

CLB 3: CHL 1

B D , IBM D
D , C
C E A , C G
A , IBM B

: 30 C

C	1:		B		? C		A
C	2:						
C	2.1:	A					
C	3:		H	L		1	
C	4:	B					
C	5:	A			E		
C	6:	B				E	
C	7:					E	
C	8:						E
C	9:						E
C	10:	F	C				E
C	11:	C		D			
C	12:	E	A			D	



-

■ D . D ,
:

■ : :// . . / - - / /# - - -
■ : :// . . / - - / /
■ : :// . . / / / / / - / /
■ D : :// . . / / / / / - / /
■ C : :// . . / / / / / - / /
■ F : :// . . / / / / / - / /

■
■
■
■ ,
■ : :



⋮

- M :
- `curl -H 'Accept: application/vnd.github.v3.raw' https://raw.githubusercontent.com/rddill-IBM/ZeroToBlockchain/master/setup_OSX.sh | bash`
- .
- ,
- C B .I ,
- , 2
- C
- I G H D 2.33
- C J 6 ()
- I DK
- I
- I .
- -
- I , :
- `curl -o setup_OSX.sh -H 'Accept: application/vnd.github.v3.raw' https://raw.githubusercontent.com/rddill-IBM/ZeroToBlockchain/master/setup_OSX.sh`
- + O .
- ./ O . -
- - , ,
- J 6, :
- ./ O . - -

▪ M (7) , B H L C , 16.04 , 2017.

▪ 1: 64- 16.04
 ▪ G : :// . . /
 ▪ D - 30+

▪ 2: B
 ▪ G : :// . . / /D
 ▪ A H . B

▪ 3: G B ..

▪ 4: B
 ▪ C
 ▪ E CE .
 ▪ G 2G 1G

▪ 5: I 1

▪ 6: A , I D
 ▪ 3

▪ 7: F .



: L :

- L :
- sudo apt-get install -y curl
- A ,
curl -H 'Accept: application/vnd.github.v3.raw' https://raw.githubusercontent.com/rddill-IBM/ZeroToBlockchain/master/setup_Ubuntu_Part_1.sh | bash
- .
- .
- :
curl -H 'Accept: application/vnd.github.v3.raw' https://raw.githubusercontent.com/rddill-IBM/ZeroToBlockchain/master/setup_Ubuntu_Part_2.sh | bash
- .
- ,
- -
- E
- C
- C J 6 ()
- I DK
- I C
- I
- I .
- -



: L : ()

- I , :

```
curl -H 'Content:application/vnd.github.v3.raw' https://  
raw.githubusercontent.com/rddill-IBM/ZeroToBlockchain/master/  
setup_Ubuntu_Part_1.sh >> setup_Ubuntu_Part_1.sh
```

```
sudo chmod +x setup_Ubuntu_Part_1.sh
```

```
./setup_Ubuntu_Part_1.sh -h
```

- - J 6, :

```
./setup_Ubuntu_Part_1.sh -g false -n false
```

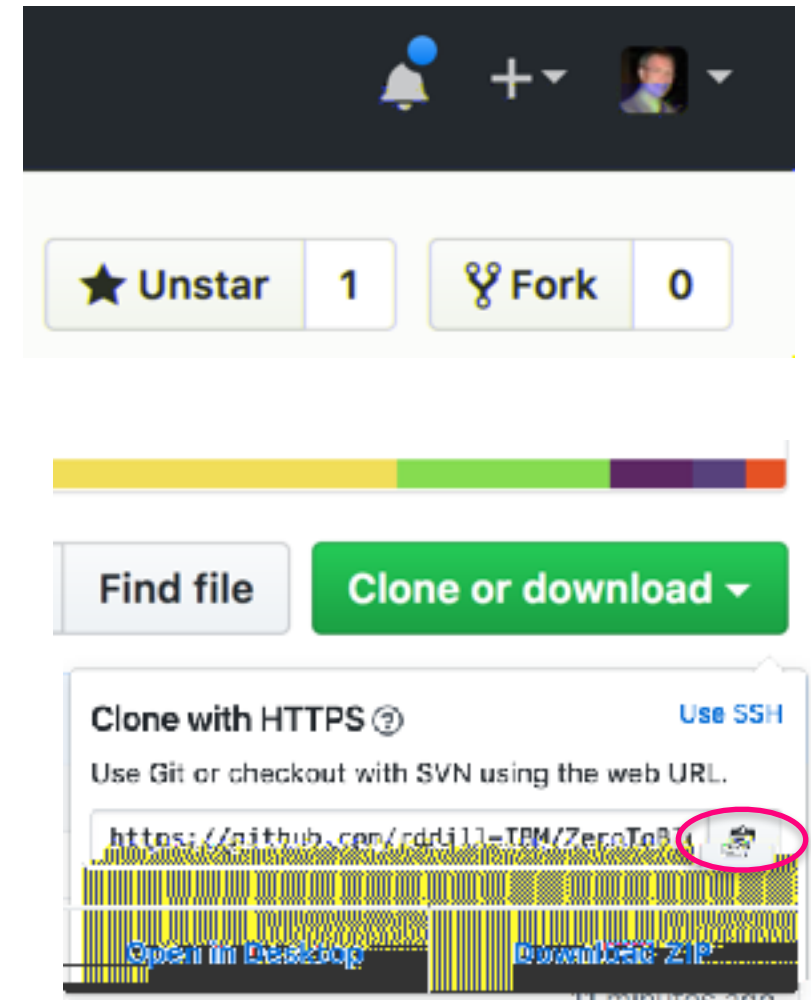


■ G

- ```

■
■ :// . / -IBM/ B
■ I - , :
■ G B ;
■
■ C . I ()
■
■ , .
■ I ,
■
■ () (:
■ D /G H)
■ :
■ git clone <paste in the url you copied in the previous step>
■ .
■
■
■ , :
■ cd documents/github/zerotoblockchain/chapter03
■ E
■ npm install
■ ./buildAndDeploy.sh

```





: 30 C

|   |      |   |   |   |     |   |   |
|---|------|---|---|---|-----|---|---|
| C | 1:   |   | B |   | ? C |   | A |
| C | 2:   |   |   |   |     |   |   |
| C | 2.1: | A |   |   |     |   |   |
| C | 3:   |   | H |   | L   |   | 1 |
| C | 4:   | B |   |   |     |   |   |
| C | 5:   | A |   |   | E   |   |   |
| C | 6:   | B |   |   |     | E |   |
| C | 7:   |   |   |   |     | E |   |
| C | 8:   |   |   |   |     |   | E |
| C | 9:   |   |   |   |     |   | E |
| C | 10:  | F |   | C |     |   | E |
| C | 11:  | C |   |   | D   |   |   |
| C | 12:  | E |   | A |     | D |   |



# C 4: B

L B & B

B D , IBM D E , C G  
D , C A , IBM B

A

A:

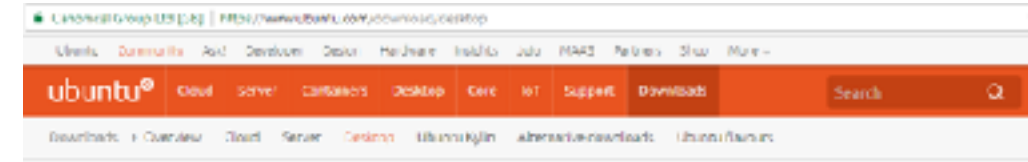
D

- 1: 64- 16.04
  - G :   :  /
  - D - 30+
- 2: B
  - G :   :  /  /D
  - A H . B
- 3: G B .. .
  -
- 4: B
  - C
  - E CE .
  - G 2G 1G
- 5:
  - G I 1
- 6: A , I D
  - 3
- 7: F .



- 1: 64- 16.04
- G : :// . . /
- D -

30+



## Download Ubuntu Desktop

### Ubuntu 16.04.3 LTS

Download the latest LTS version of Ubuntu, for desktop PCs and laptops. LTS stands for long-term support — which means five years of free security and maintenance updates, guaranteed.

DOWNLOAD

Alternative downloads and formats



ubuntu-16.04.3-d  
esktop-amd64.is  
o

- 1:
  - G
- 2:
  - G
  - A

64- 16.04  
 : :// . . /  
 D -  
 B  
 : :// . . / /D  
 H . B

30+



I

B

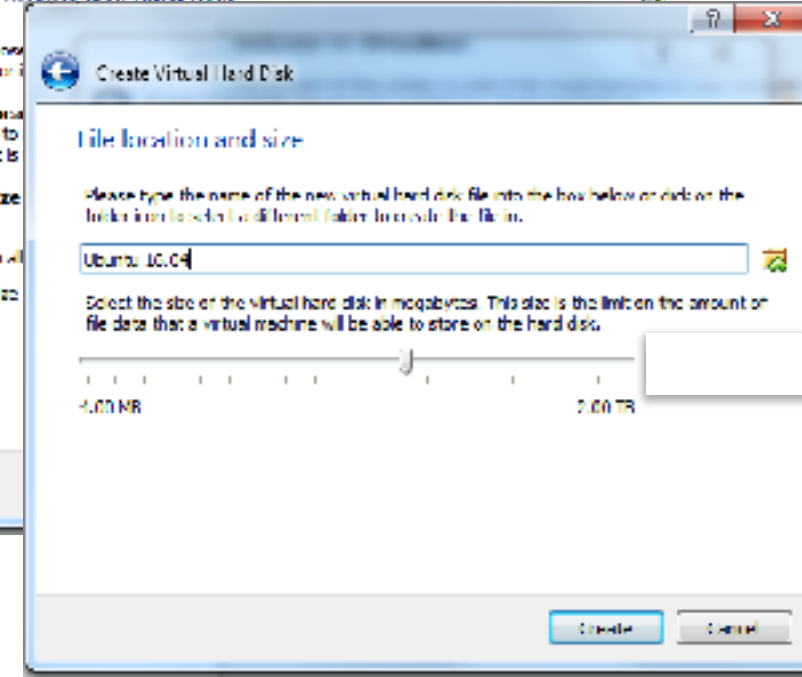
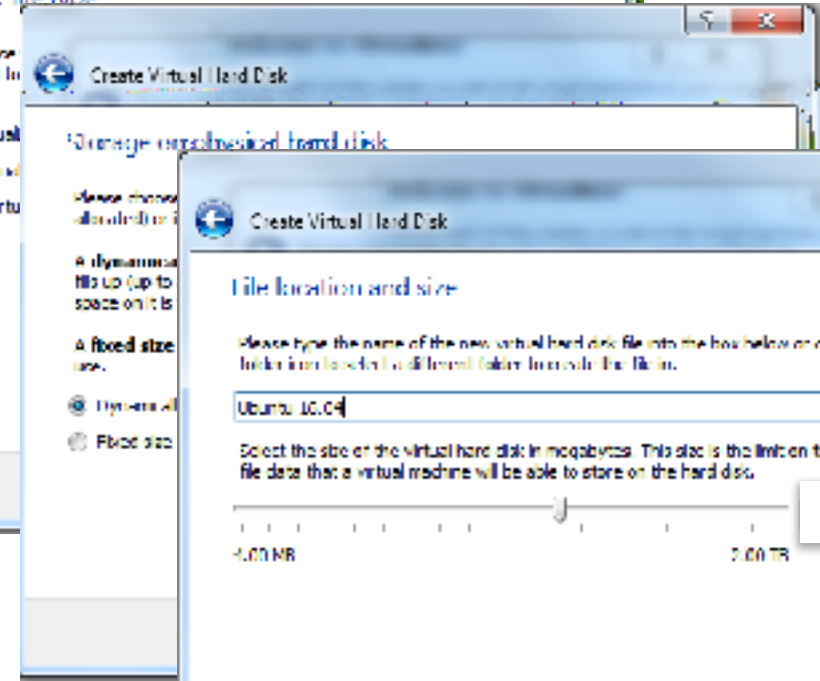
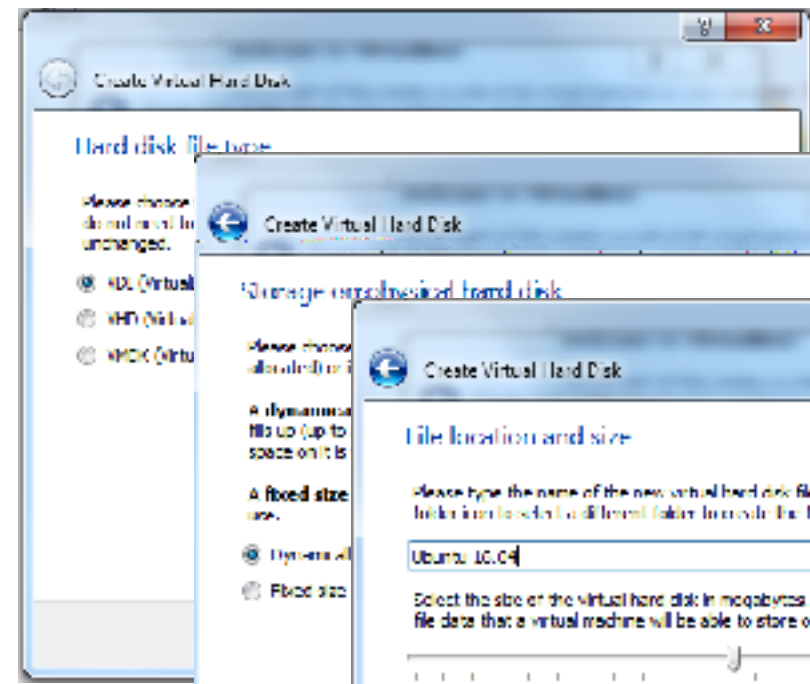
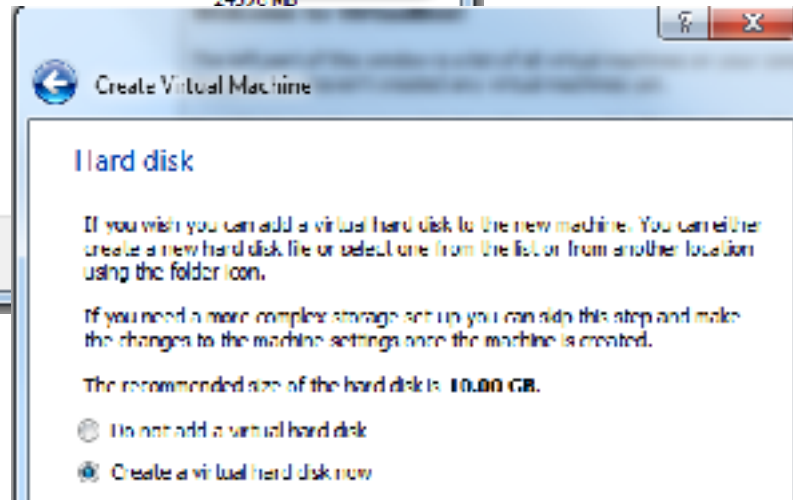
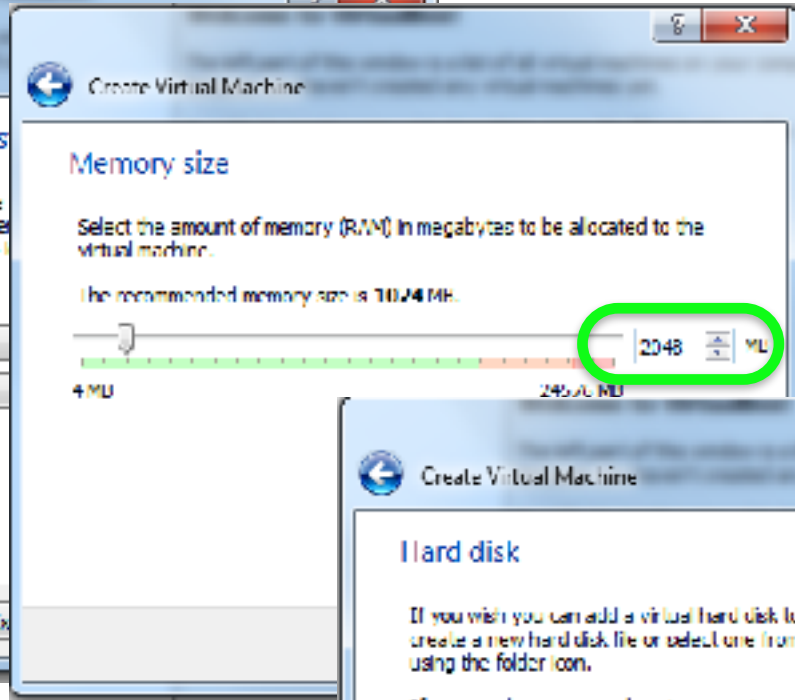
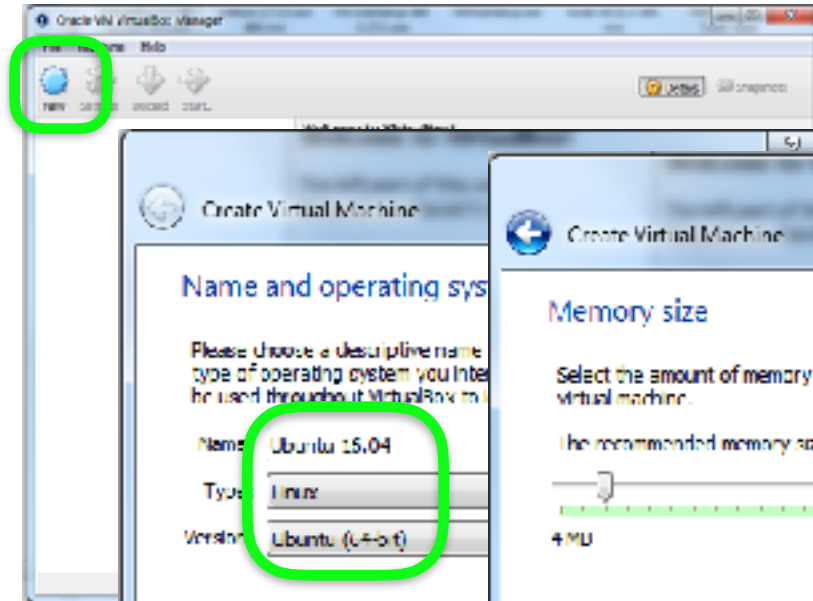
■ C

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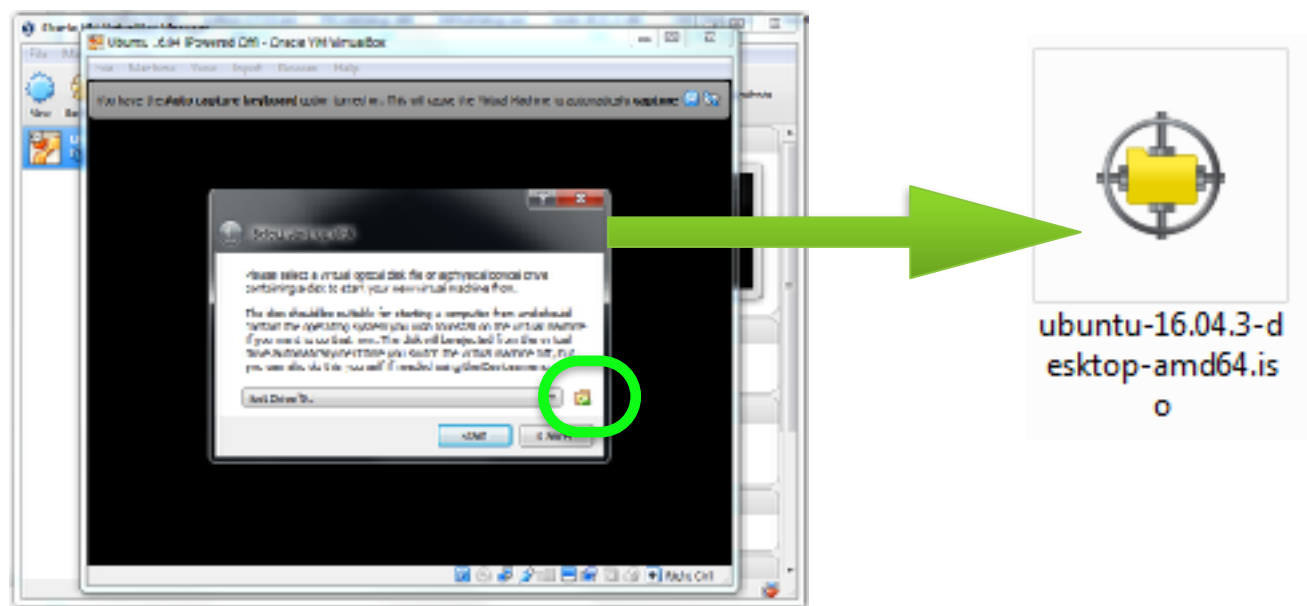
- 4: B
- C
- E CE
- G 2G AM 1G
- G 20G D 10G

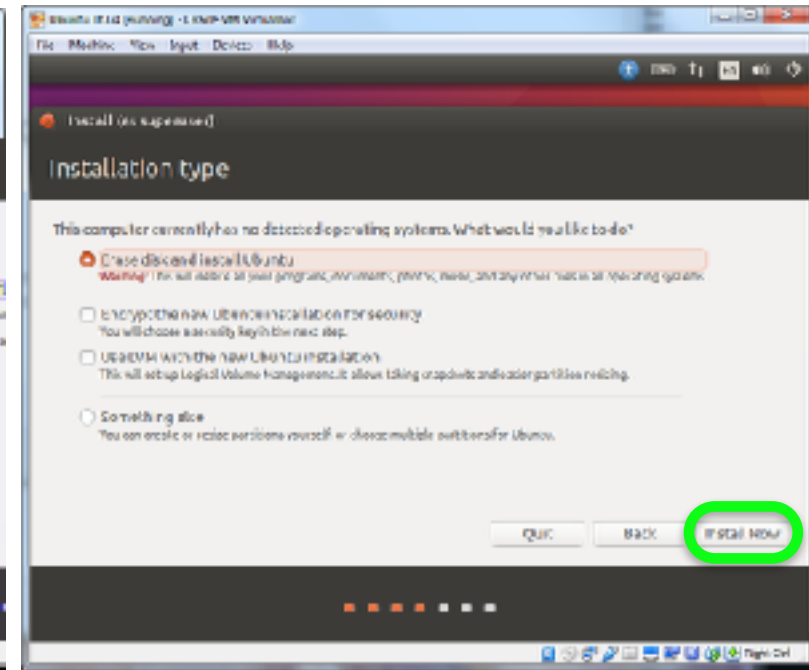
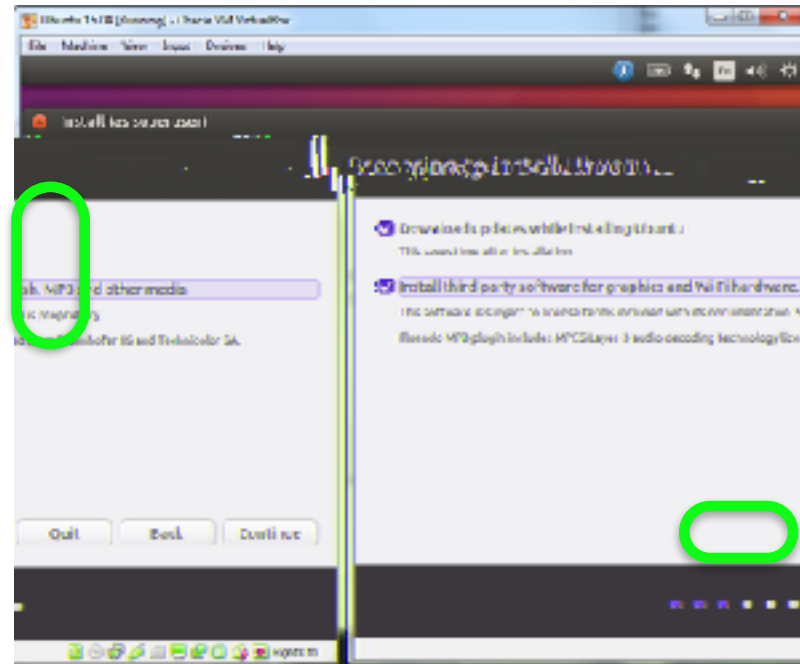
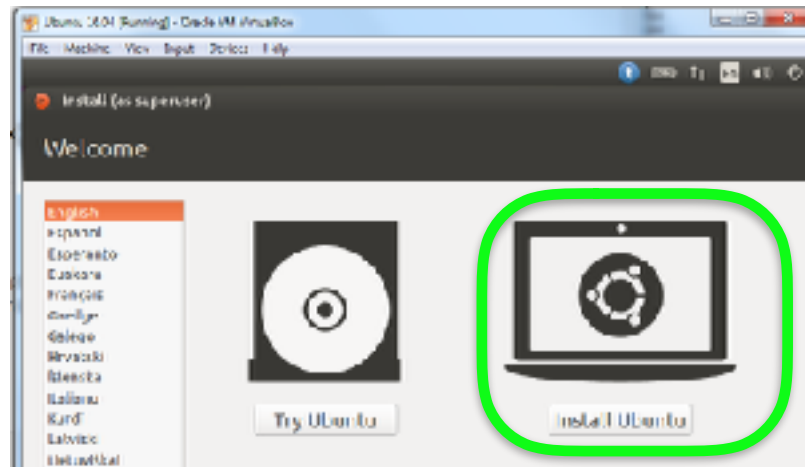




- 5:
- G I

1





■ 6: A

,

I

D

3

■ 7: F

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