

## [Hadoop] cloudera CDH5 사용 준비

### 학습 목표

가. cloudera CDH5 사용 및 설치

나. VirtualBox 시작 후, 환경 설정

### 목차

## [Hadoop] cloudera CDH5 사용 준비

### 01. cloudera 다운로드 후, 설치

(가) google에서 cloudera vm 으로 검색 후, 해당 페이지로 이동

'SELECT A PLATFORM'을 선택 후, 'Virtual Box' 선택하면, GET IT NOW 버튼이 활성화가 된다.

Download QuickStarts for CDH 5.13

안전함 | [https://www.cloudera.com/downloads/quickstart\\_vms/5-13.html](https://www.cloudera.com/downloads/quickstart_vms/5-13.html)

Bookmarks: 밴드-모임이 쉬워진, Hurrah - Definition, (56) 바이오스핀, Any.do, K-ICT 빅데이터 센터, 기타 북마크

# cloudera

## QuickStarts for CDH 5.13

Virtualized clusters for easy installation on your desktop!

Cloudera QuickStart VMs (single-node cluster) make it easy to quickly get hands-on with CDH for testing, demo, and self-learning purposes, and include Cloudera Manager for managing your cluster. Cloudera QuickStart VM also includes a tutorial, sample data, and scripts for getting started.


Get Started Now

SELECT A PLATFORM

GET IT NOW →

Contact Sales

(나) 'GET IT NOW' 버튼 선택 후,  
정보를 입력하면 'CONTINUE' 버튼이 활성화가 되면 버튼을 선택한다.



# cloudera

## QuickStarts for Virtualized clusters for your desktop.

Cloudera QuickStart VMs (single) quickly get hands-on with CDH for learning purposes, and include Cloudera QuickStart sample data, and scripts for getting started.

**\*\* Cloudera QuickStarts, deployed via Docker, are intended or supported for use in production environments.**

**\*\*The current Quickstart VM is based on Cloudera QuickStart 5.10.0, which periodically releases updated versions with new features. Older versions are not available for download.**

### Downloading a Cloudera QuickStart VM

Cloudera QuickStart VMs are available for download. When possible, extract these files, when possible.

### Documentation

- Overview
- Getting Started

Sign in or complete our product interest form to continue.

SIGN IN

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First Name

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Job Title

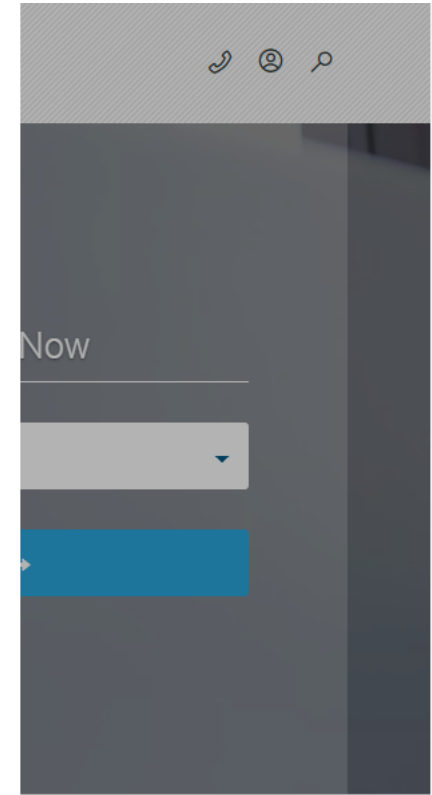
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CONTINUE



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(다) 위의 약관에 동의한다는 체크 박스를 선택 후, **SUBMIT 버튼을 선택**한 후, 다음으로 진행한다.

# cloudera

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versions are not available for download.\*\*

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Version 2017-06-29

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Thank You for your interest in Cloudera QuickStarts, your download details are below:

Your download should begin shortly. Please [Click Here](#) if it does not start automatically.

## Downloading a Cloudera QuickStart VM

Cloudera QuickStart VMs are available as Zip archives in Docker, VMware, KVM, and VirtualBox formats. Cloudera recommends that you use [7-Zip](#) to extract these files, when possible. (7-Zip performs well with large files.)

## Documentation

- [Overview](#)
- [Getting Started](#)
- [System Requirements and Prerequisites](#)
- [Cloudera 5 Documentation](#)
- [Help guide](#)

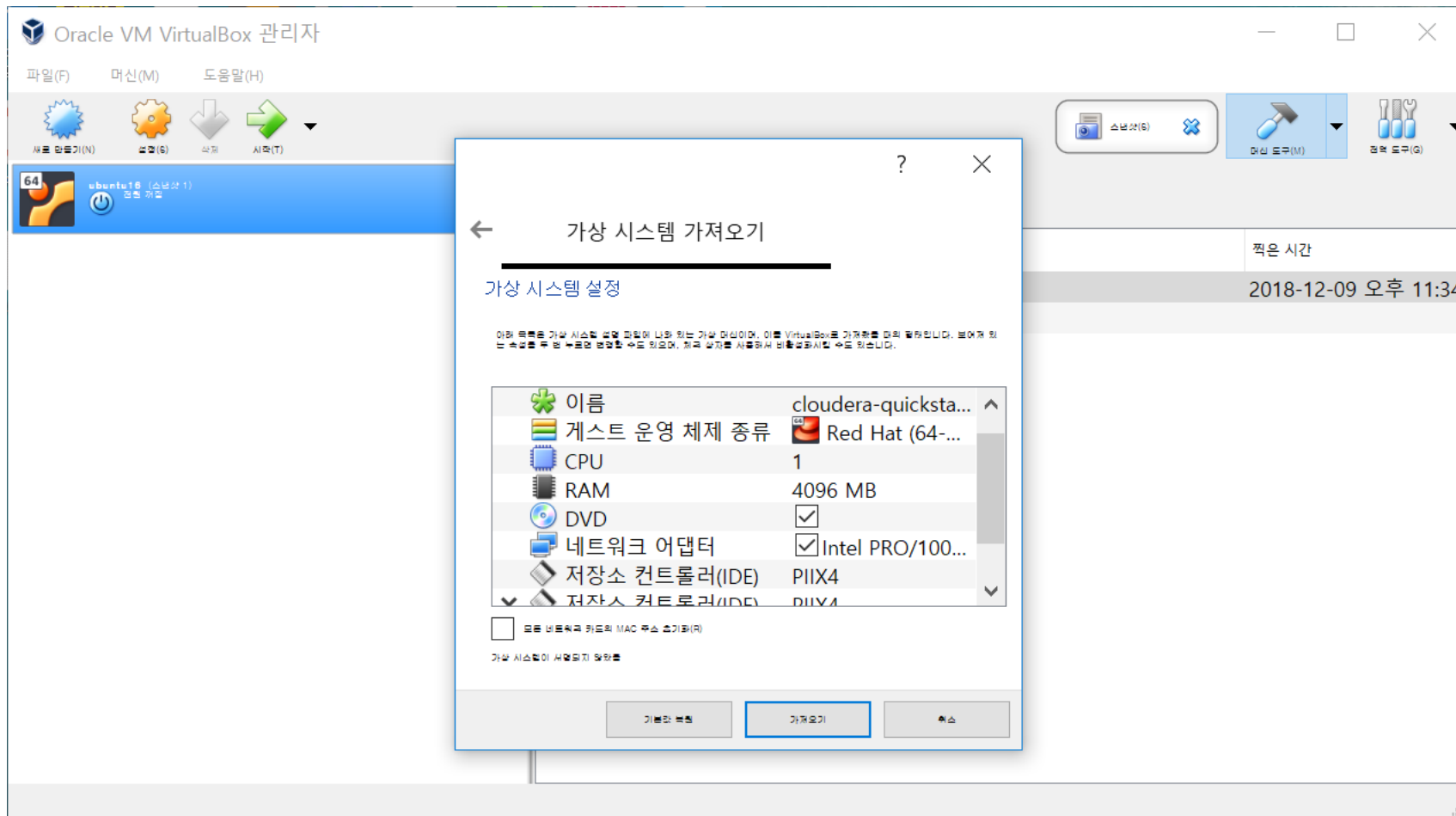
Contact Sales

cloudera-quickstar....zip  
0.0/5.5GB, 47분 남음

전체 보기 x

다운로드가 진행된다.

zip 파일을 압축을 풀고, VirtualBox 가상 시스템을 가져온다.



## 02. VirtualBox 시작 후, 환경 설정

### (가) Cloudera와 내 로컬 PC 폴더 공유

메뉴에서 장치 - 게스트 확장 CD 이미지 삽입... 선택 후, 진행  
시작 선택

### (나) /etc/group 파일 편집

[명령어]

```
sudo nano /etc/group
```

```
=====파일 편집 =====
```

```
...
```

```
vboxsf:x:474:cloudera
```

```
=====파일 편집 =====
```

파일 편집 후, 재부팅 수행.

#### (다) Cloudera 외부에서 접속하기 위한 환경 설정

Cloudera의 Vm을 선택한다.

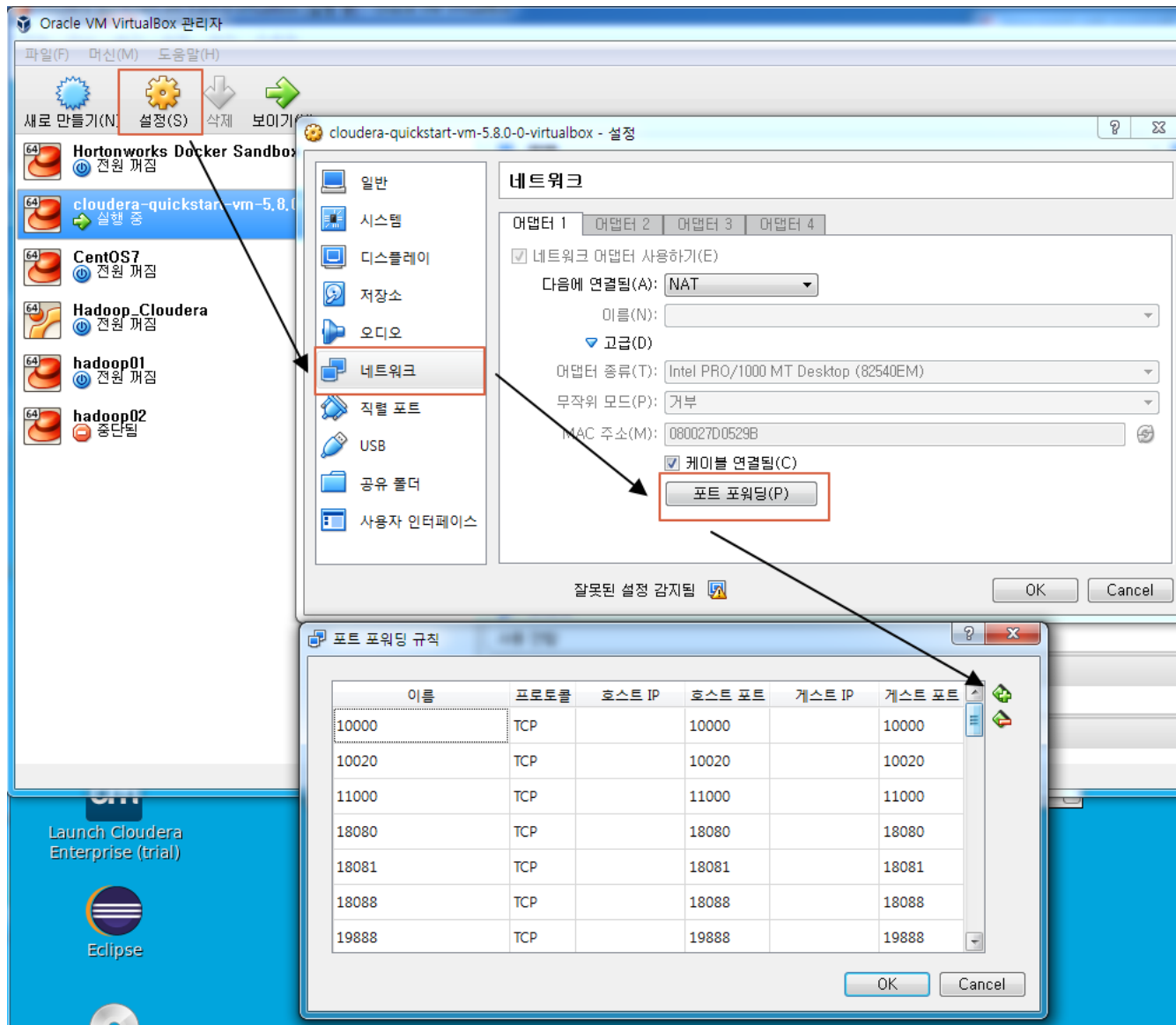
설정(S)를 선택한다.

네트워크를 선택한다.

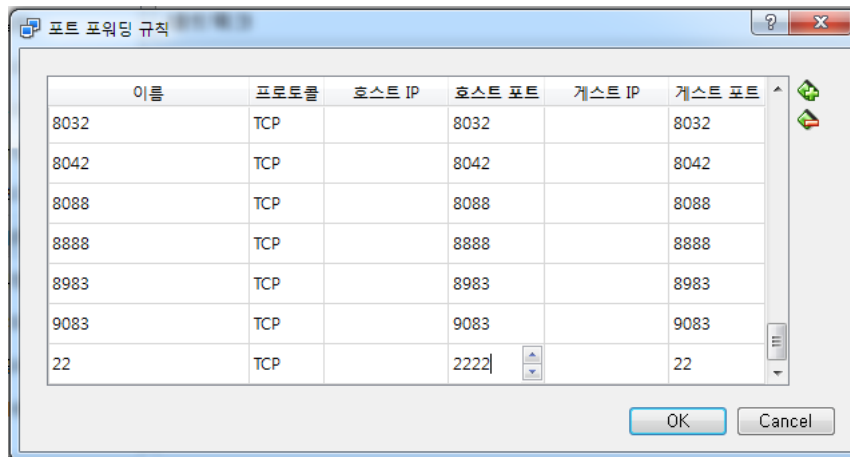
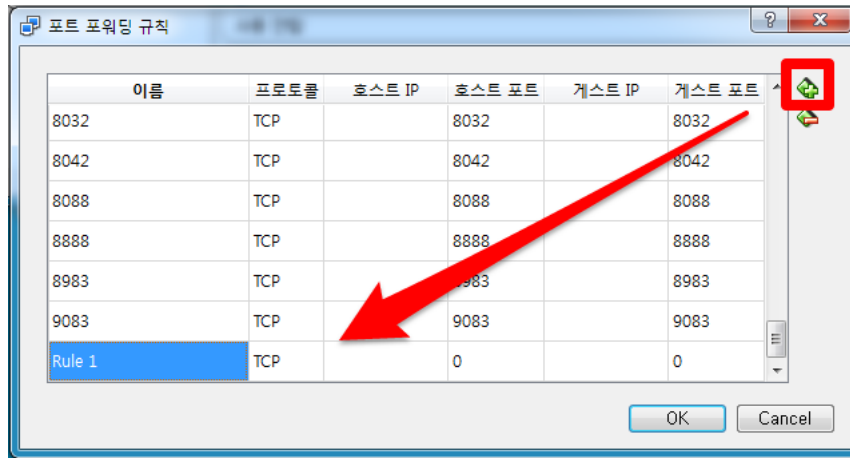
포트 포워딩을 선택한다.

포트 포워딩 규칙을 추가한후,

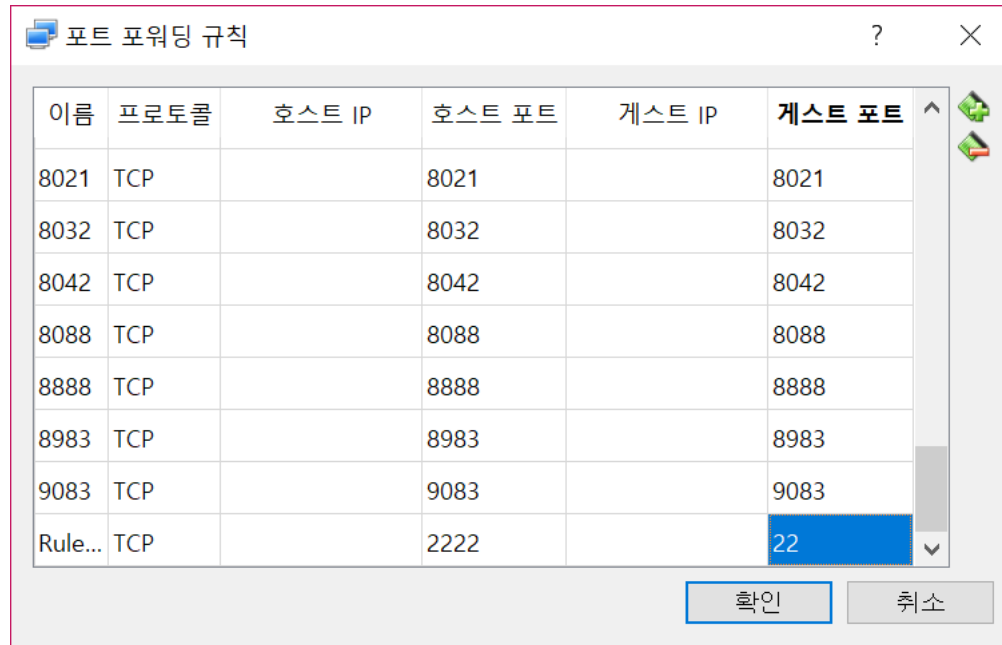
호스트포트, 게스트 포트를 추가한다.



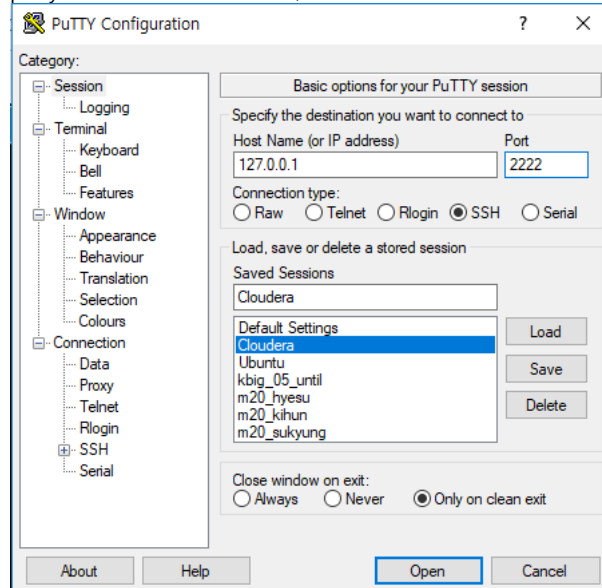


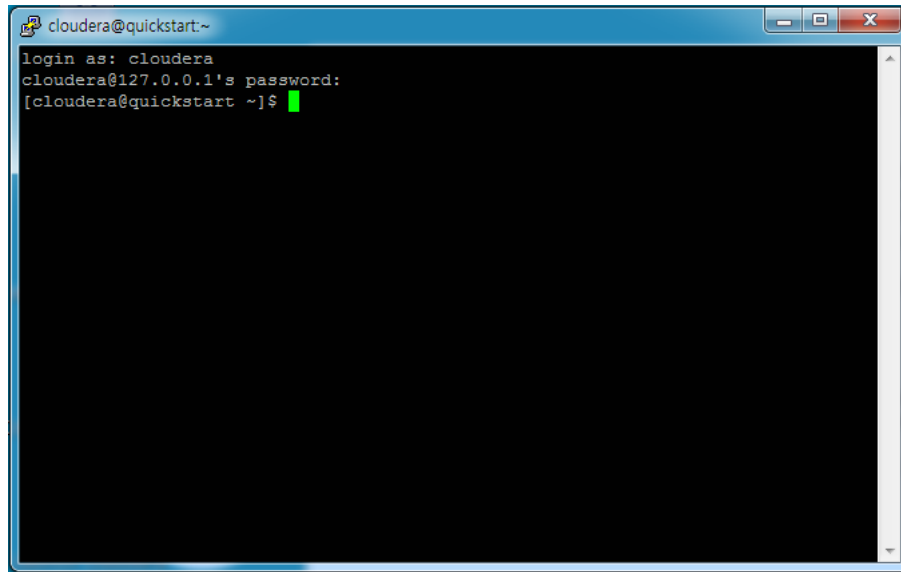


# 설정 - 네트워크 - 포트 포워딩



putty에서 다음과 같이 설정 후, 접속하면 가능하다.





```
cloudera@quickstart:~  
login as: cloudera  
cloudera@127.0.0.1's password:  
[cloudera@quickstart ~]$
```