

1. SDK 다운로드

<https://www.xilinx.com/support/download/index.html/content/xilinx/en/downloadNav/vivado-design-tools/archive.html>

Downloads

[Installation Overview Video](#)

[Doc Navigator Video \(5:28\)](#)

[Licensing Help](#)

Vivado

Embedded Development

SDSoC Development Environment

SDAccel Development Environment

ISE

Device Models

CAE Vendor Libraries

Version

Archives Downloads are not maintained. We strongly recommend using the latest releases available.

2018.1

2017.4

Archive

2017

2017.3

2017.2

2017.1

2016

2016.4

2016.3

2016.2

2016.1

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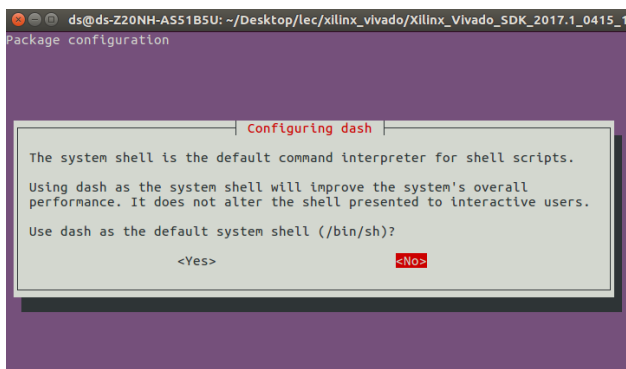
회원 가입 후 2017.1 버전 All OS installer Single-File 다운로드

[Vivado HLx 2017.1: All OS installer Single-File Download](#) (TAR/GZIP - 20.21 GB)

<다운로드 완료 후>

터미널 명령어

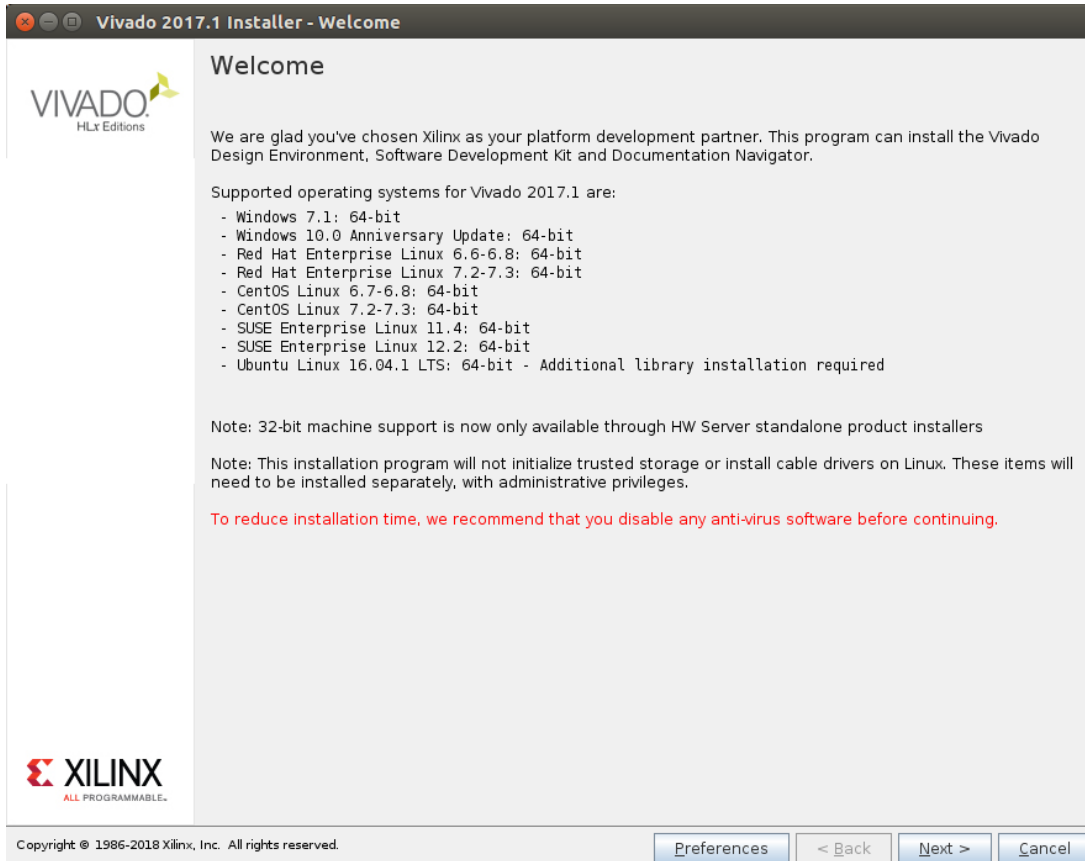
```
cd ~
mkdir xilinx_vivado
cd xilinx_vivado
mv ~/Download/Xilinx_Vivado_SDK_2017.1_0415_1.tar.gz ./
tar zxvf Xilinx_Vivado_SDK_2017.1_0415_1.tar.gz
cd Xilinx_Vivado_SDK_2017.1_0415_1
sudo dpkg-reconfigure dash
```



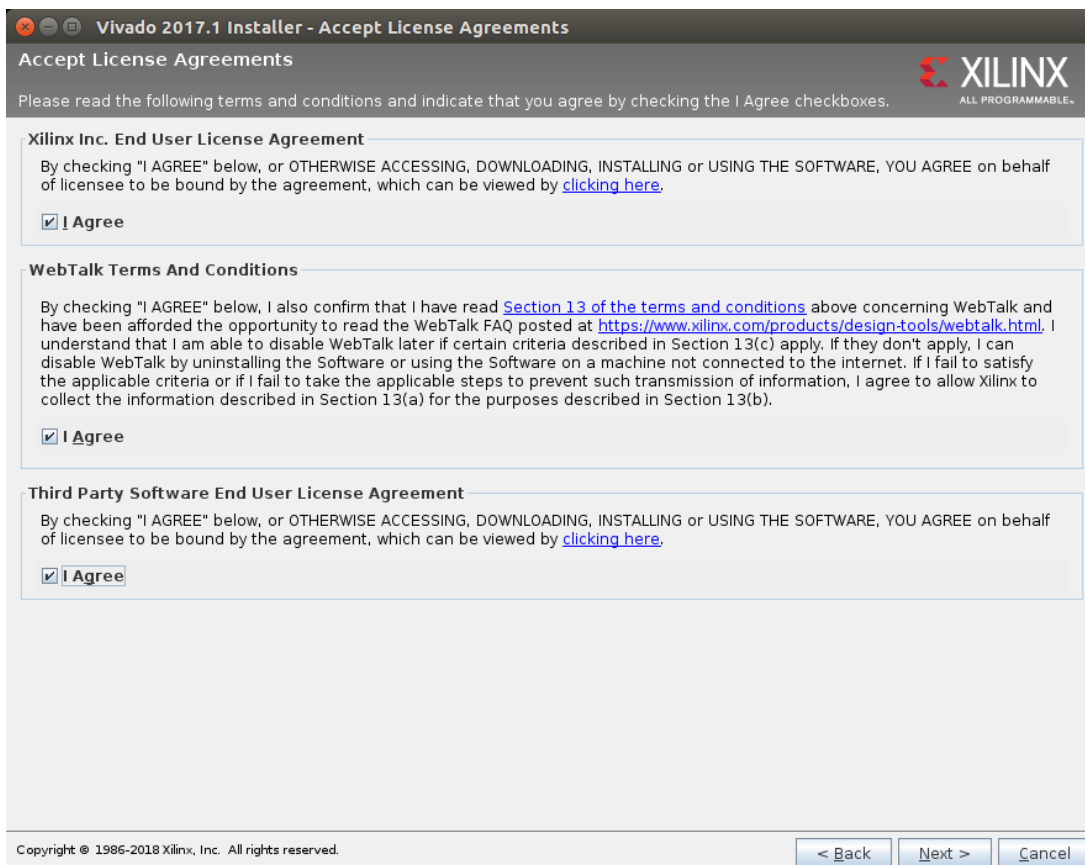
창이 뜨면 <No> 선택

```
sudo ./xsetup
```

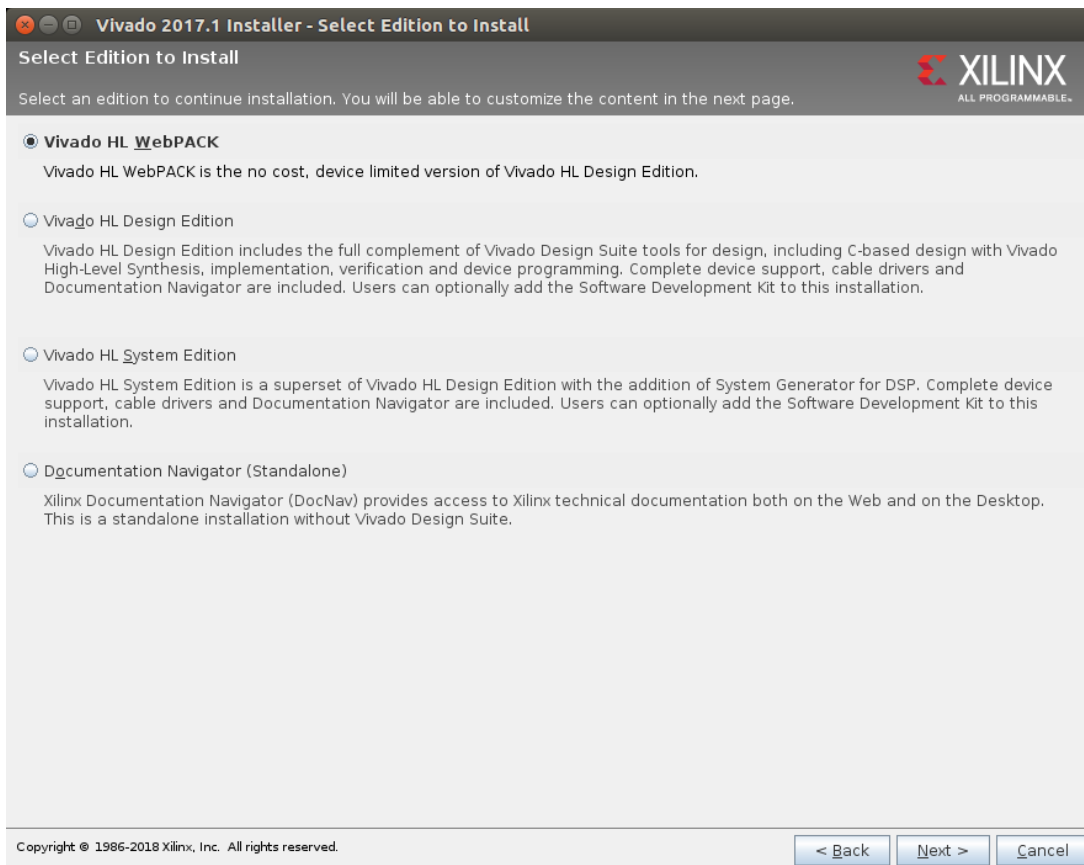
<Vivado installer 실행 됨>



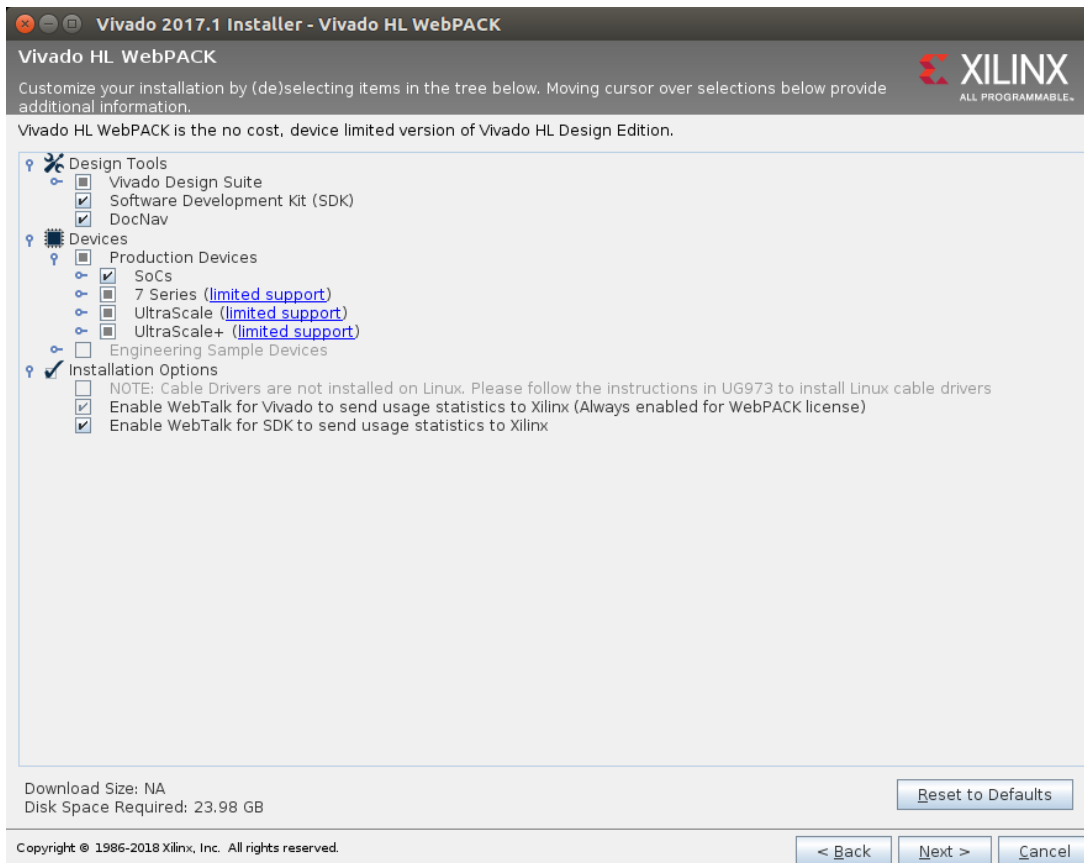
Next 클릭



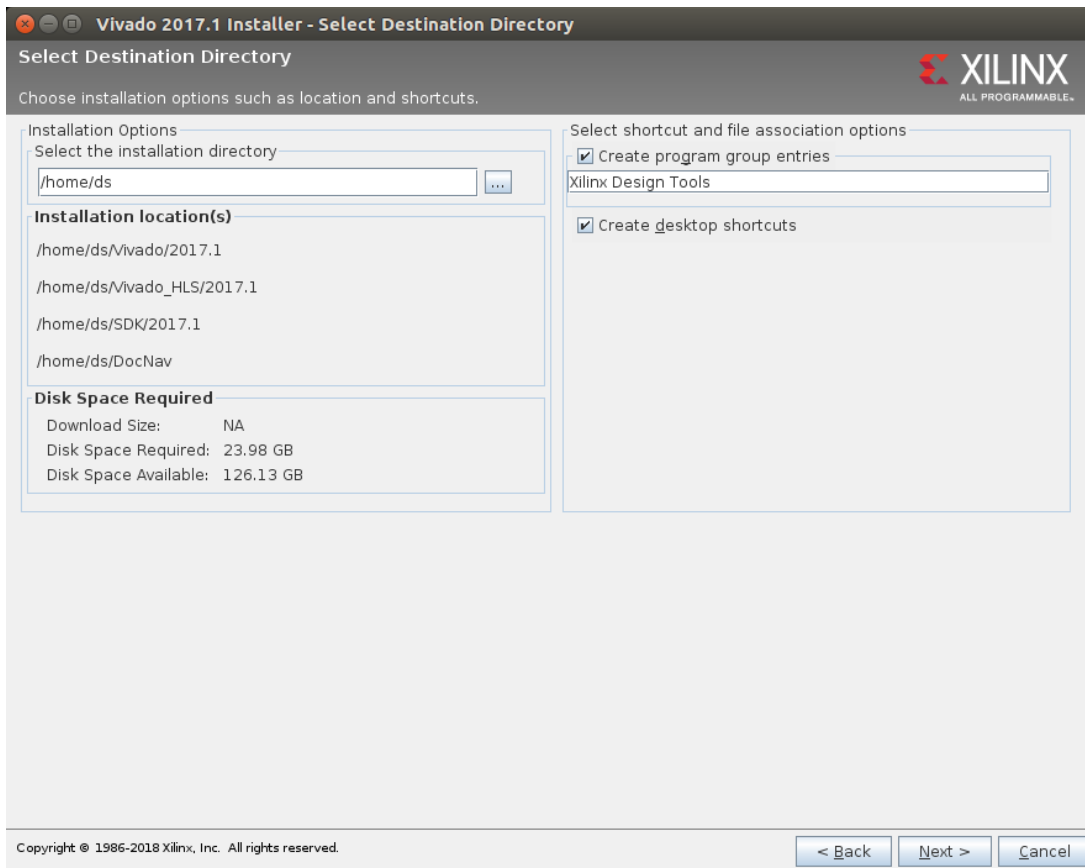
“I Agree” check 후 Next 클릭



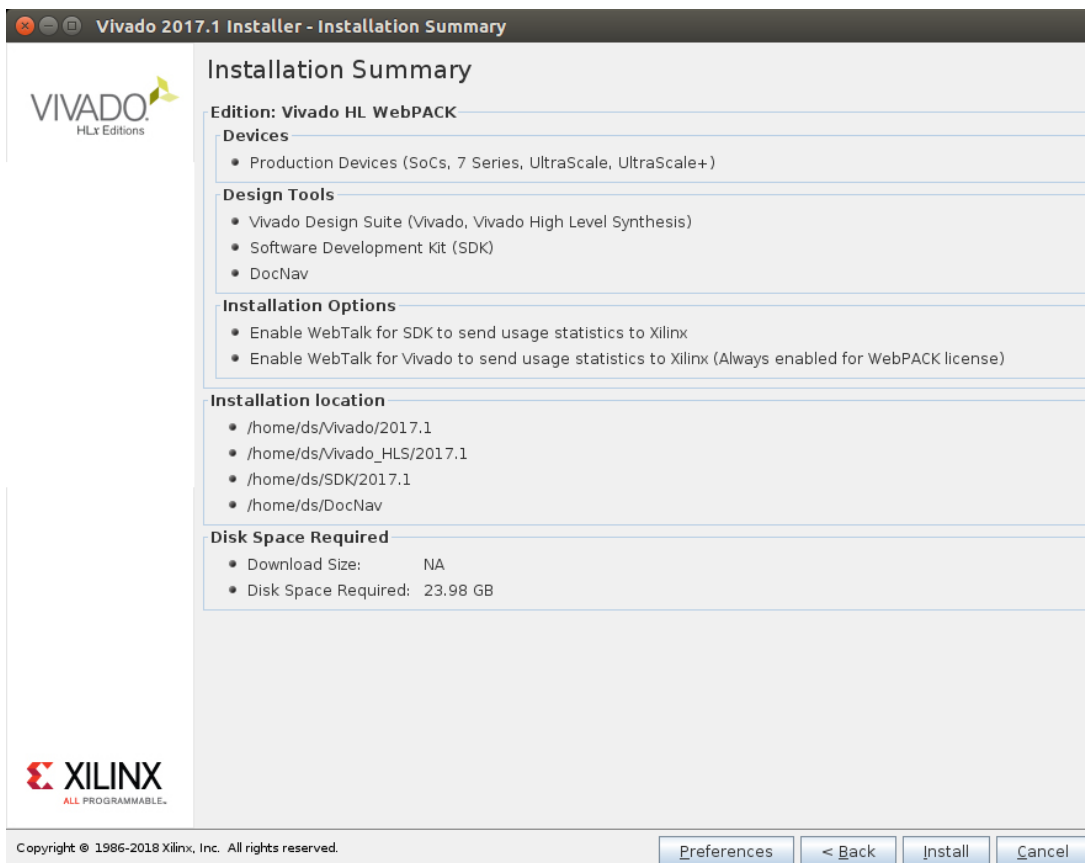
Vivado HL WebPACK 선택 후 Next 클릭



선택 가능한 check box 모두 check 하고 Next 클릭

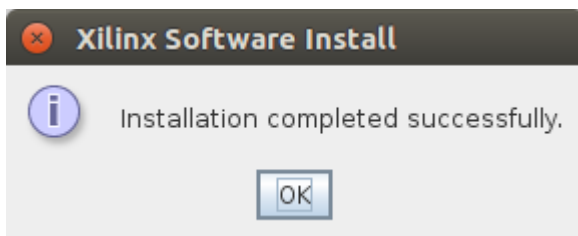


컴퓨터 상황에 맞게 Installation directory 변경 후 Next 클릭



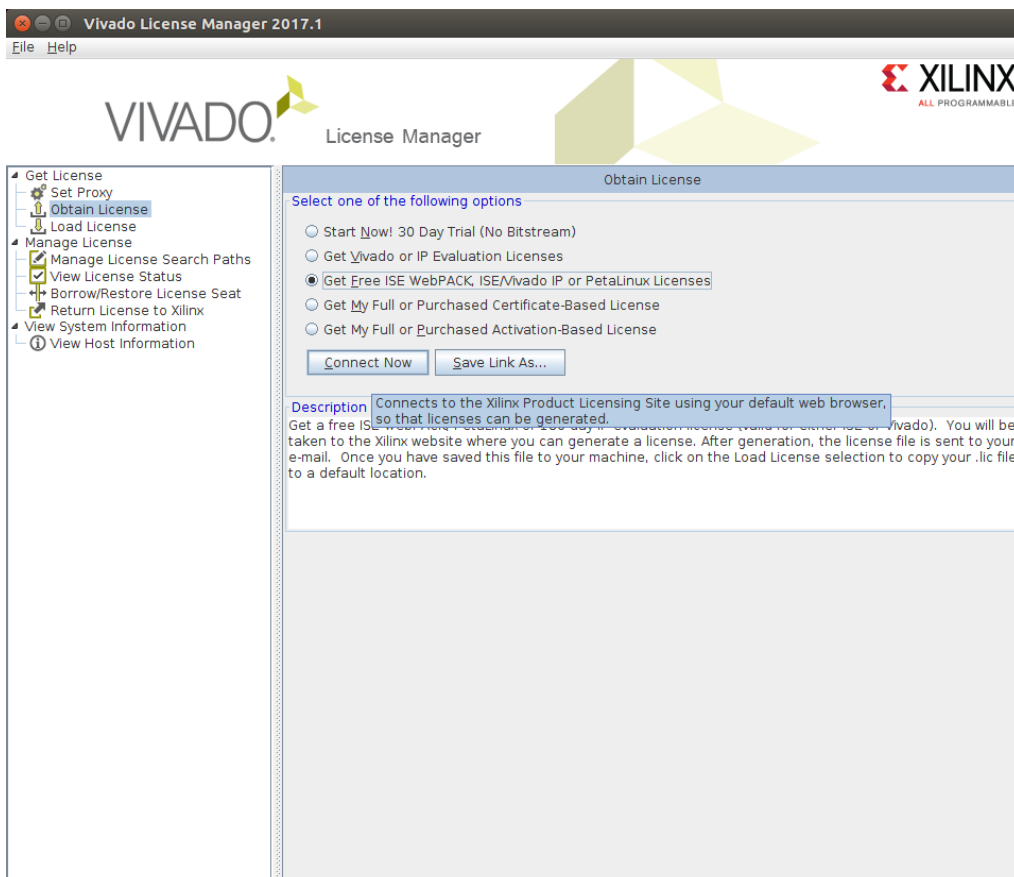
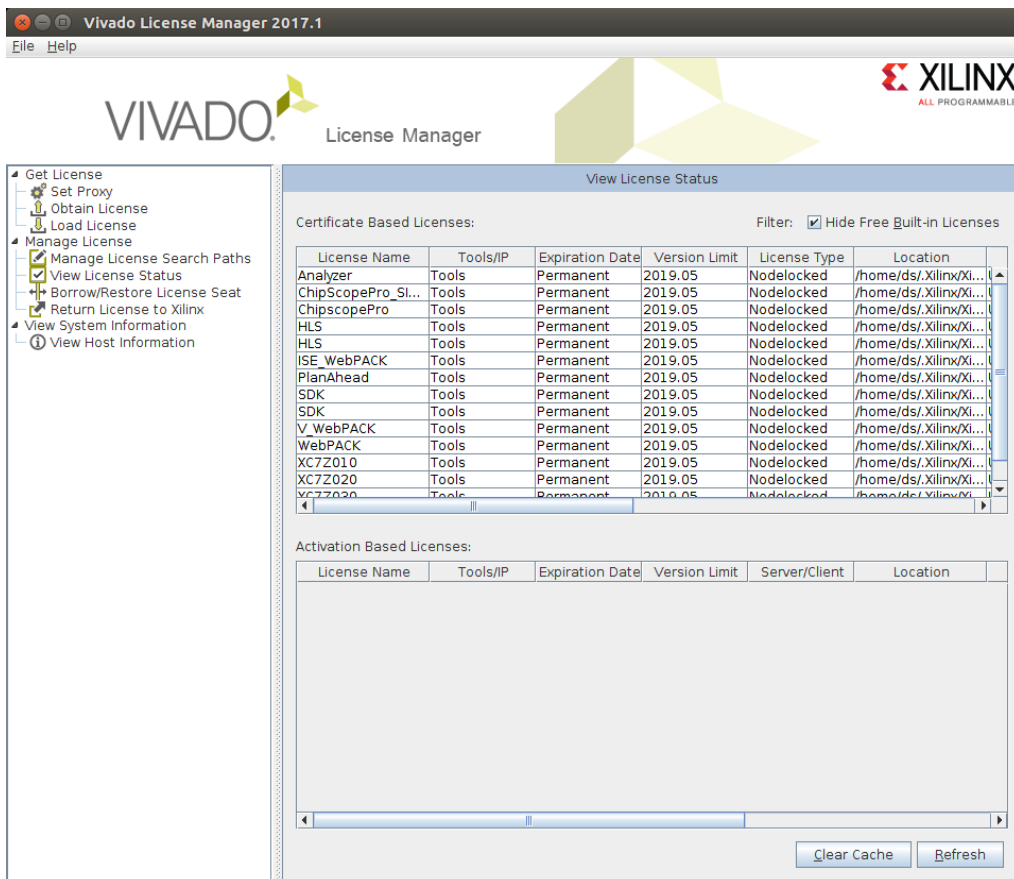
Install 클릭

<Install 시작>

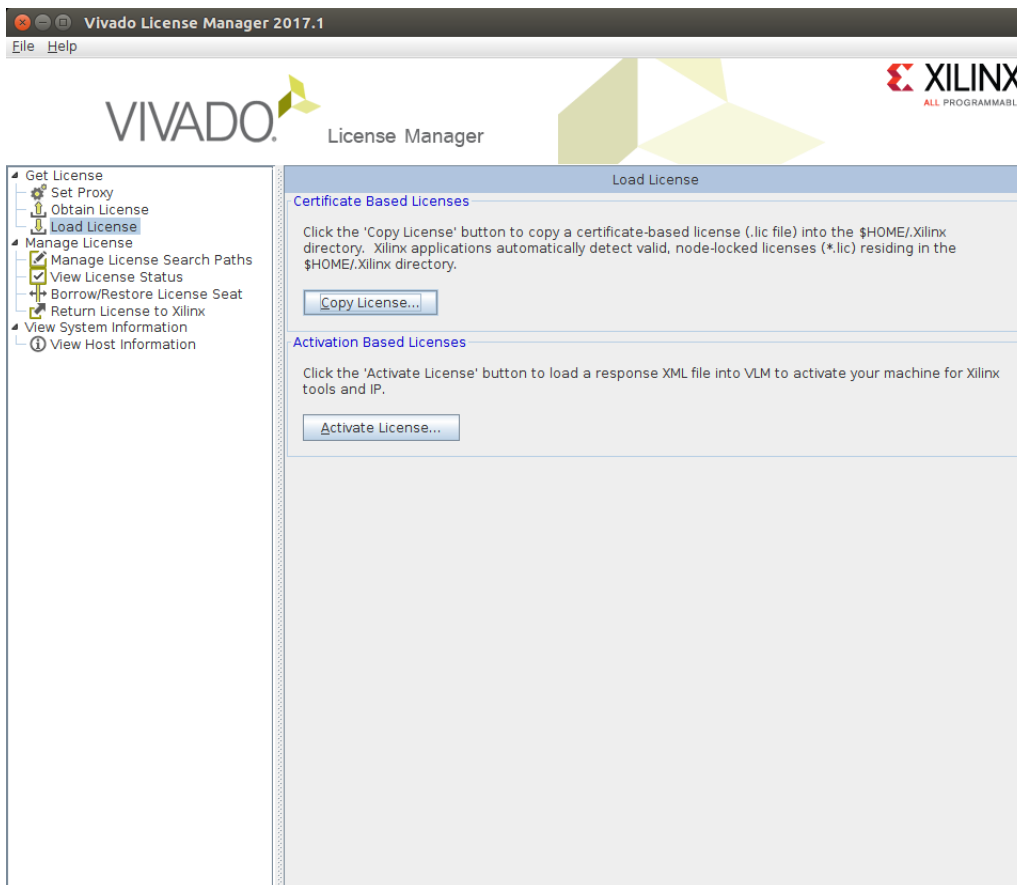


터미널 명령어(Vivado 가 설치 된 위치에서)

```
cd Vivado/2017.1/bin  
./vlm
```



왼편 “Obtain License” 클릭 후 “Get Free ISE WebPACK, ISE/Vivado IP or PetaLinux Licenses” 선택 후 Connect Now 클릭하여 이메일로 Licenses 파일 다운받기



왼편에서 “Load License” 클릭 후 “Copy License” 클릭하여 방금 이메일로 받은 Licenses 파일 선택하기

2. 바탕화면에 바로가기 만들기

< vivado.desktop 파일 생성>

```
#!/usr/bin/env xdg-open
[Desktop Entry]
Name=Xilinx Vivado
Type=Application
Exec=/home/ds/Xilinx/Vivado/2017.1/bin/vivado
Terminal=false
Icon=/home/ds/Xilinx/Vivado/2017.1/doc/images/vivado_logo.ico
Comment=Xilinx Vivado Program
NoDisplay=false
Categories=Development;IDE;
Name[en]=Vivado
```

< sdk.desktop 파일 생성 >

```
#!/usr/bin/env xdg-open
[Desktop Entry]
Name=Xilinx SDK
Type=Application
Exec=/home/ds/Xilinx/SDK/2017.1/bin/xsdk
Terminal=false
Icon=/home/ds/Xilinx/SDK/2017.1/data/sdk/images/sdk_logo.ico
Comment=Xilinx SDK Program
```

```
NoDisplay=false  
Categories=Development;IDE;  
Name[en]=SDK
```

바탕화면에 생성된 ‘vivado.desktop’, ‘sdk.desktop’ 파일을 우클릭 해서 Properties 클릭하고 Permissions 탭으로 들어가서 Allow executing file as program 을 체크하면 바탕화면에 바로가기 생성된다.

3. 리눅스 USB 드라이버 설치

< 터미널 명령어 Xilinx 설치 파일 위치로 이동 >

```
cd ~/Xilinx/Vivado/2017.1/data/xicom/cable_drivers/lin64/install_script/install_drivers/  
sudo ./install_drivers
```