

VM 및 Ubuntu 설치



Kwangwoon Univ.
School of Computer and Information Engineering



1. VMWare Workstation 설치

- VM웨어
 - 가상 머신 (Virtual Machine) 소프트웨어를 공급하는 기업
- 가상 머신
 - 가상 머신상에서 운영체제나 응용 프로그램을 설치 및 실행 가능
 - 동일한 물리적 기계에서 독립된 가상 환경 구축 가능



1. VMWare Workstation 설치

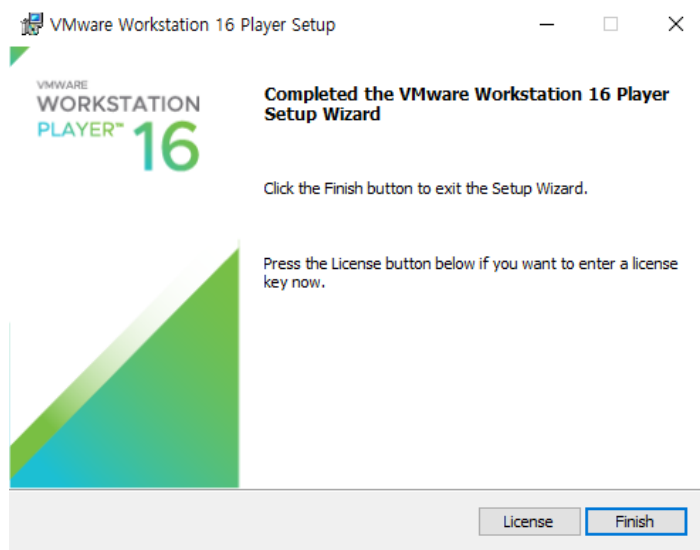
■ VMWare Workstation 16 Player 설치

- 설치 파일 다운

- <https://www.vmware.com/kr/products/workstation-player/workstation-player-evaluation.html>



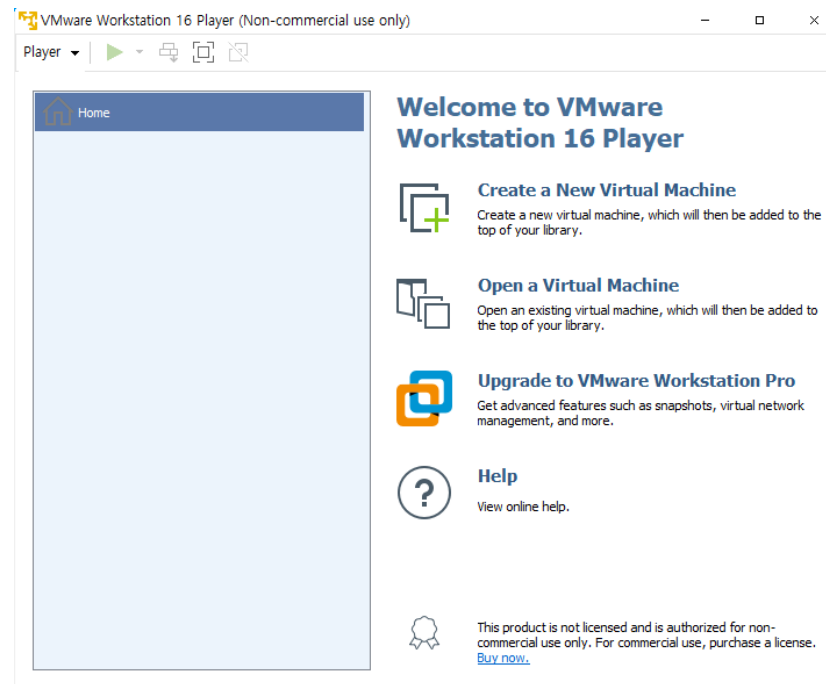
- 설치 파일 이용하여 진행
 - 마지막에 Finish 선택





1. VMWare Workstation 설치

- VMWare Workstation 16 Player 설치
 - 실행 후 Continue 클릭

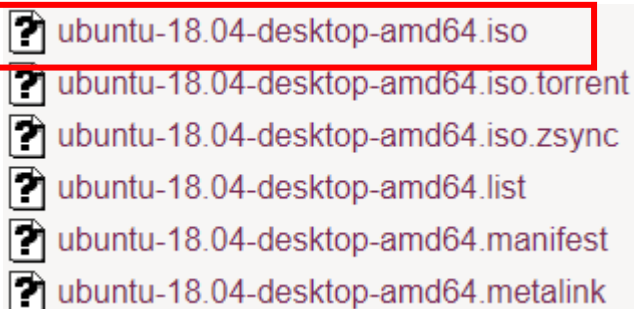


< 실행 화면 >

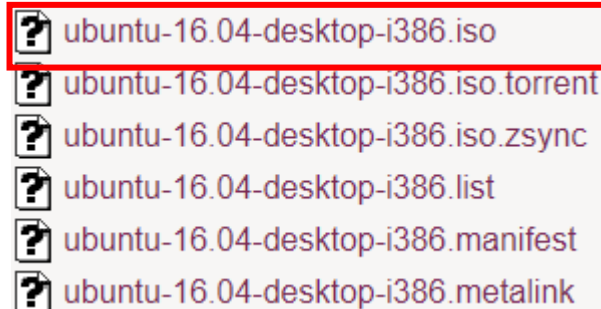


2. Ubuntu 설치

- 우분투(Ubuntu)
 - 리눅스 배포판 중 하나
- Ubuntu 18.04 ISO 파일 다운
 - <http://old-releases.ubuntu.com/releases/bionic/>
 - <http://old-releases.ubuntu.com/releases/16.04.0/>
 - 32bit 환경인 경우 16.04로 다운로드(Ubuntu 18.04는 32bit를 지원X)
 - 본인 사양에 맞는 iso 파일 선택
 - 32bit -> desktop-i386.iso 파일
 - 64bit -> dsktop-amd64.iso 파일



? ubuntu-18.04-desktop-amd64.iso
? ubuntu-18.04-desktop-amd64.iso.torrent
? ubuntu-18.04-desktop-amd64.iso.zsync
? ubuntu-18.04-desktop-amd64.list
? ubuntu-18.04-desktop-amd64.manifest
? ubuntu-18.04-desktop-amd64.metalink



? ubuntu-16.04-desktop-i386.iso
? ubuntu-16.04-desktop-i386.iso.torrent
? ubuntu-16.04-desktop-i386.iso.zsync
? ubuntu-16.04-desktop-i386.list
? ubuntu-16.04-desktop-i386.manifest
? ubuntu-16.04-desktop-i386.metalink



2. Ubuntu 설치

- 다운로드가 느릴 경우
 - 미리 사이트에서 다운로드
 - <http://mirror.kakao.com/ubuntu-releases/18.04/>

ubuntu-18.04.6-desktop-amd64.iso

ubuntu-18.04.6-desktop-amd64.iso.torrent

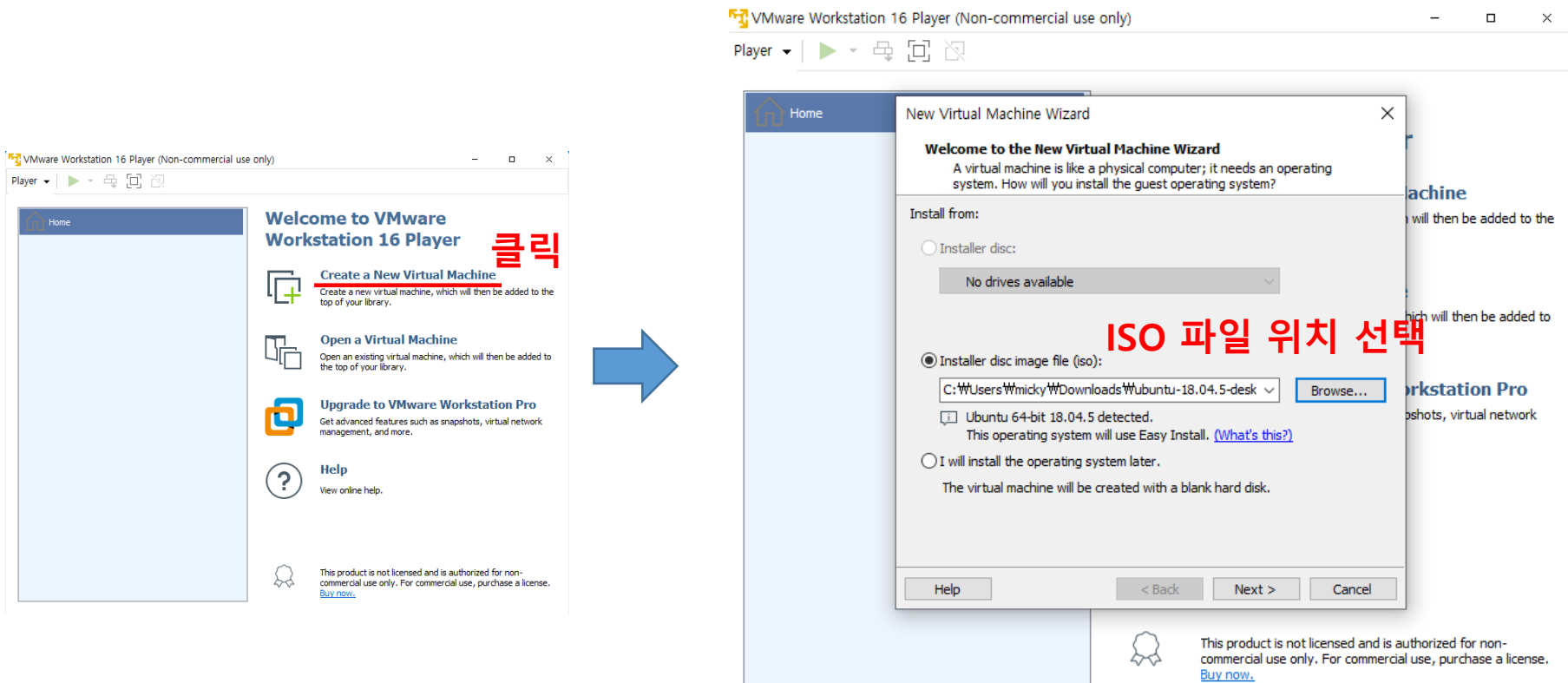
ubuntu-18.04.6-desktop-amd64.iso.zsync

ubuntu-18.04.6-desktop-amd64.list



2. Ubuntu 설치

■ Ubuntu 18.04 설치



VMware Workstation 16 Player (Non-commercial use only)

Player

Home

Welcome to VMware Workstation 16 Player

Create a New Virtual Machine

Open a Virtual Machine

Upgrade to VMware Workstation Pro

Help

This product is not licensed and is authorized for non-commercial use only. For commercial use, purchase a license. [Buy now.](#)

New Virtual Machine Wizard

Welcome to the New Virtual Machine Wizard

A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

☐ Installer disc:

No drives available

☒ Installer disc image file (iso):

C:\Users\Wmicky\Downloads\Wubuntu-18.04.5-desk

Browse...

ISO 파일 위치 선택

Ubuntu 64-bit 18.04.5 detected.

This operating system will use Easy Install. [What's this?](#)

☐ I will install the operating system later.

The virtual machine will be created with a blank hard disk.

Help

< Back

Next >

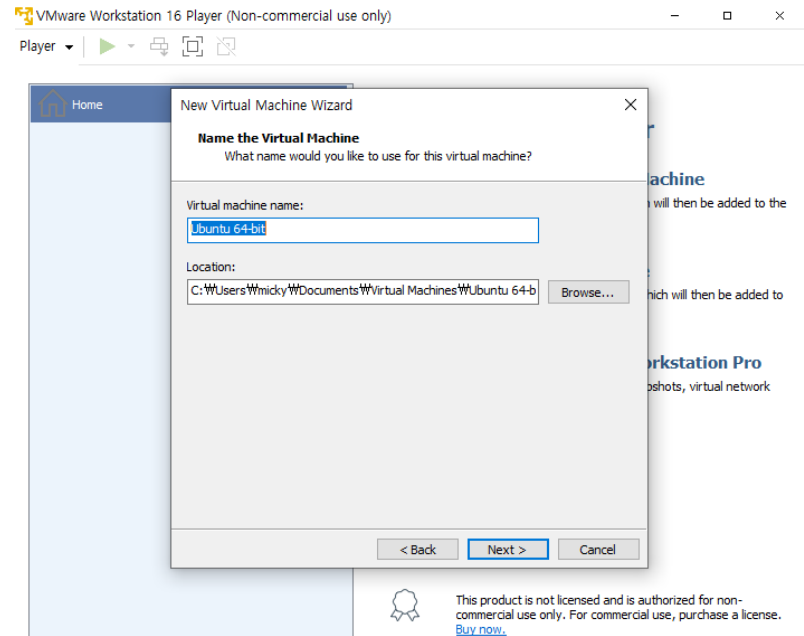
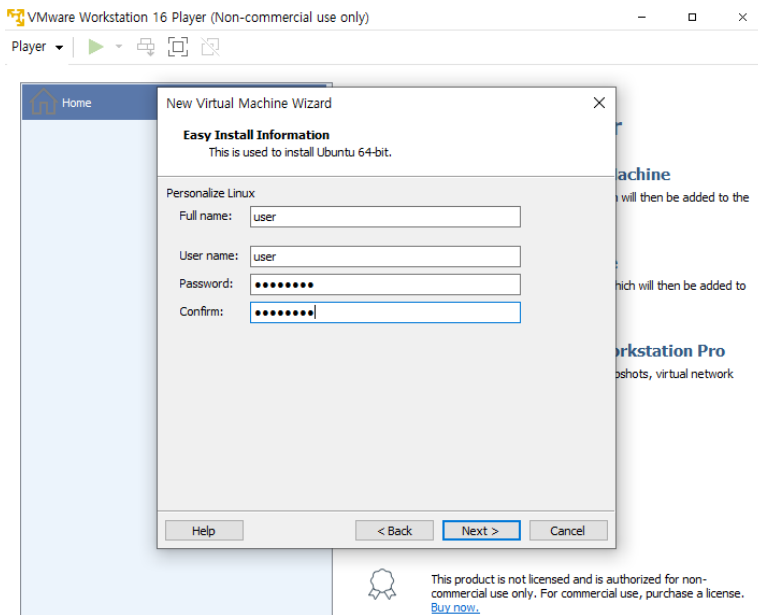
Cancel

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2. Ubuntu 설치

- Ubuntu 18.04 설치
 - name, password, location은 개인별 자유 선택

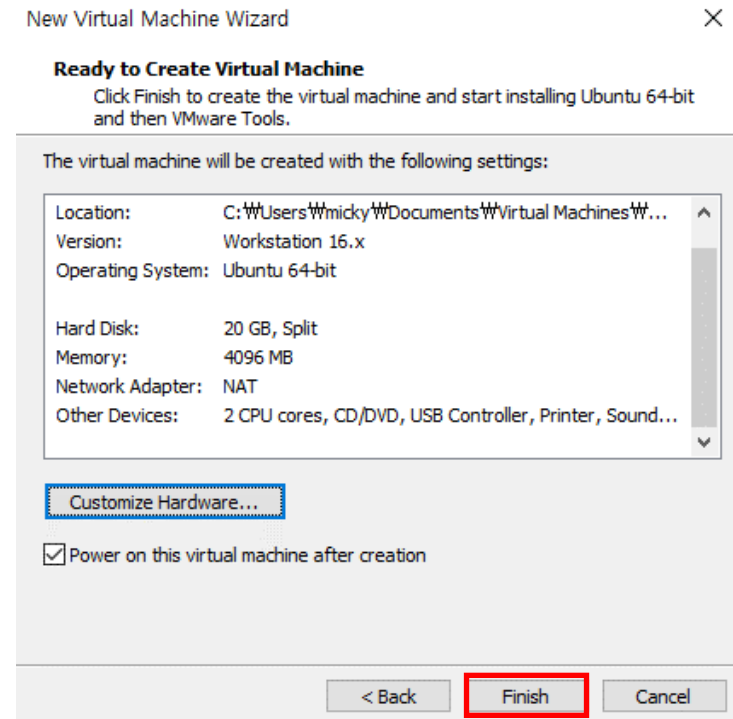
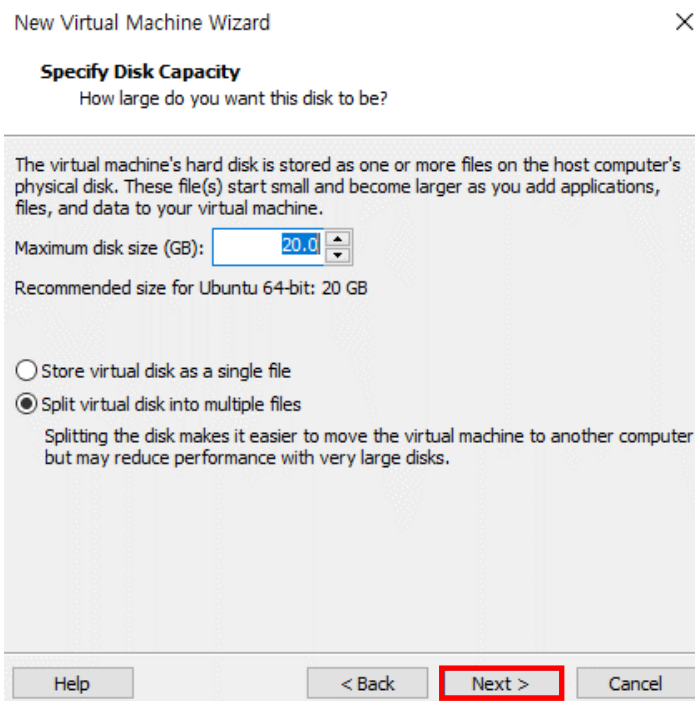




2. Ubuntu 설치

■ Ubuntu 18.04 설치

※ 본인 컴퓨터 사양에 따라 설정 변경 가능





2. Ubuntu 설치

- Ubuntu 18.04 설치

Software Updates



The following software is available for download:

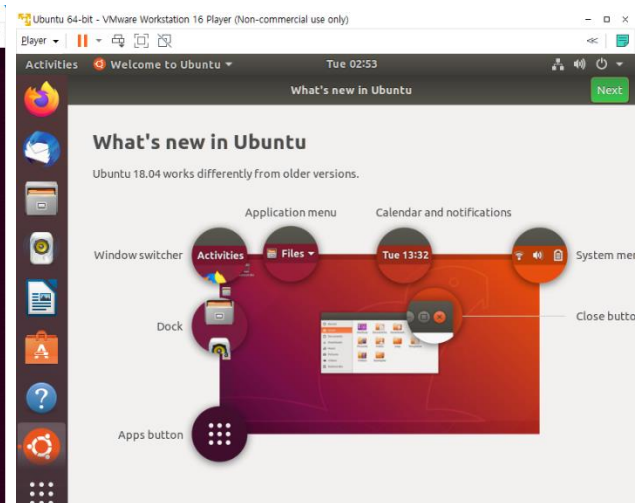
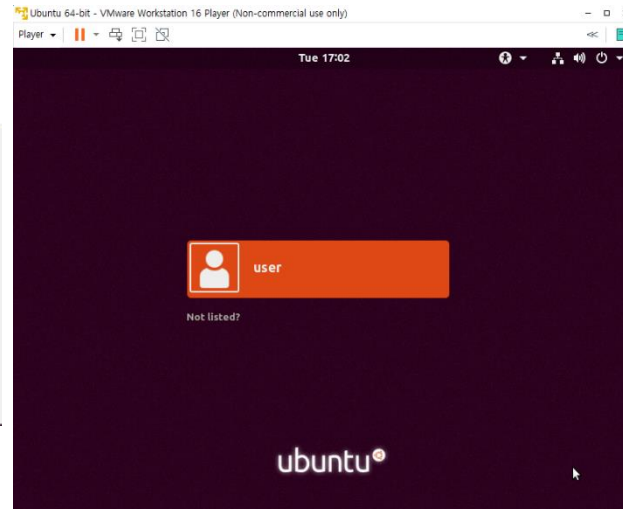
VMware Tools for Linux - version 10.3.23

⚠ If you do not download VMware Tools, Easy Install will not fully complete.

What would you like to do?

Download and Install

Remind Me Later

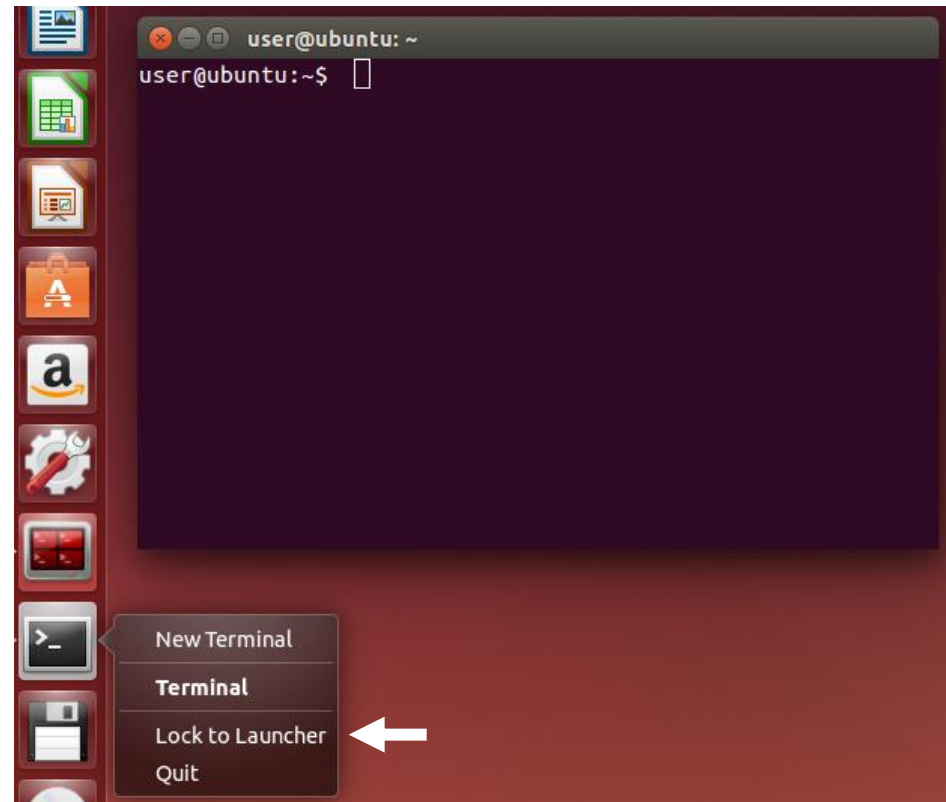
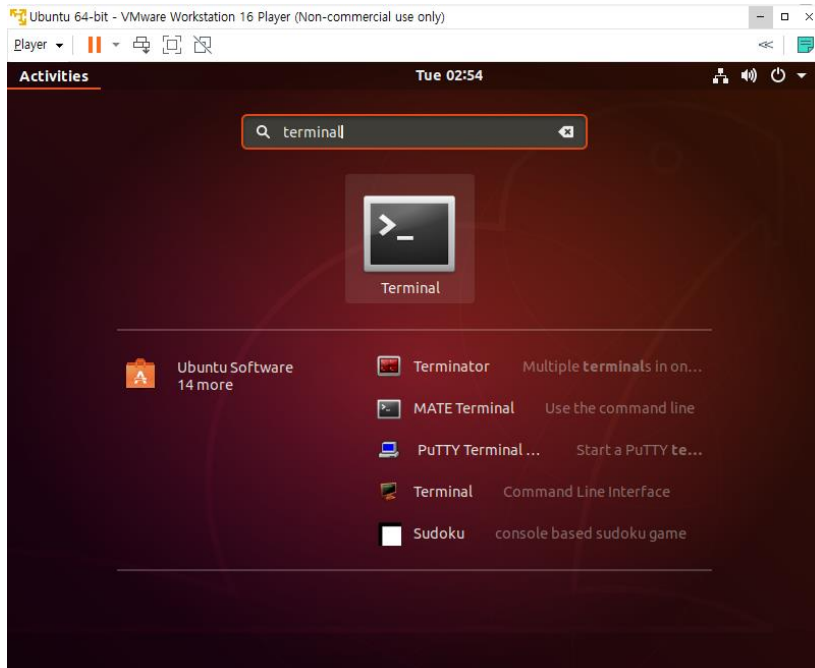




3. Ubuntu 사용

■ 터미널

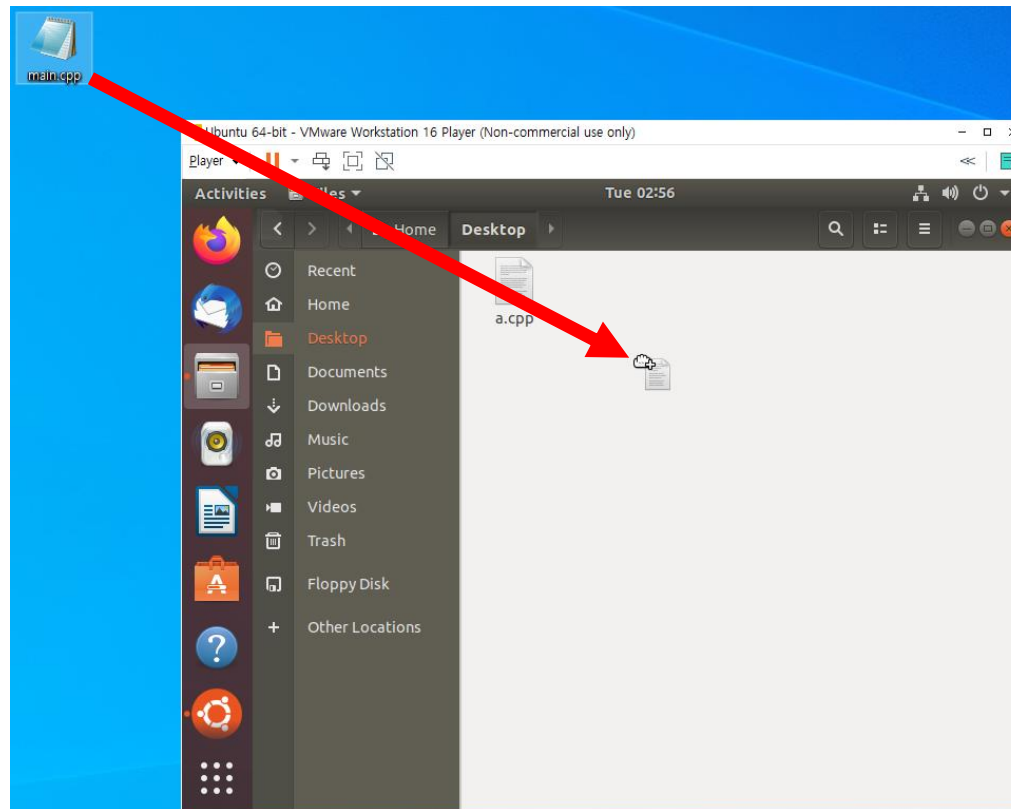
- CLI(Command line interface)
- 텍스트 터미널을 통해 사용자와 컴퓨터가 상호 작용
- terminal 열기 (단축키: Ctrl + Alt + t)





3. Ubuntu 사용

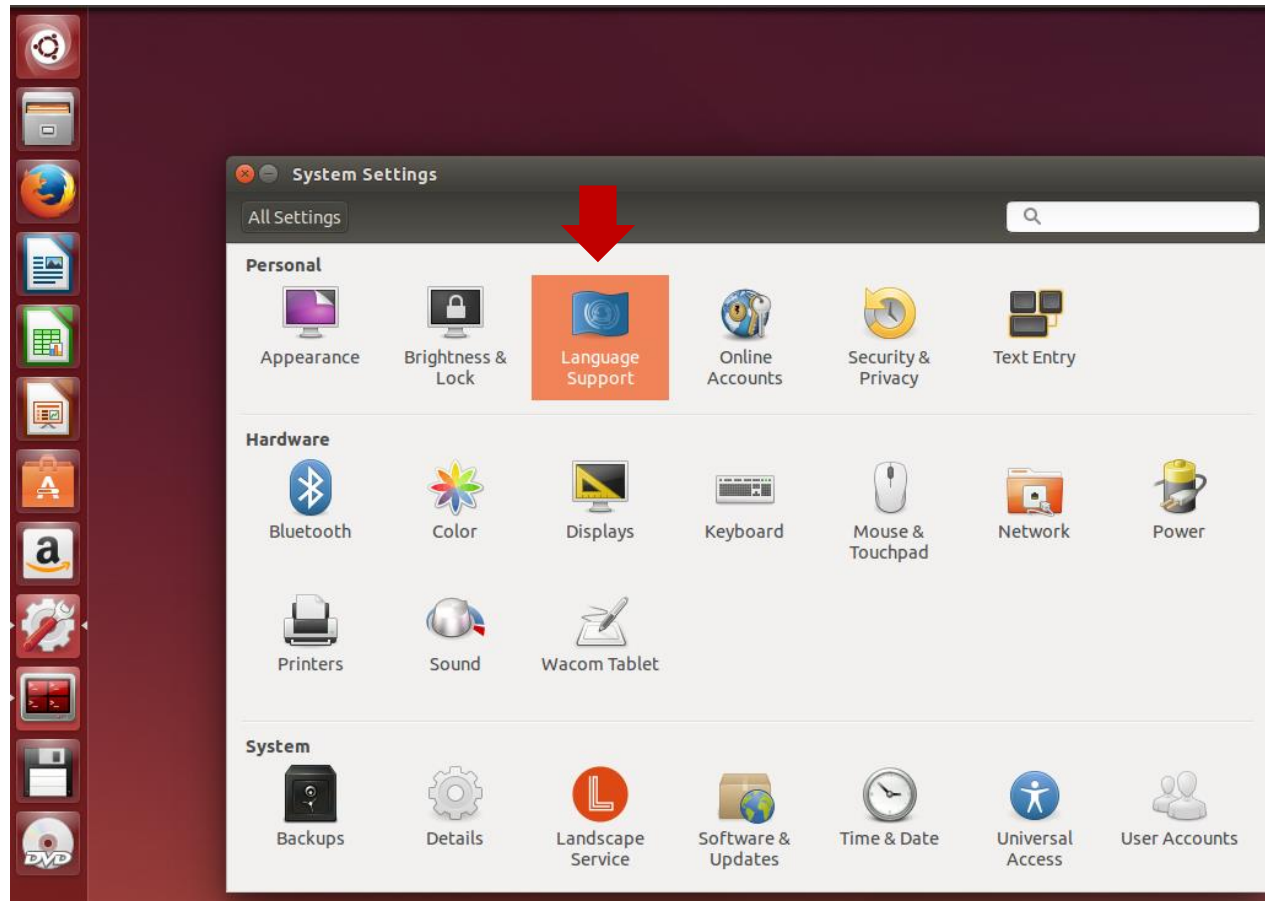
- 윈도우파일을 가상머신 운영체제로 옮기기
 - drag-and-drop
 - 인터넷 이용(메일, 웹하드 등)



3. Ubuntu 사용

- 한글 입력&출력 설정

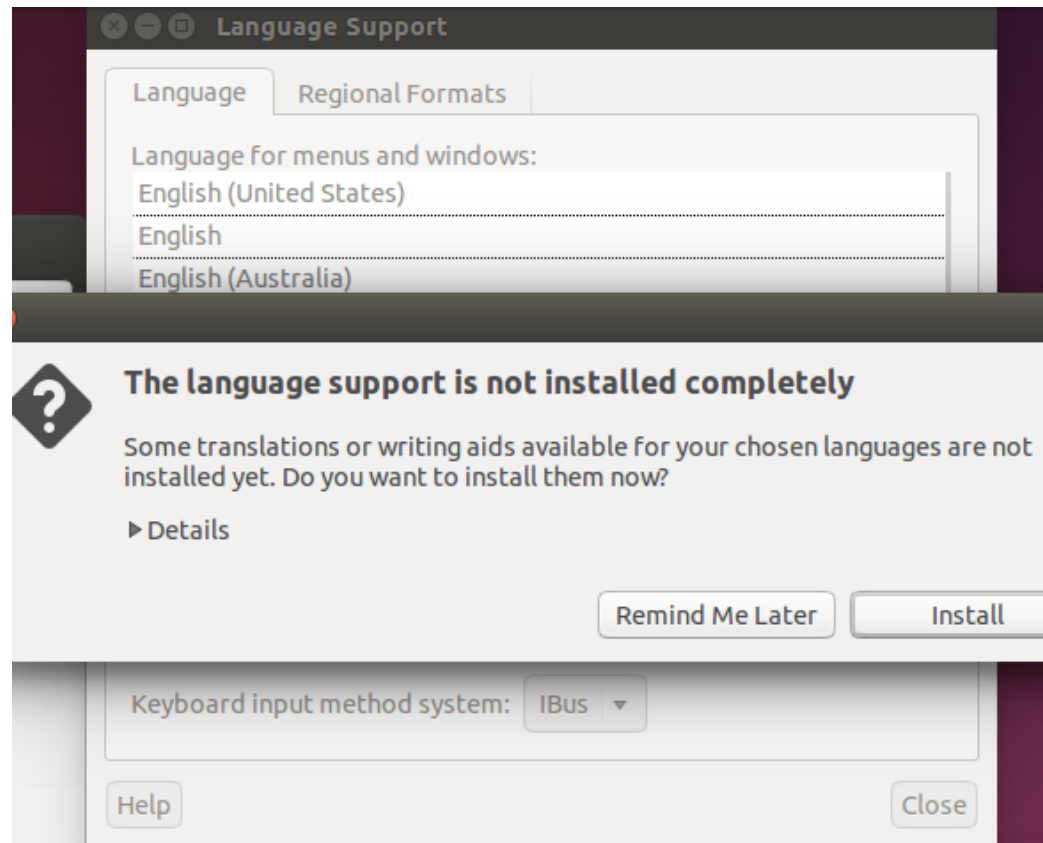
클릭





3. Ubuntu 사용

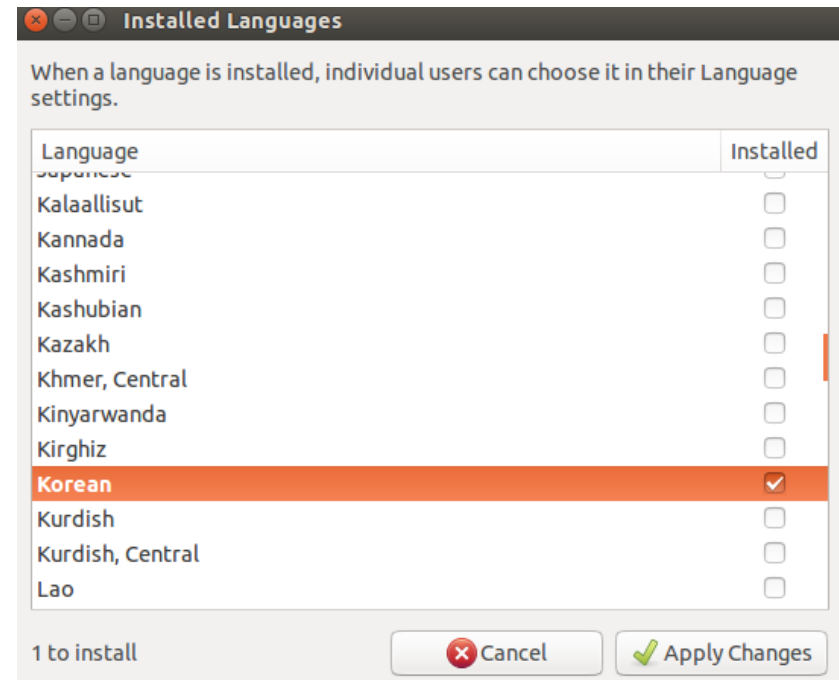
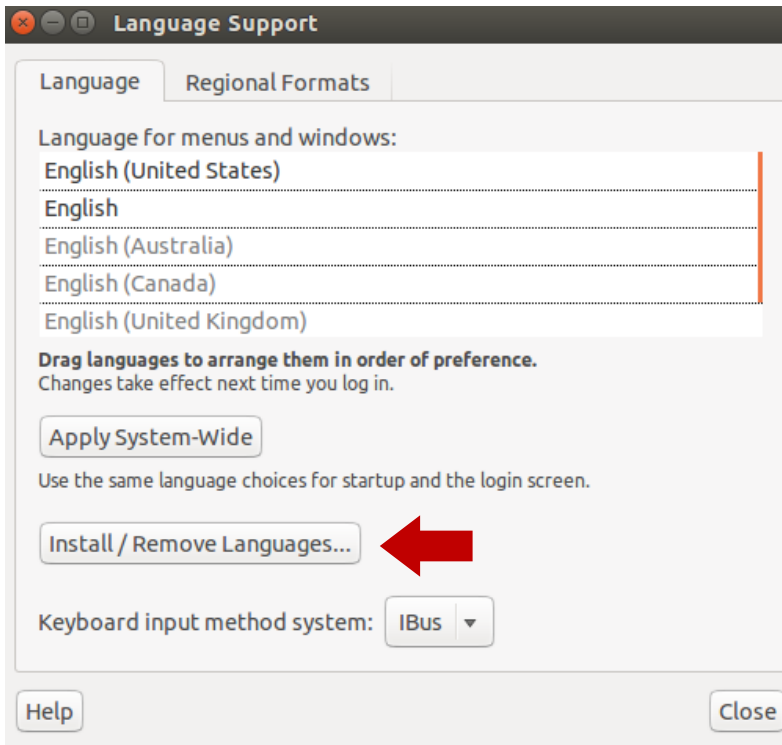
- 한글 입력&출력 설정





3. Ubuntu 사용

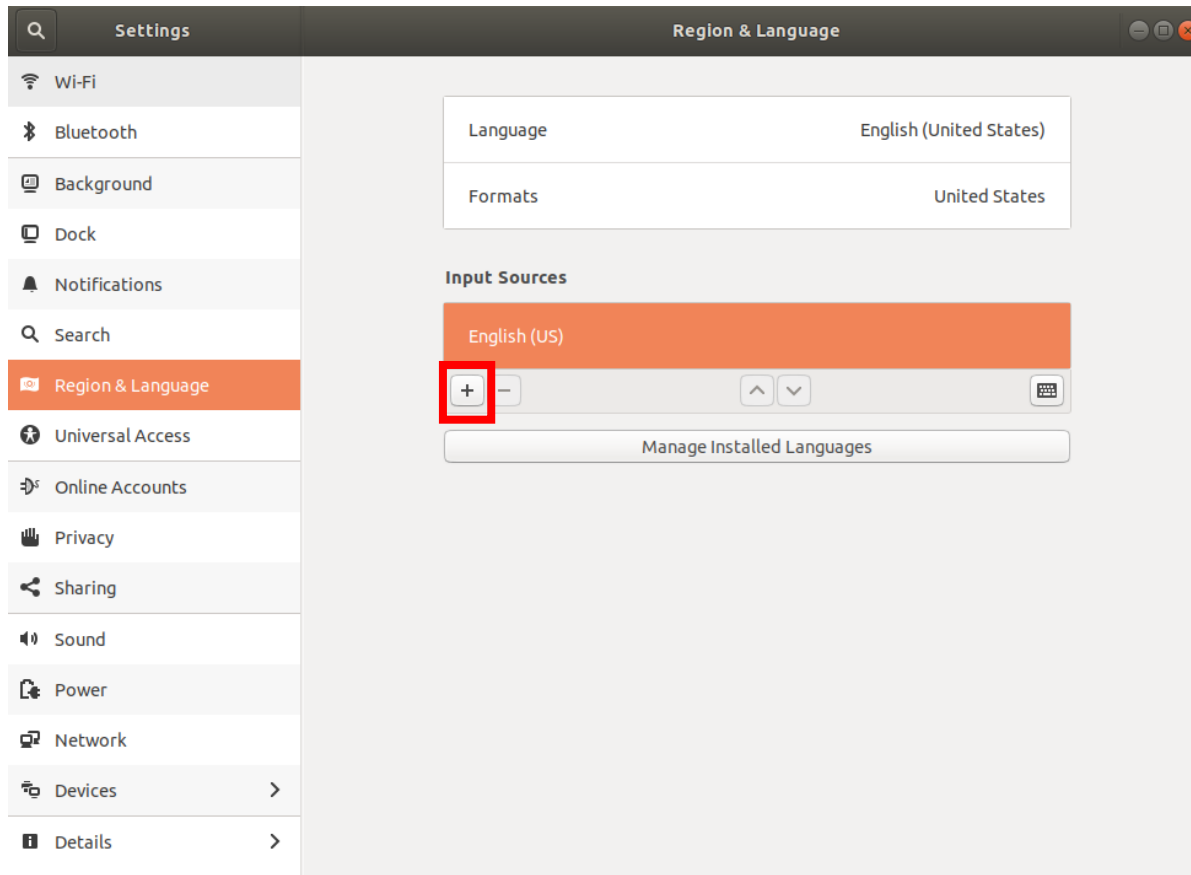
■ 한글 입력&출력 설정





3. Ubuntu 사용

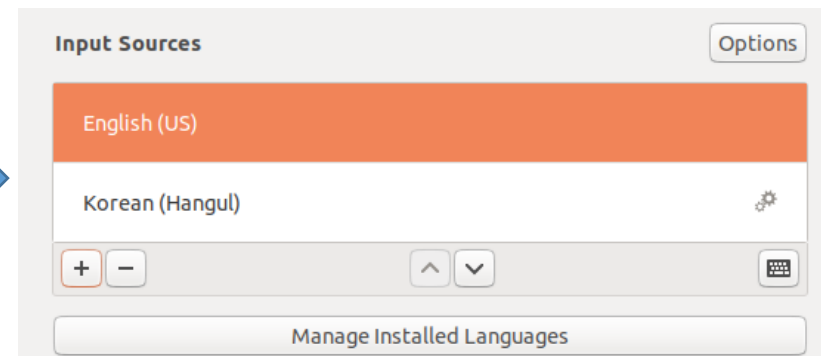
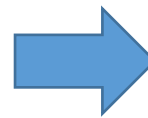
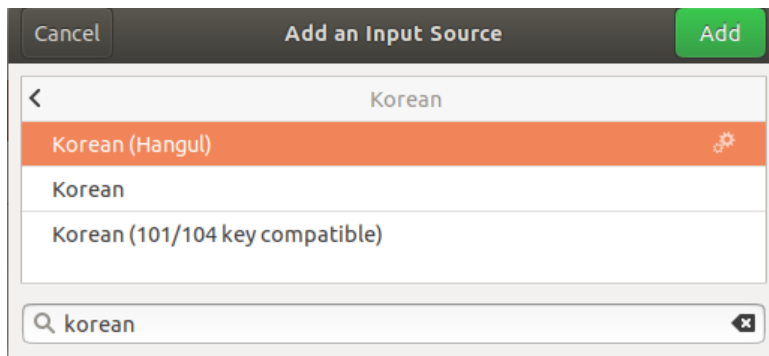
- 한글 입력&출력 설정
 - **sudo reboot**
 - 리부팅 후, settings->Region & Language로 이동





3. Ubuntu 사용

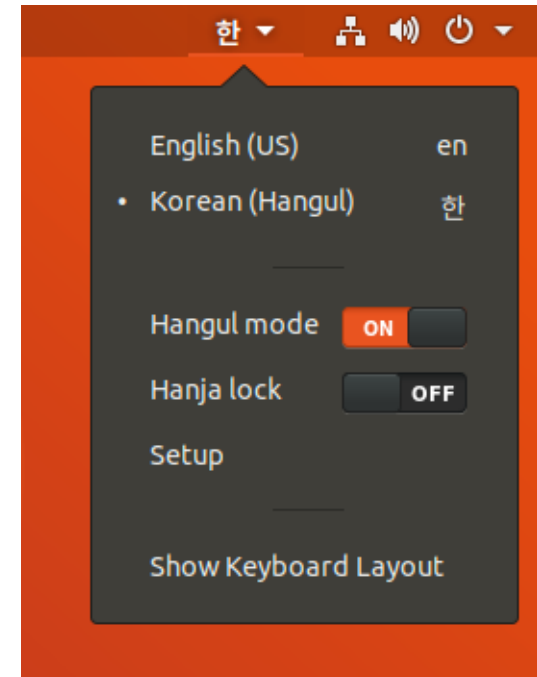
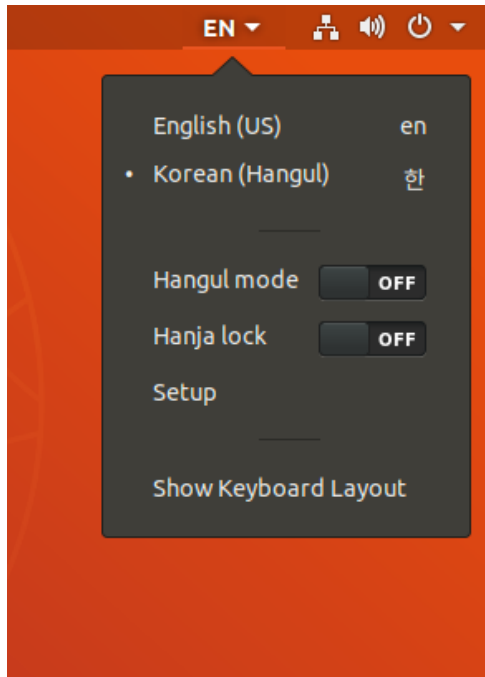
- 한글 입력&출력 설정
 - Hangeul 추가
 - 윈도우+ 스페이스바로 언어 변경가능
 - 변경이 안되면 `sudo reboot`로 재시작





3. Ubuntu 사용

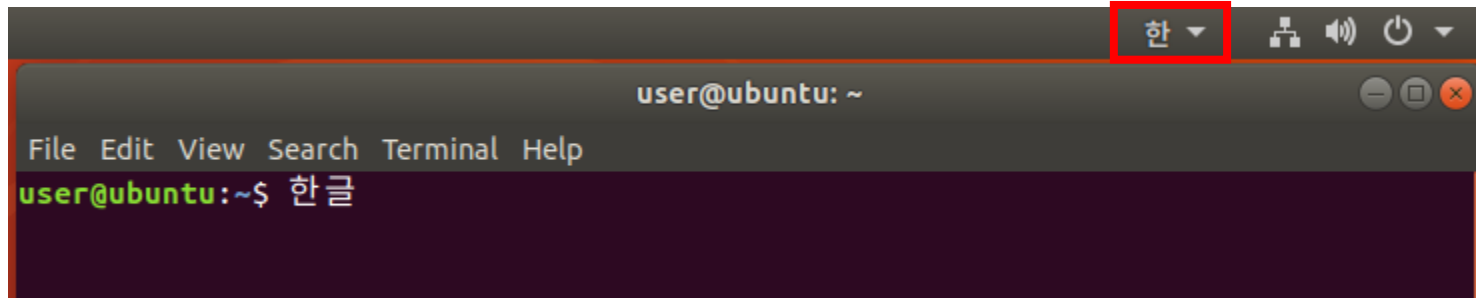
- 한글 입력&출력 설정
 - 변경 후 입력인 안되는 경우 hangul mode on으로 변경





3. Ubuntu 사용

- 한글 입력&출력 설정
 - 한글 입력이 가능한 화면



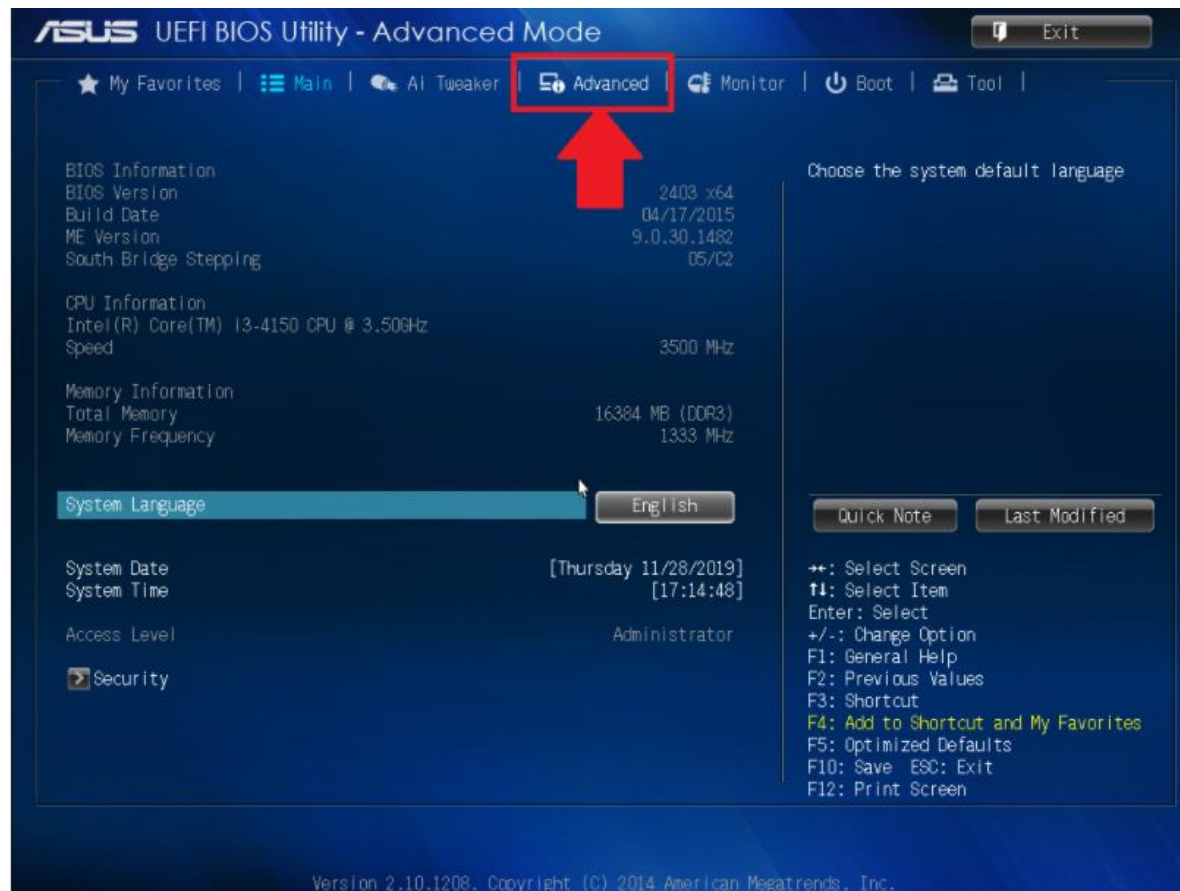


- VMWare Workstation 16 Player 설치가 안되는 경우
 - 컴퓨터 재시작 후 BIOS 진입 이후 고급 모드 선택





- VMWare Workstation 16 Player 설치가 안되는 경우
 - 고급 탭 선택





부록

- VMWare Workstation 16 Player 설치가 안되는 경우
 - 고급 탭에서 Intel 가상화 기술을 찾아서 Disabled가 되어있을 경우 Enabled로 변경하고 수정 후 재시작

