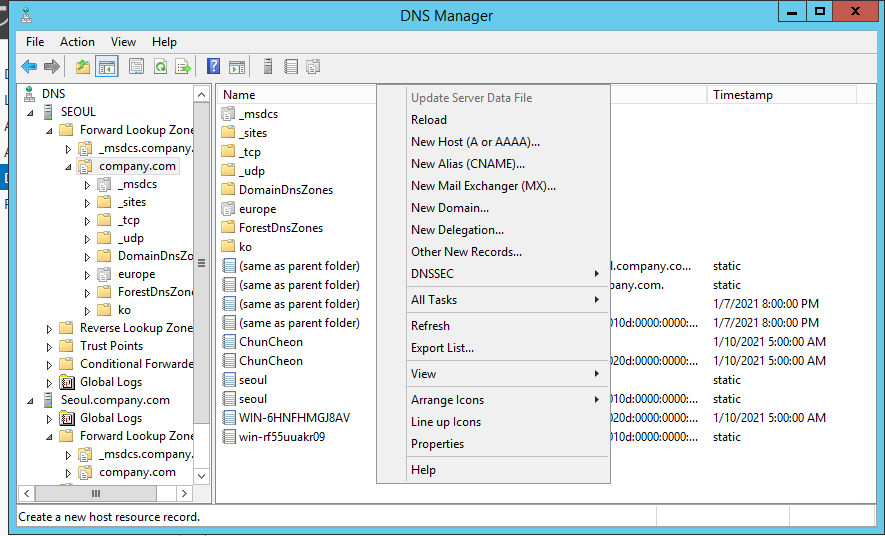
## DNS Part:

### 마스터 컴퓨터 : 서울

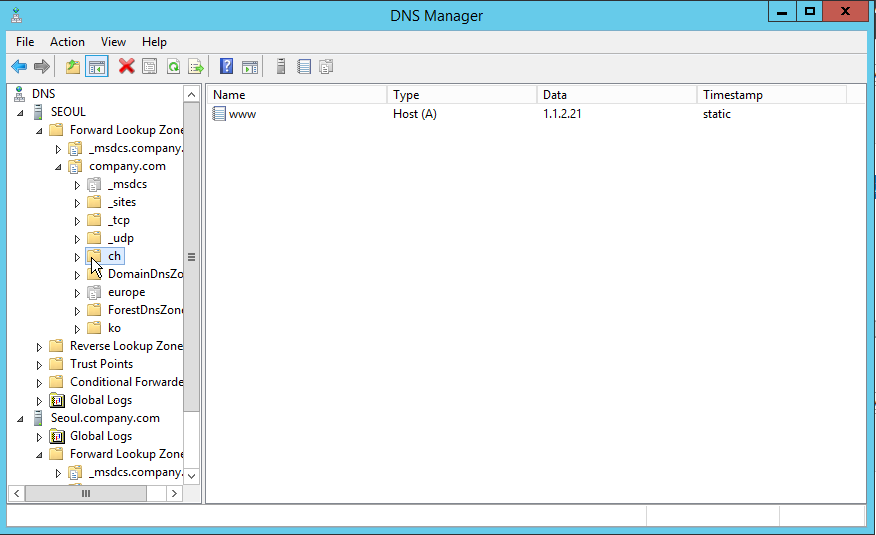


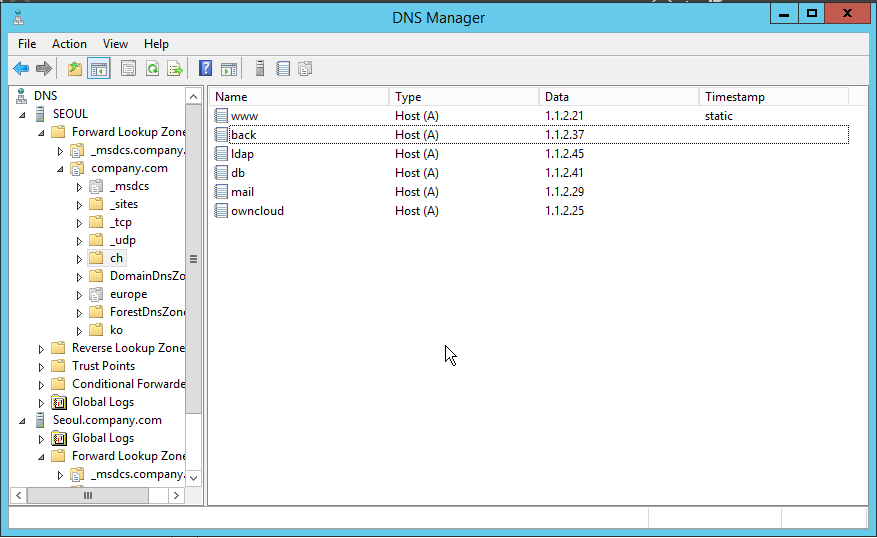


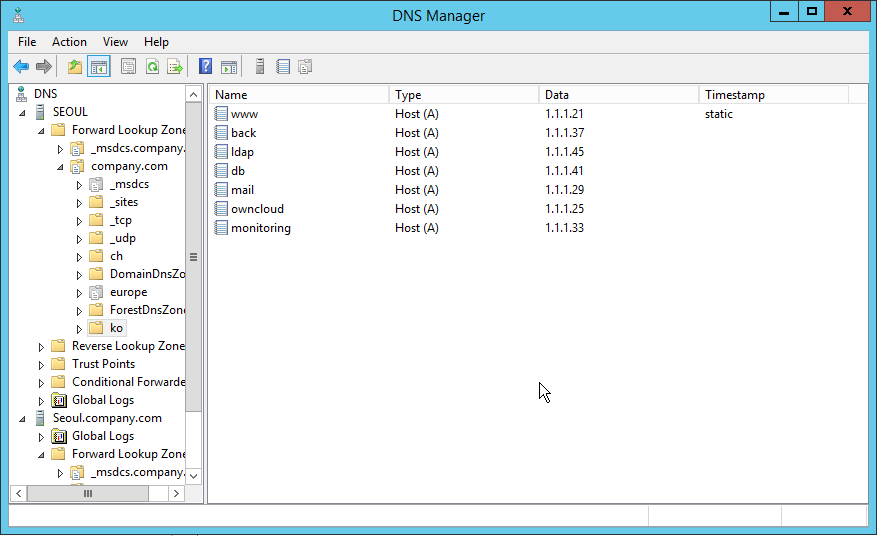




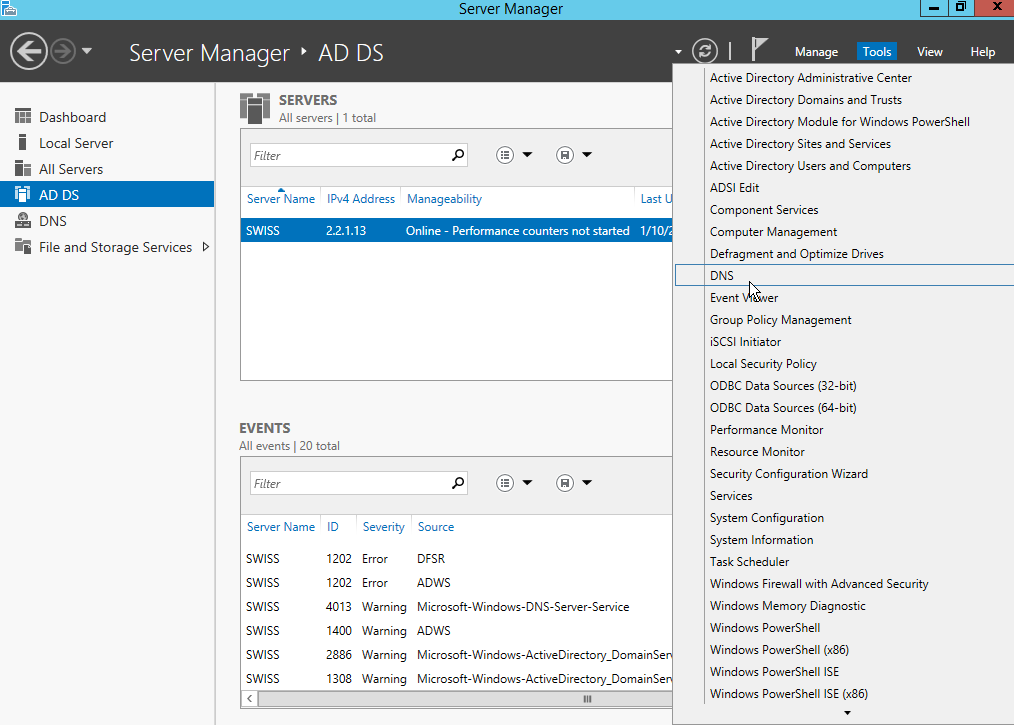


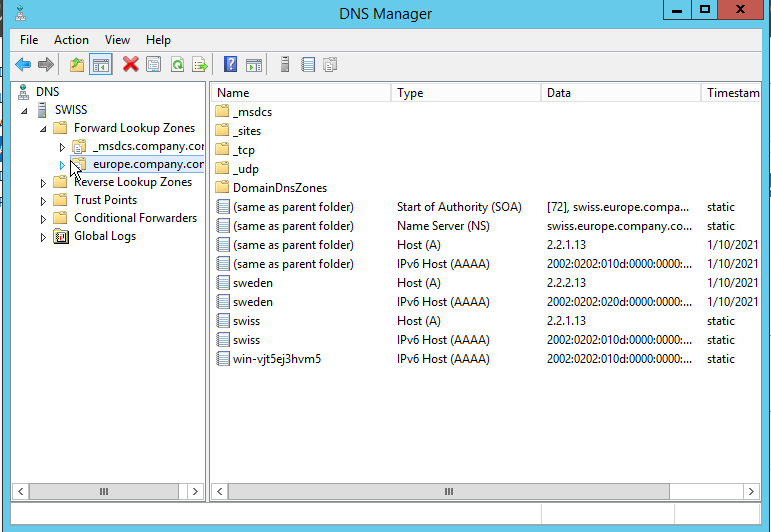


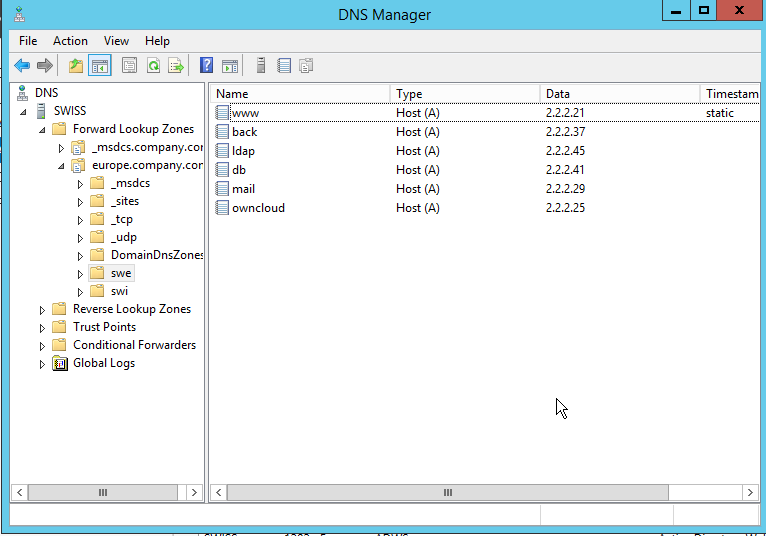


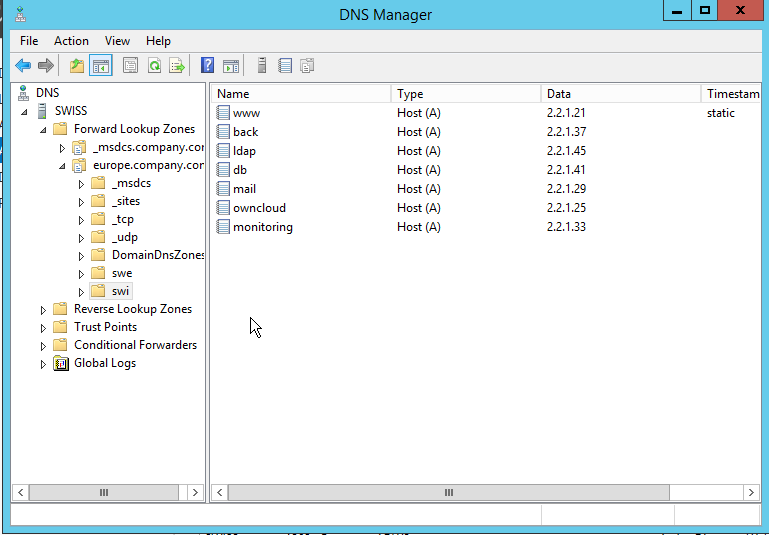


### 자식 도메인1 : 유럽

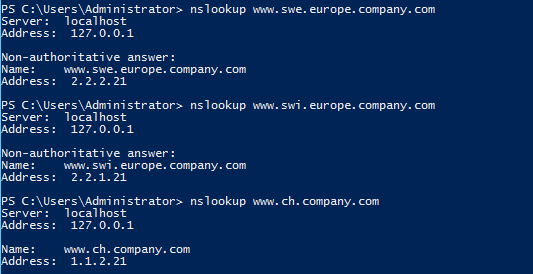








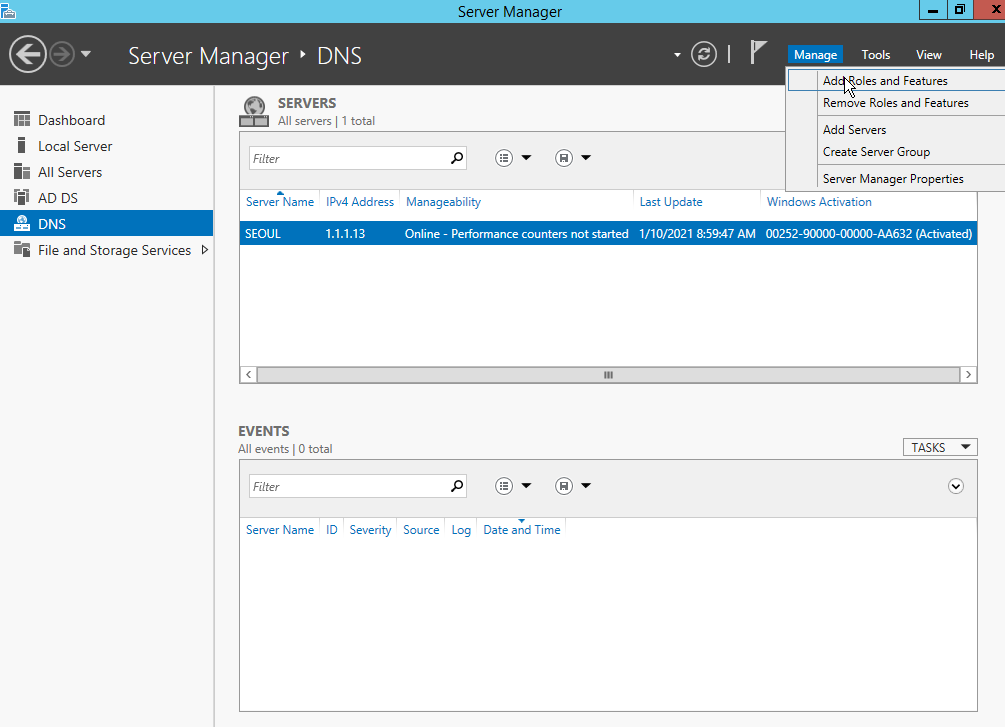
#### 서울에서 테스트



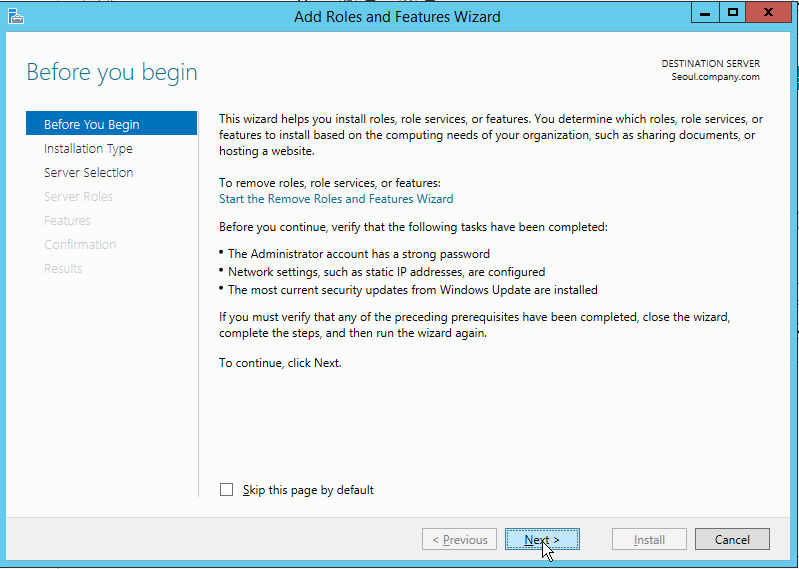
## DHCP Part:

### DHCP 서버 : 모든 나라에 공통 적용 가능

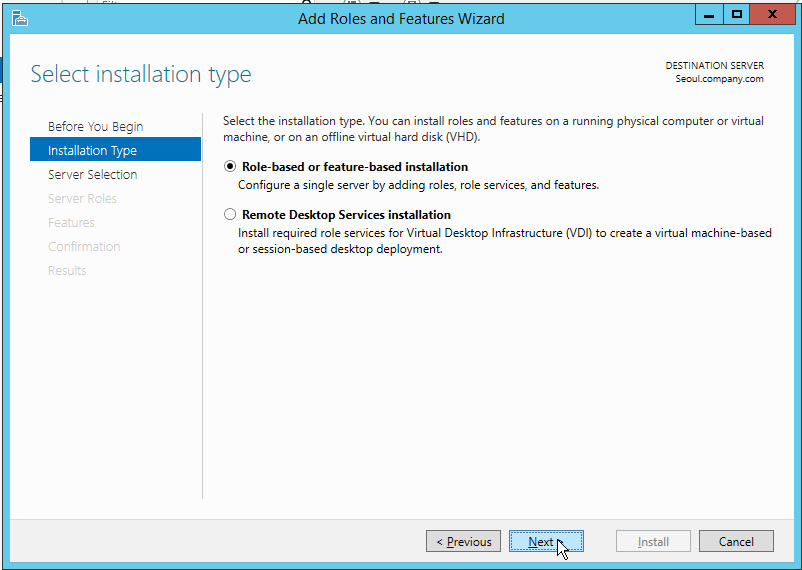
### (예시는 서울 서버)



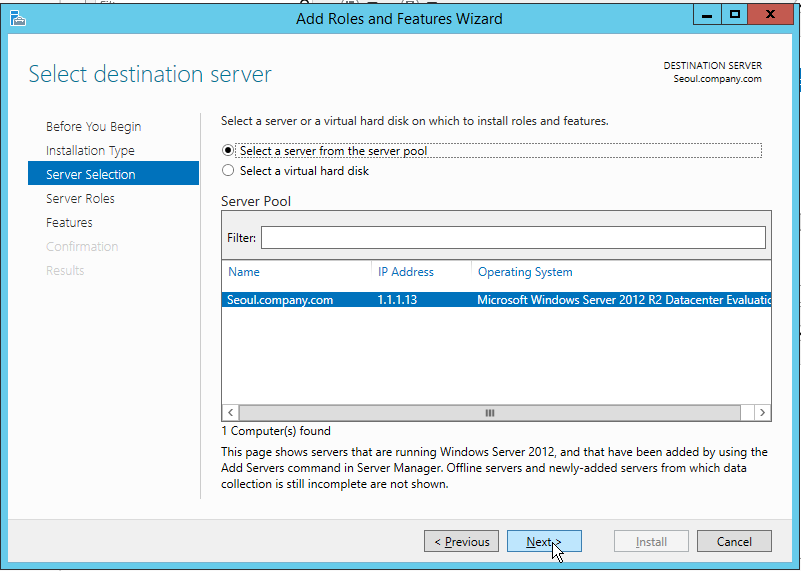
* 서버관리자를 열고 Add Roles and Features 를 클릭



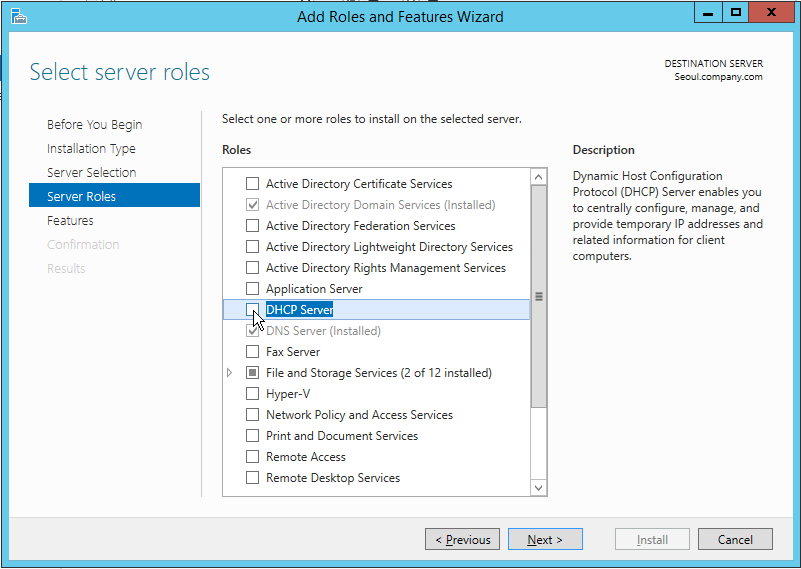
* 서버 추가 마법사 실행, Next 클릭



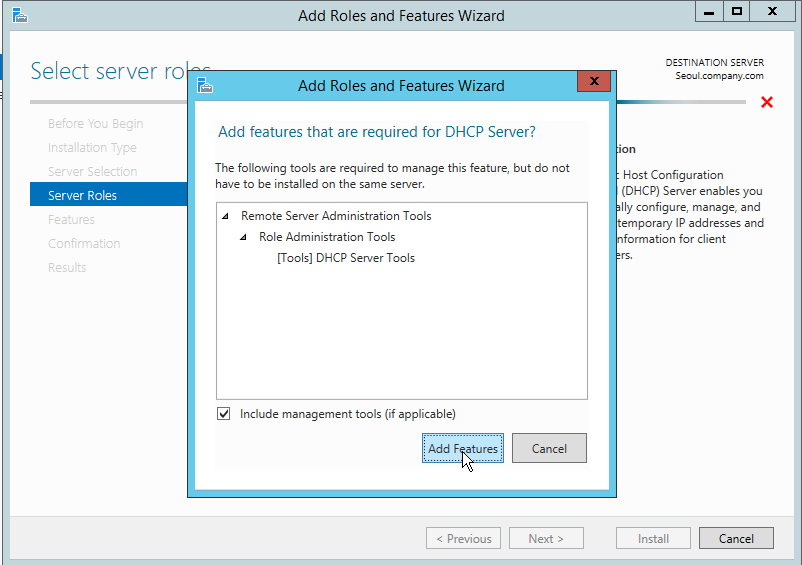
* Next 클릭



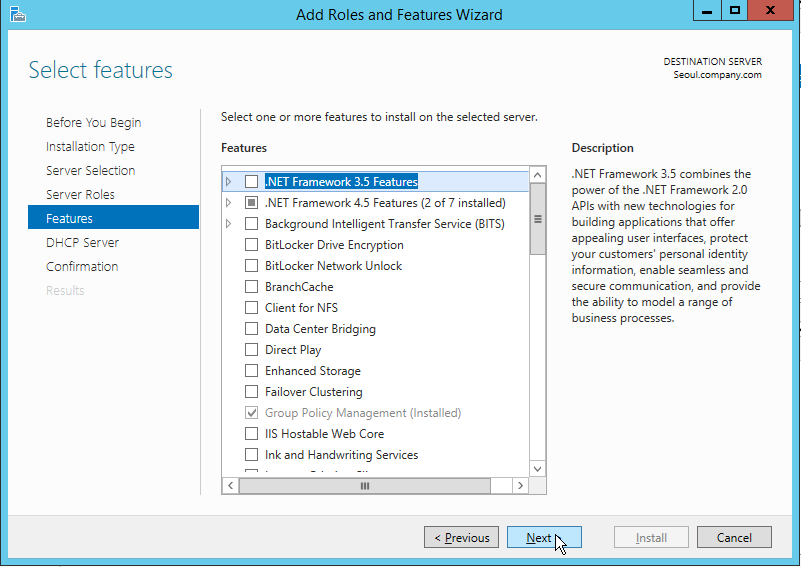
* Next 클릭



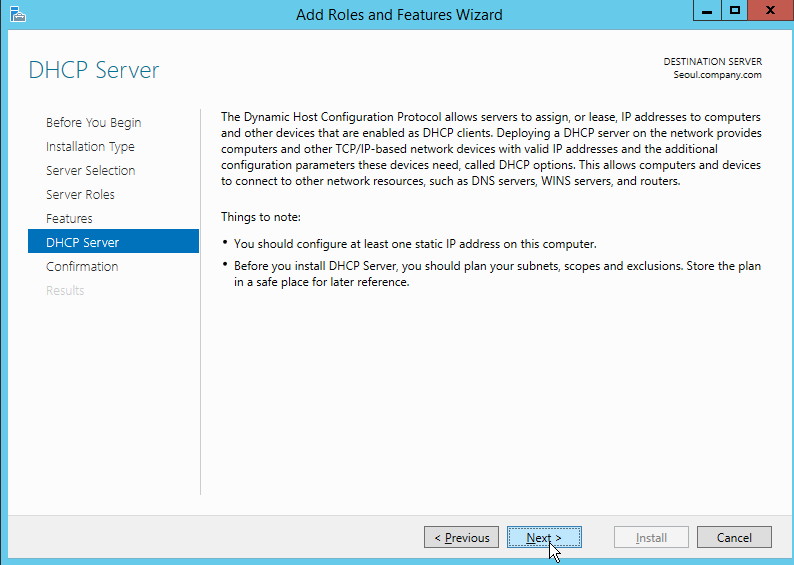
* 아이피 자동할당 서버 DHCP 선택



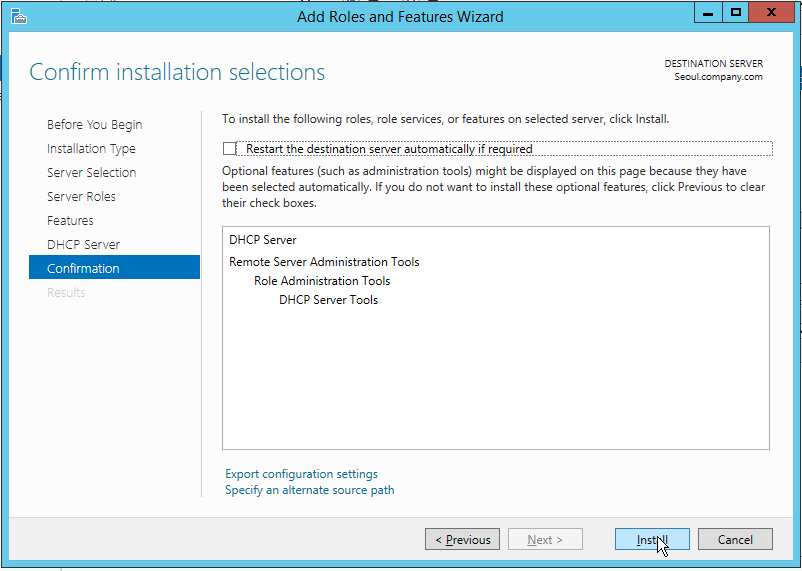
* Add Features 클릭



* Next 클릭



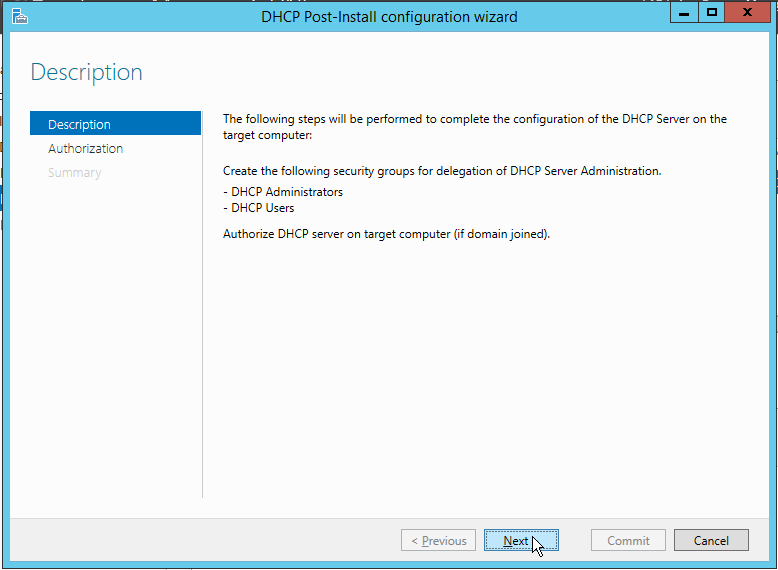
* Next 클릭



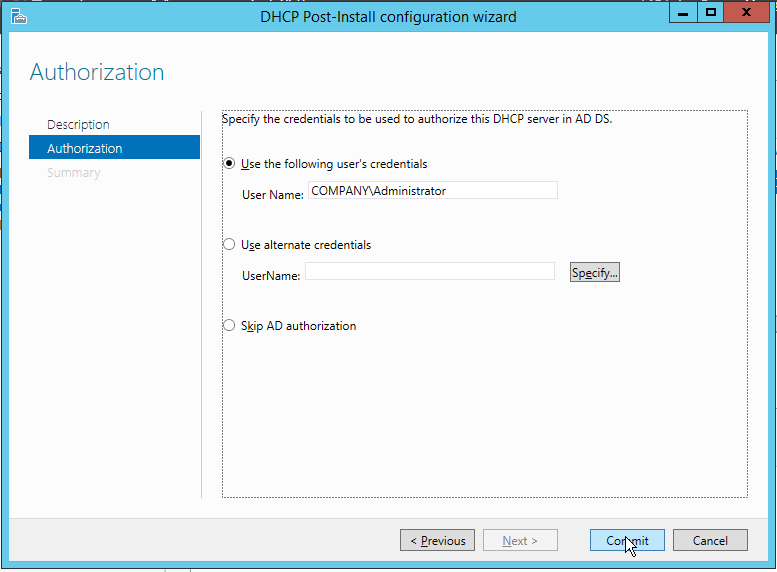
* Install 클릭



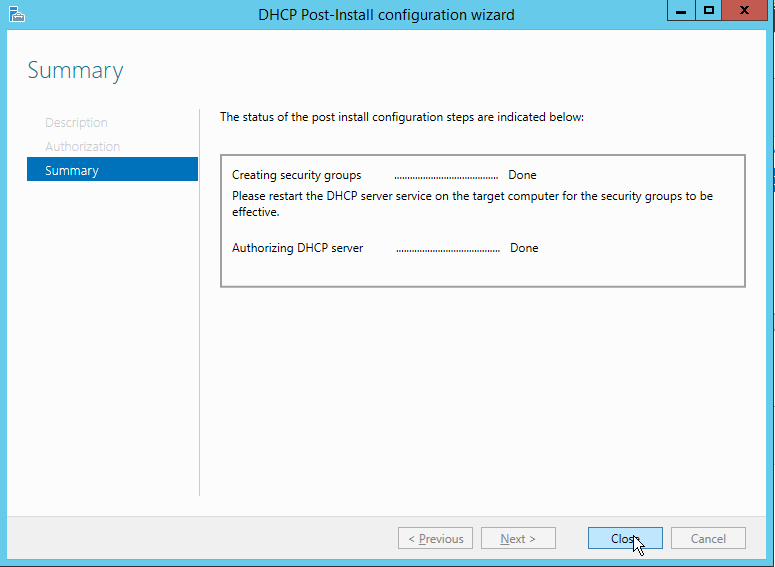
* Complete DHCP configuration 클릭해서 DHCP 설정하고 활성화



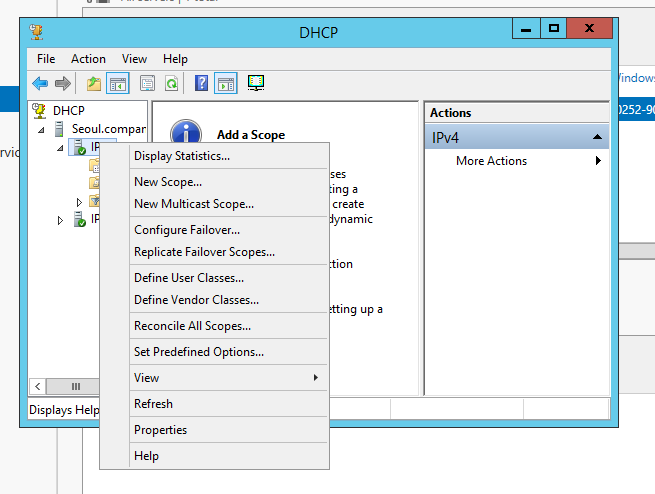
* Next 클릭



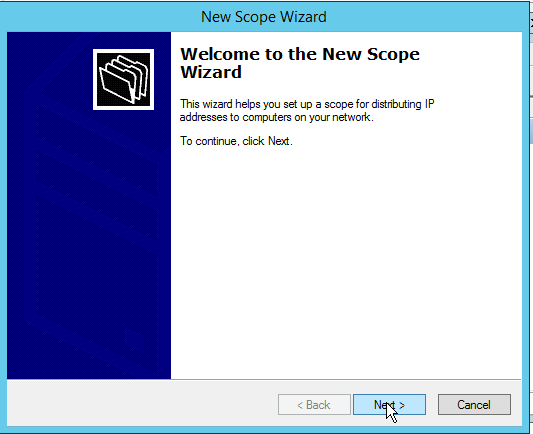
* DHCP 서버 인증



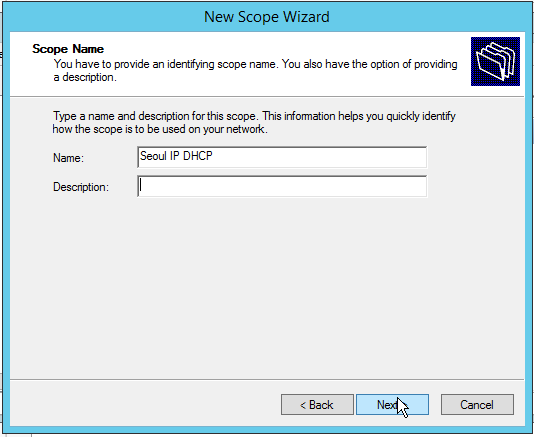
* Close 클릭 후 컴퓨터 재시작



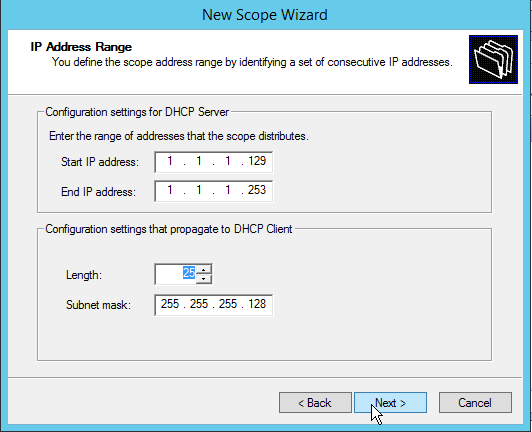
* Tool -> DHCP -> New Scope



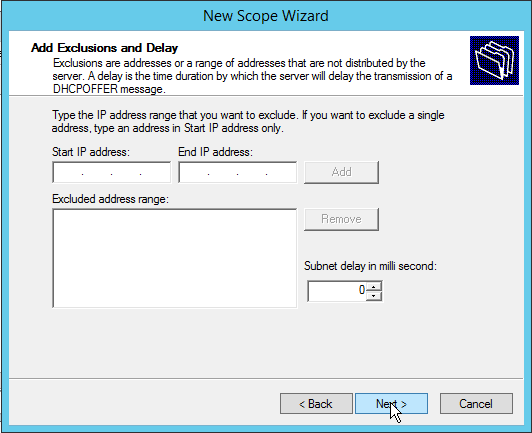
* 새로운 범위 생성 마법사를 시작



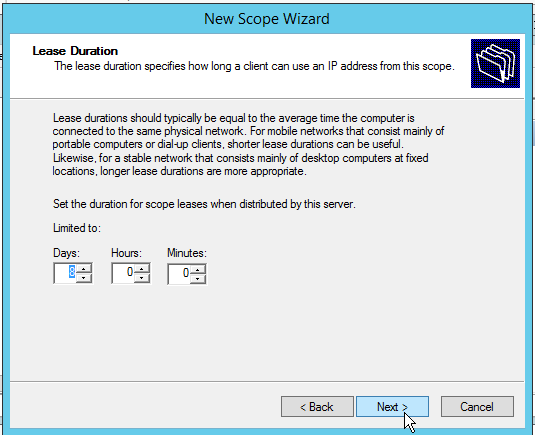
* DHCP 범위 이름 작성 후 Next 클릭

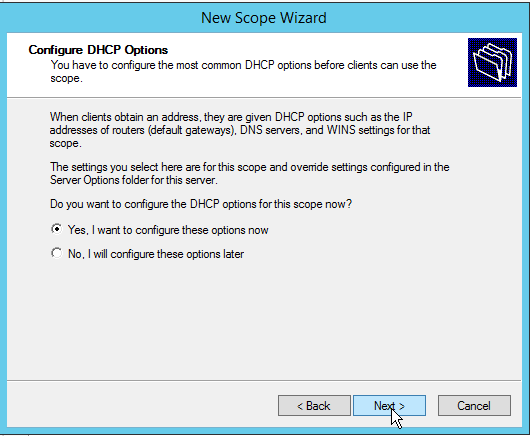


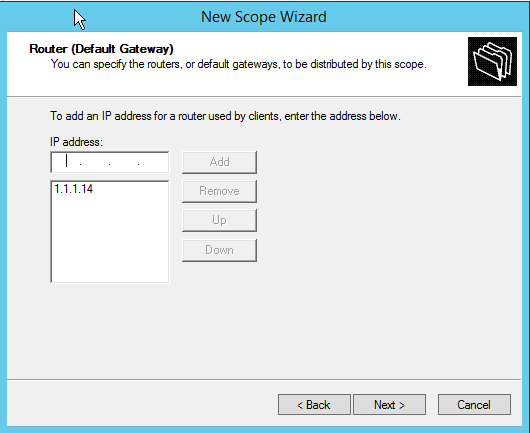
* 범위 아이피를 지정

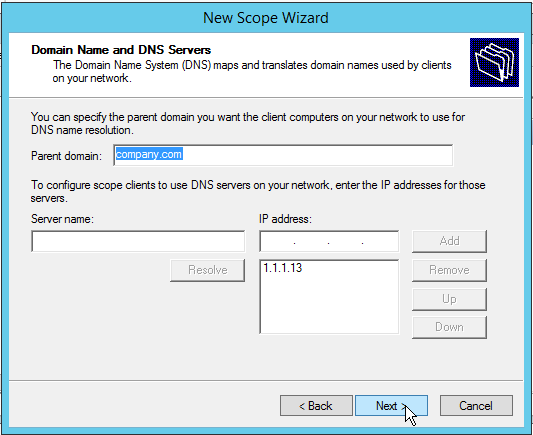


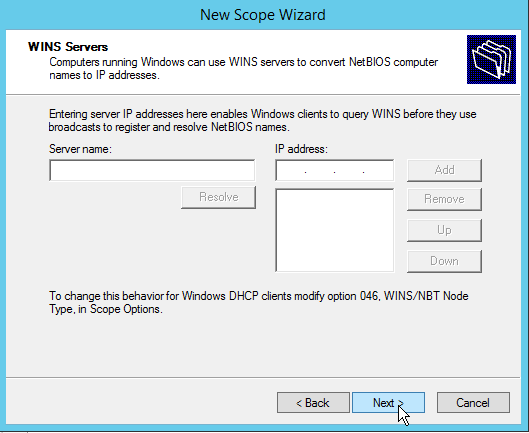
* 예외 아이피를 지정 (예시에서는 지정하지 않음)

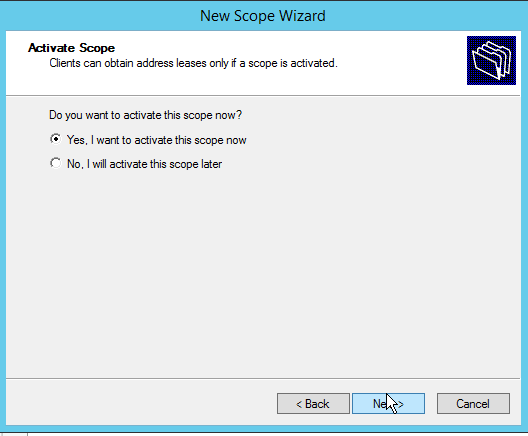


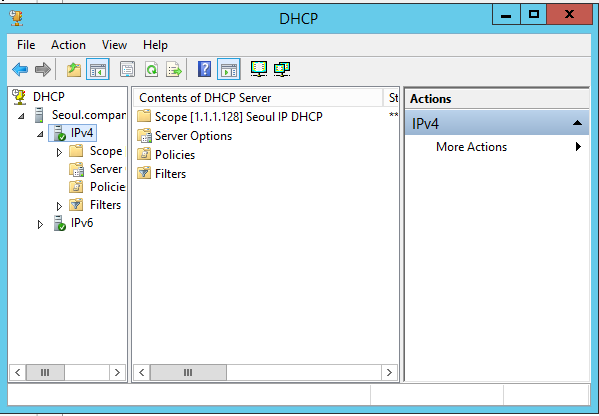












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#### 클라이언트 PC : aduser

서울 지사 소속 서버팀 사원

IP : DHCP 할당

PASSWORD : P@ssw0rd5

### AD 서버 관리

