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# **TED Documentation**

*Release 0.0.1*

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**Apr 08, 2018**



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## Contents:

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<b>1</b>	<b>Where to find TED</b>	<b>3</b>
1.1	Pre-requisites . . . . .	3
<b>2</b>	<b>How to run TED</b>	<b>5</b>
2.1	Setting up Data Inputs . . . . .	5
<b>3</b>	<b>TED Virtual Machine (VM)</b>	<b>7</b>
3.1	Pre-requisites . . . . .	7
3.2	Setting up TED VM Application . . . . .	7
3.2.1	Download TED VM files from Galaxy Data Libraries . . . . .	7
3.2.2	Select Appliance on VM . . . . .	8
3.2.3	Import OVA Appliance on VM . . . . .	9
3.2.4	TED Appliance settings for import on VM . . . . .	10
3.2.5	TED Appliance Importing on VM . . . . .	11
3.3	TED Appliance Settings on VM . . . . .	12
3.3.1	Go to Settings . . . . .	12
3.3.2	System Requirements . . . . .	12
3.3.3	Network . . . . .	13
3.3.4	Shared Folders . . . . .	15
3.4	Connecting TED Appliance on VM . . . . .	17
3.4.1	Go to Settings . . . . .	17
3.4.2	Broad casted Galaxy instance IP address . . . . .	18
3.4.3	Web Browser connection of Galaxy instance on VM . . . . .	18
3.5	How to access TED toolkit on VM . . . . .	19
3.6	TED VM Troubleshoot . . . . .	19
3.6.1	Galaxy instance IP address unreachable . . . . .	19
3.6.2	Reinitialize TED appliance . . . . .	20
3.6.3	Reconnect Galaxy instance IP address on web browser . . . . .	20
<b>4</b>	<b>License</b>	<b>21</b>
<b>5</b>	<b>Contact</b>	<b>23</b>



**A comprehensive approach for convenient transcriptomic profiling as a clinically-oriented application.**

TED toolkit Manual-

Our Galaxy Page: <http://galaxy.hunter.cuny.edu/u/bioitcore/p/transcriptomics-profiler-for-easy-discovery-ted-toolkit> includes all instructions and sources in accessing and using the TED toolkit in full details, as well as the following content below.



# CHAPTER 1

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Where to find TED

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## 1.1 Pre-requisites





## CHAPTER 2

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How to run TED

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### 2.1 Setting up Data Inputs



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## TED Virtual Machine (VM)

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How to run the TED toolkit Virtual Machine (VM) Application

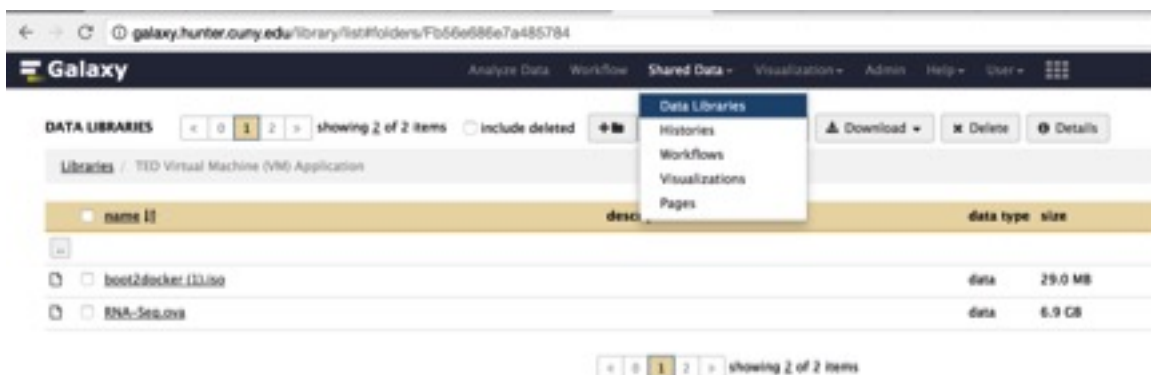
### 3.1 Pre-requisites

Download VirtualBox: <http://www.virtualbox>

### 3.2 Setting up TED VM Application

#### 3.2.1 Download TED VM files from Galaxy Data Libraries

Galaxy Data Libraries link: <http://galaxy.hunter.cuny.edu/library/list#folders/Fb56e686e7a485784>

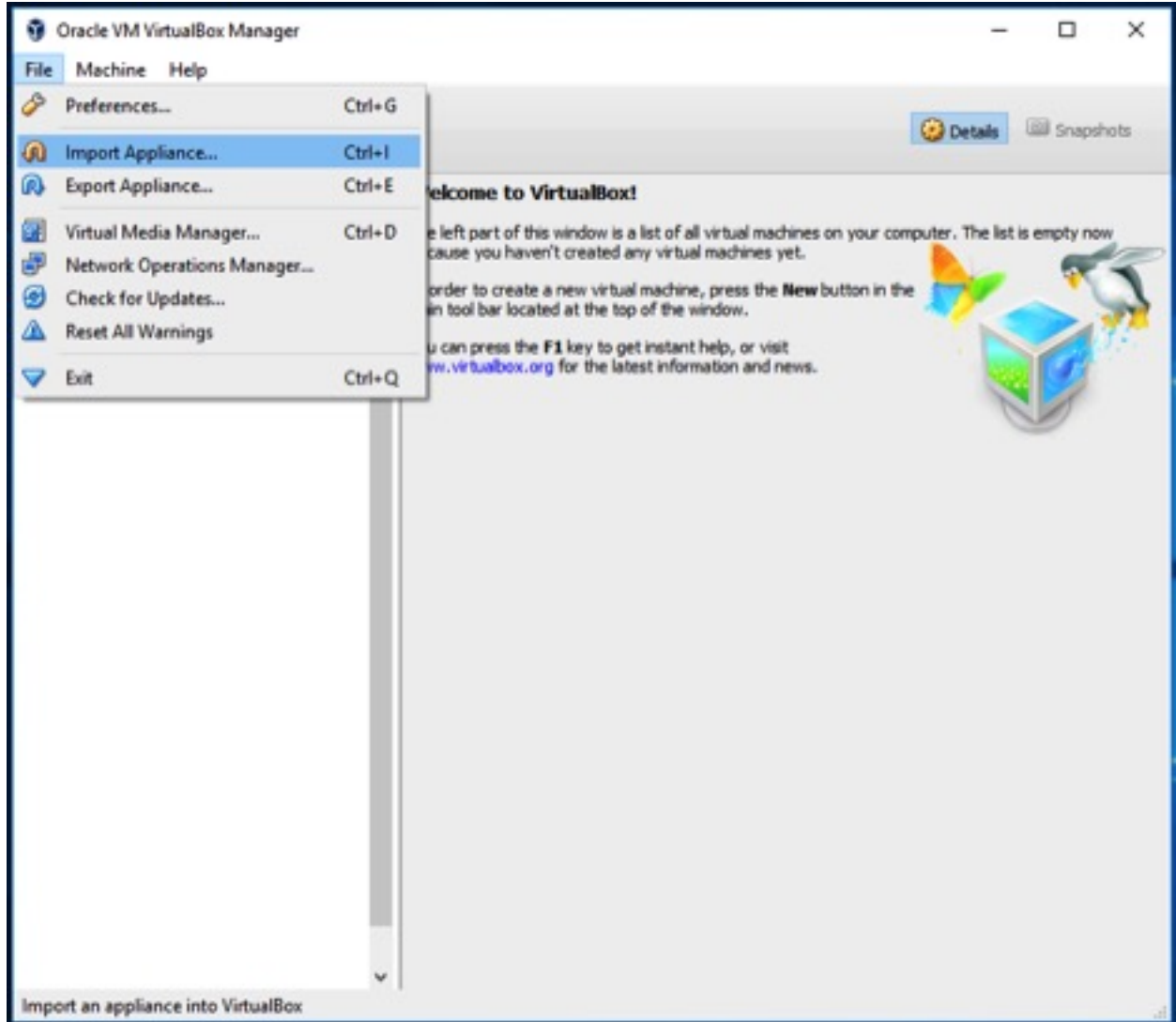


The screenshot shows the Galaxy Data Libraries interface. The browser address bar displays the URL: [galaxy.hunter.cuny.edu/library/list#folders/Fb56e686e7a485784](http://galaxy.hunter.cuny.edu/library/list#folders/Fb56e686e7a485784). The page title is "Galaxy". The navigation menu includes "Analyze Data", "Workflow", "Shared Data", "Visualization", "Admin", "Help", and "User". The main content area is titled "DATA LIBRARIES" and shows a list of items. The breadcrumb path is "Libraries / TED Virtual Machine (VM) Application". A dropdown menu is open over the "Data Libraries" header, showing options: "Histories", "Workflows", "Visualizations", and "Pages". The table below lists two items:

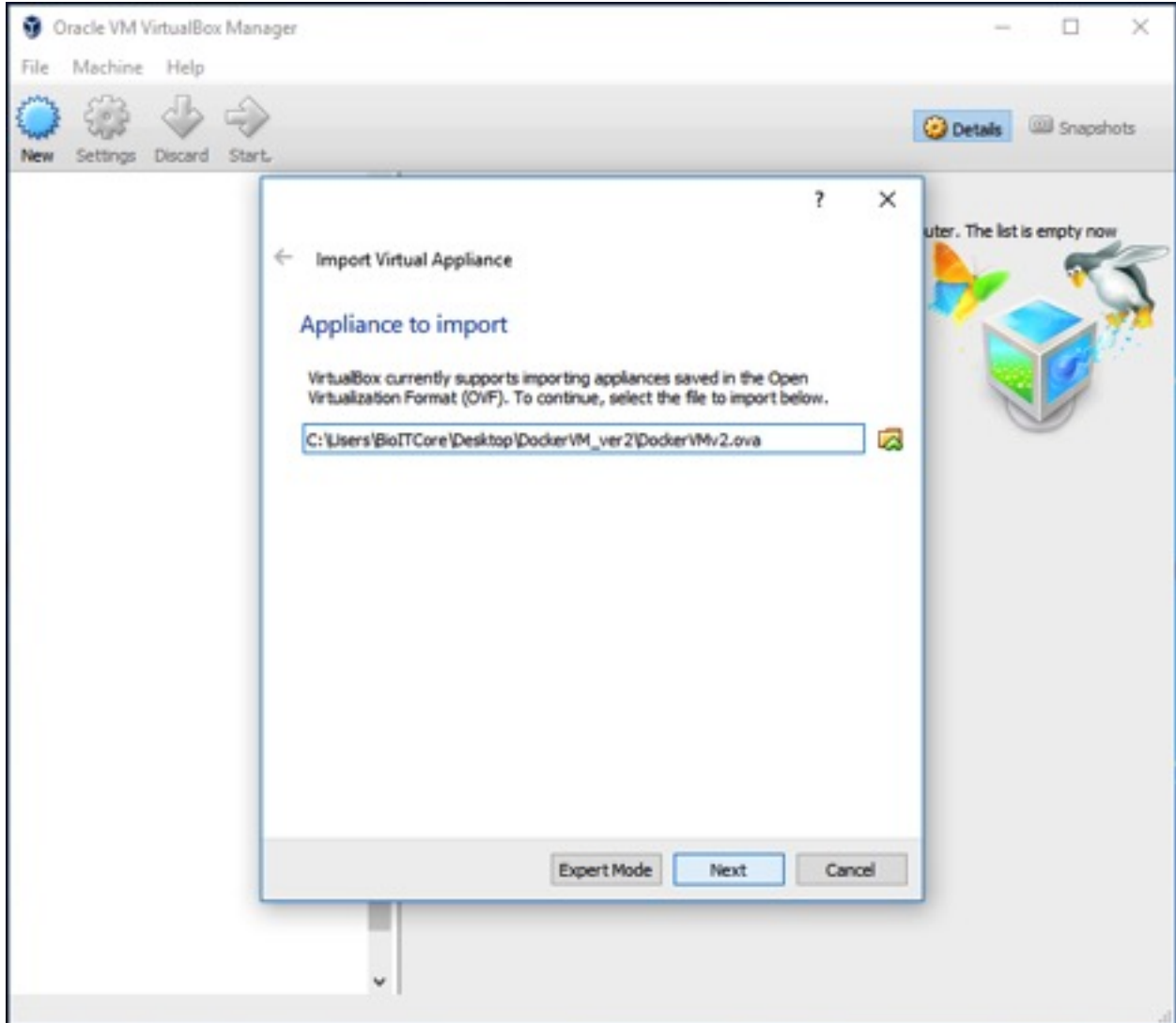
name	description	data type	size
<input type="checkbox"/> boot2docker.10.iso		data	29.0 MB
<input type="checkbox"/> RNA-Seq.ovs		data	6.9 GB

At the bottom of the table, there is a pagination control showing "showing 2 of 2 items".

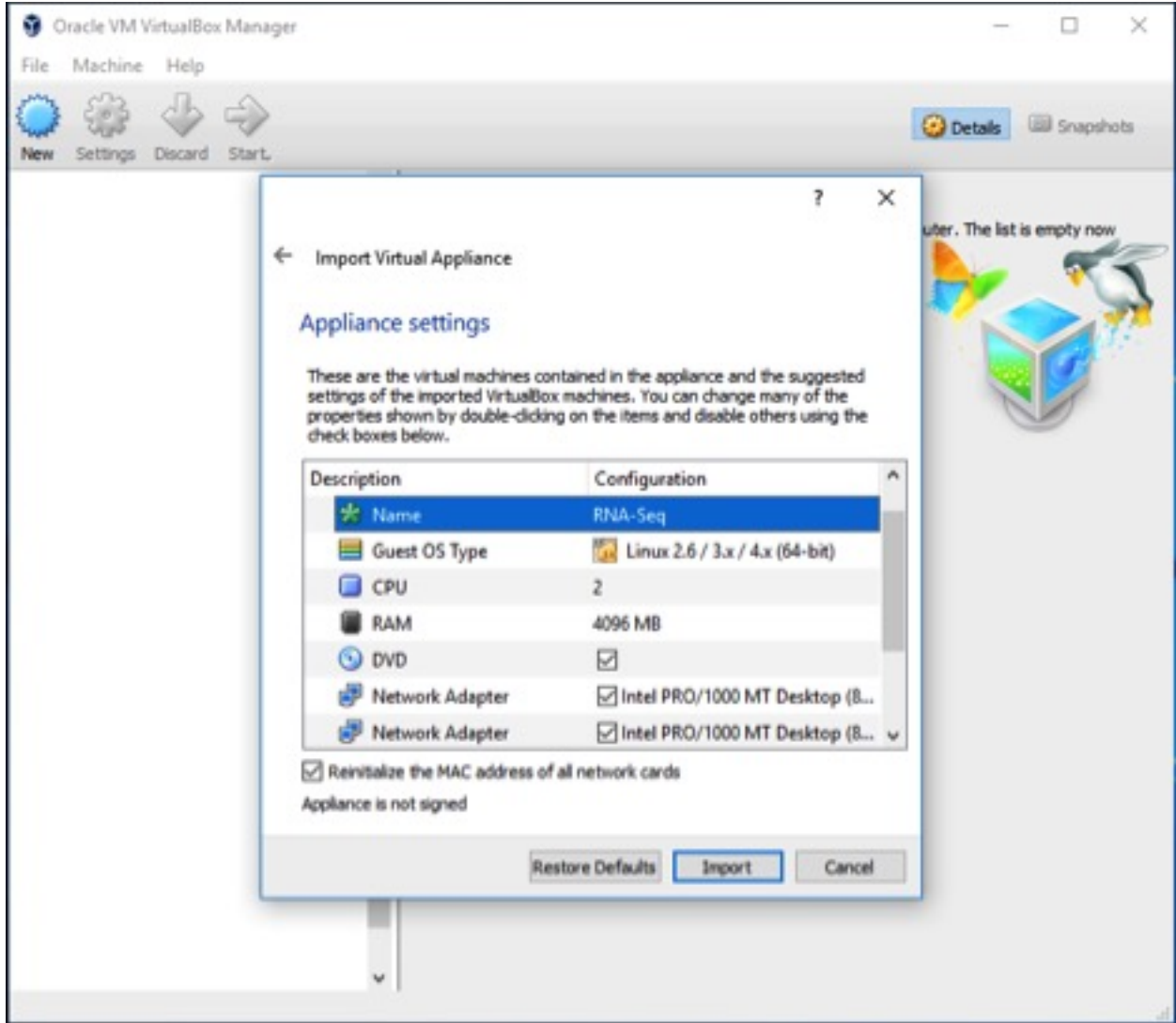
### 3.2.2 Select Appliance on VM



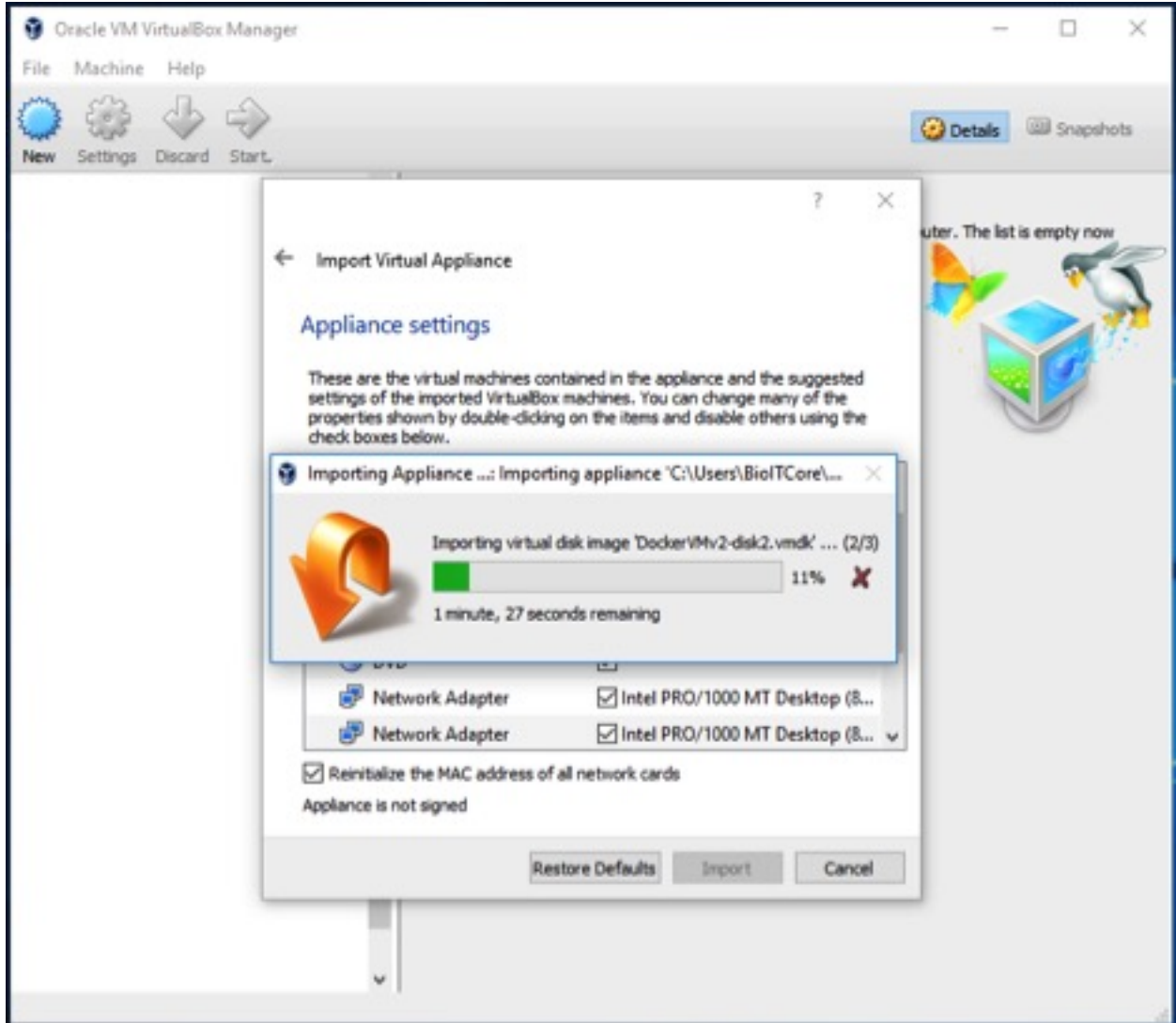
### 3.2.3 Import OVA Appliance on VM



### 3.2.4 TED Appliance settings for import on VM

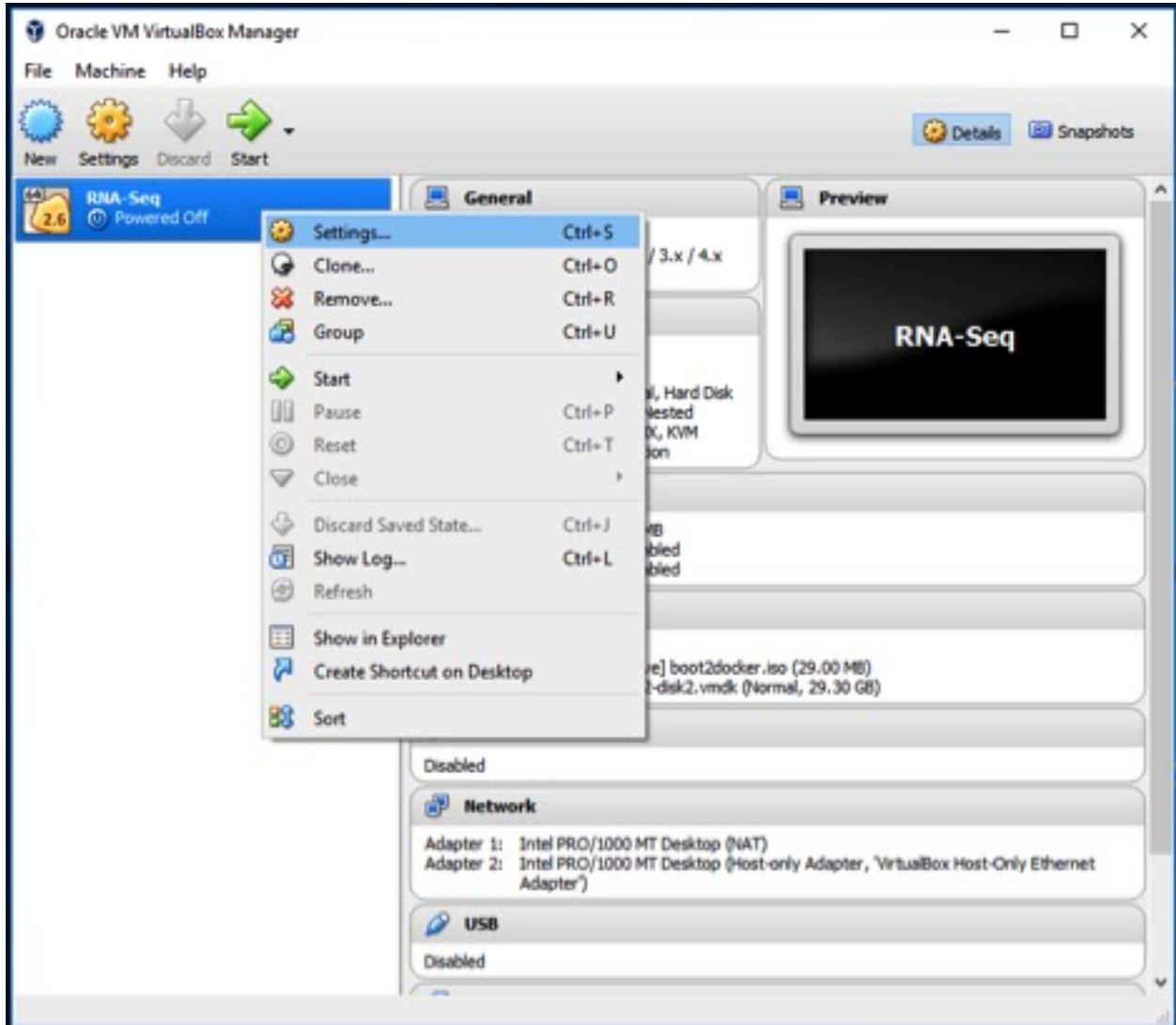


### 3.2.5 TED Appliance Importing on VM



## 3.3 TED Appliance Settings on VM

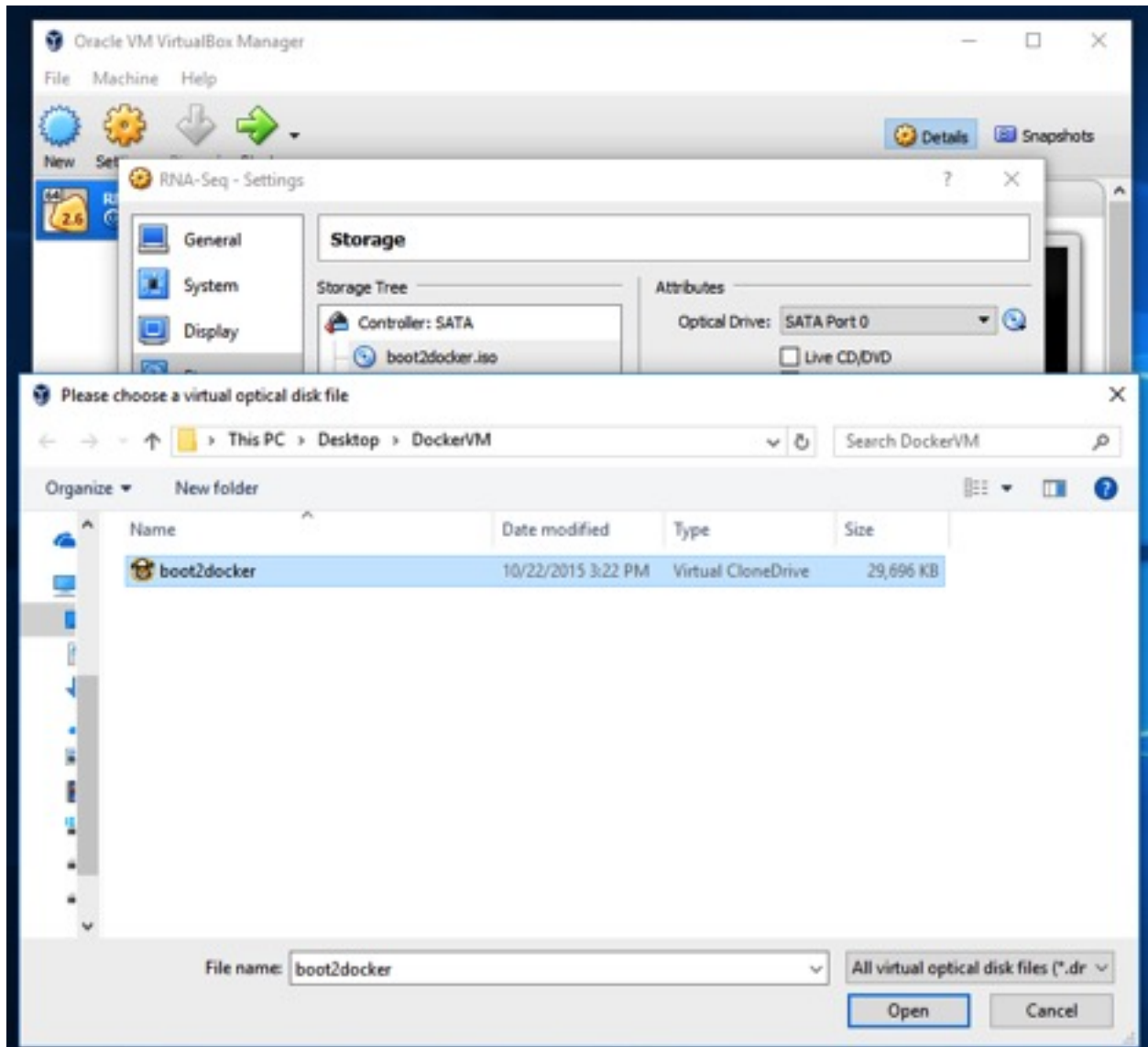
### 3.3.1 Go to Settings



### 3.3.2 System Requirements

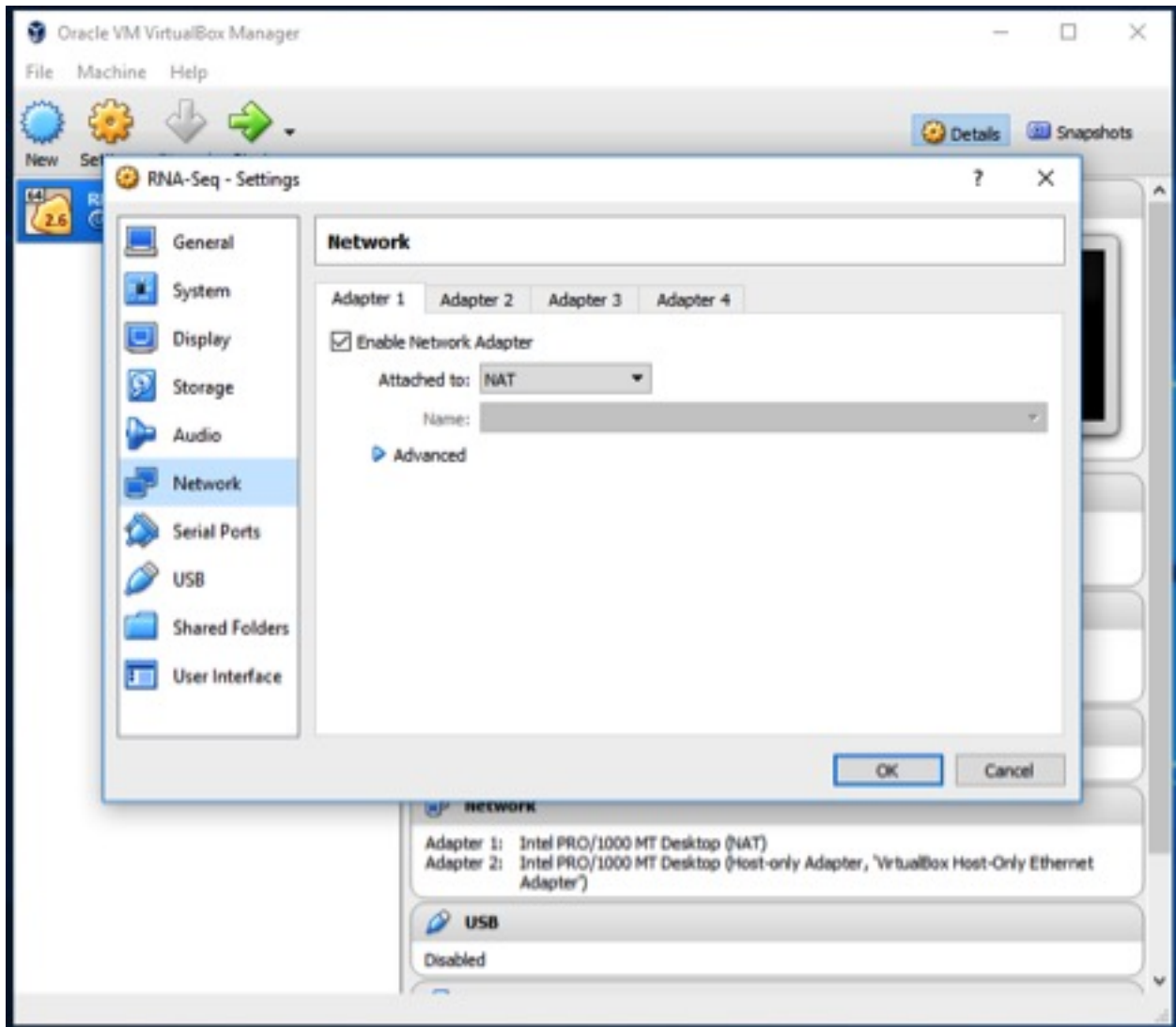
Open virtual disk file for TED Appliance on VM



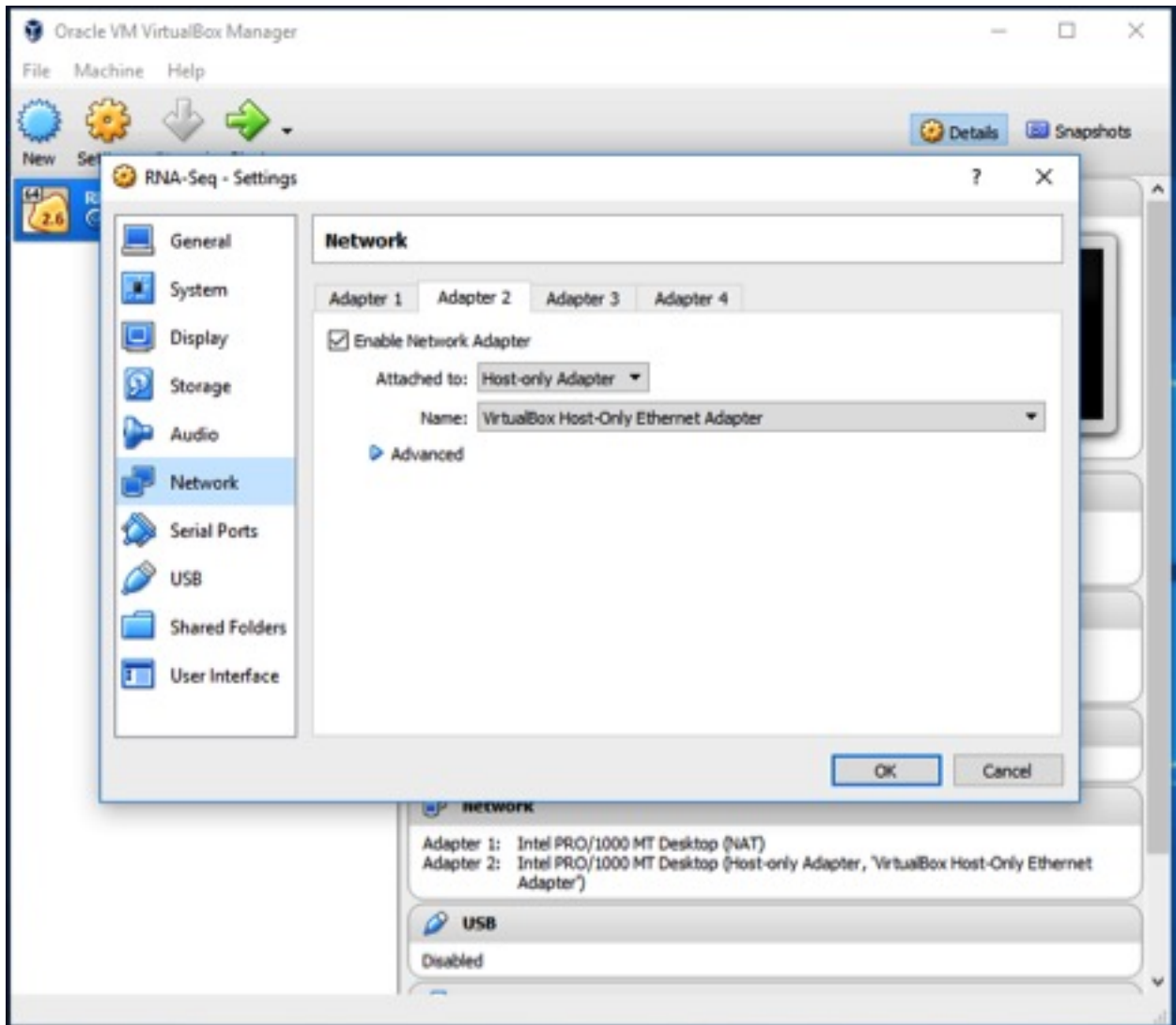


### 3.3.3 Network

Setup Adapter 1

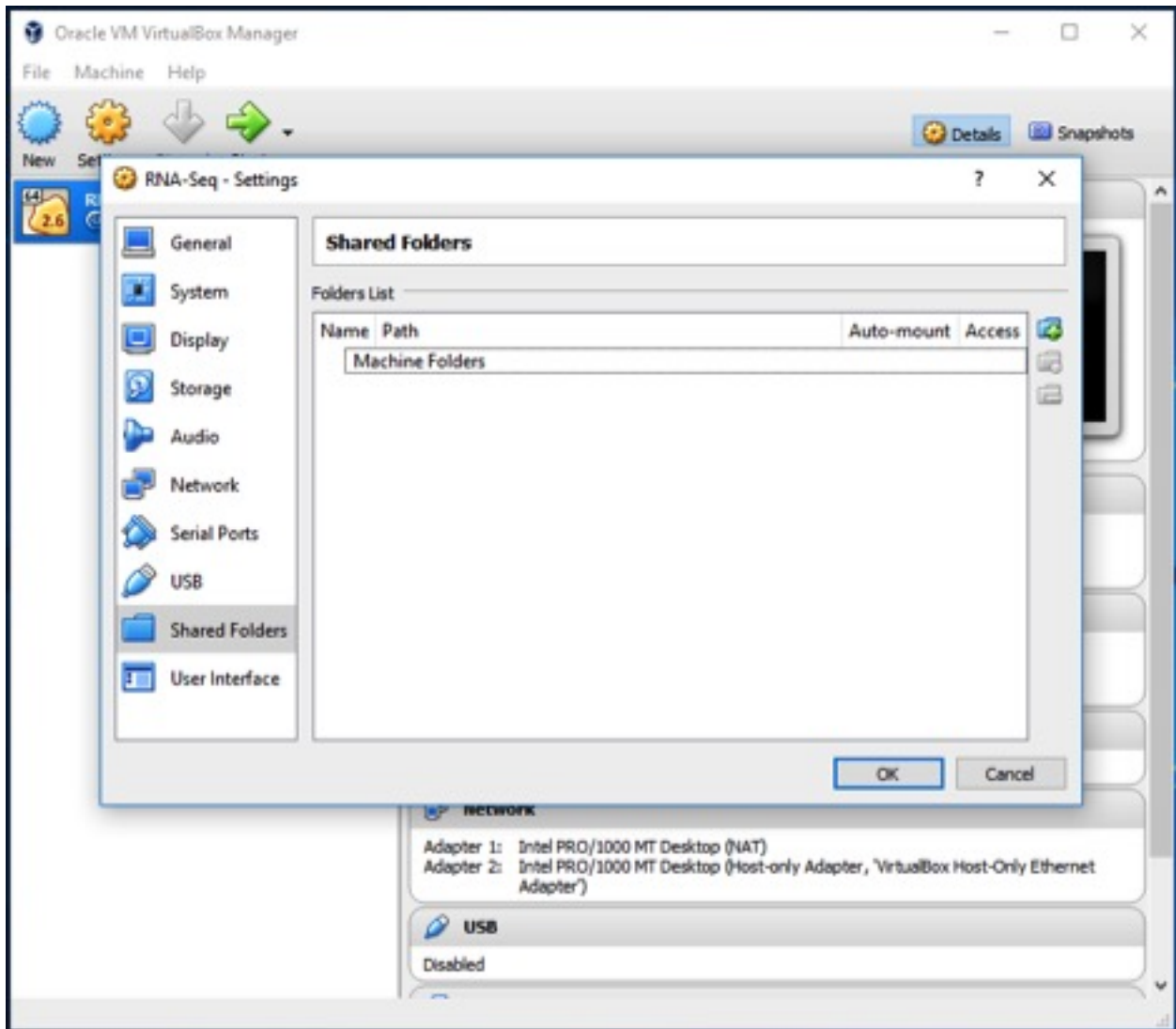


Setup Adapter 2



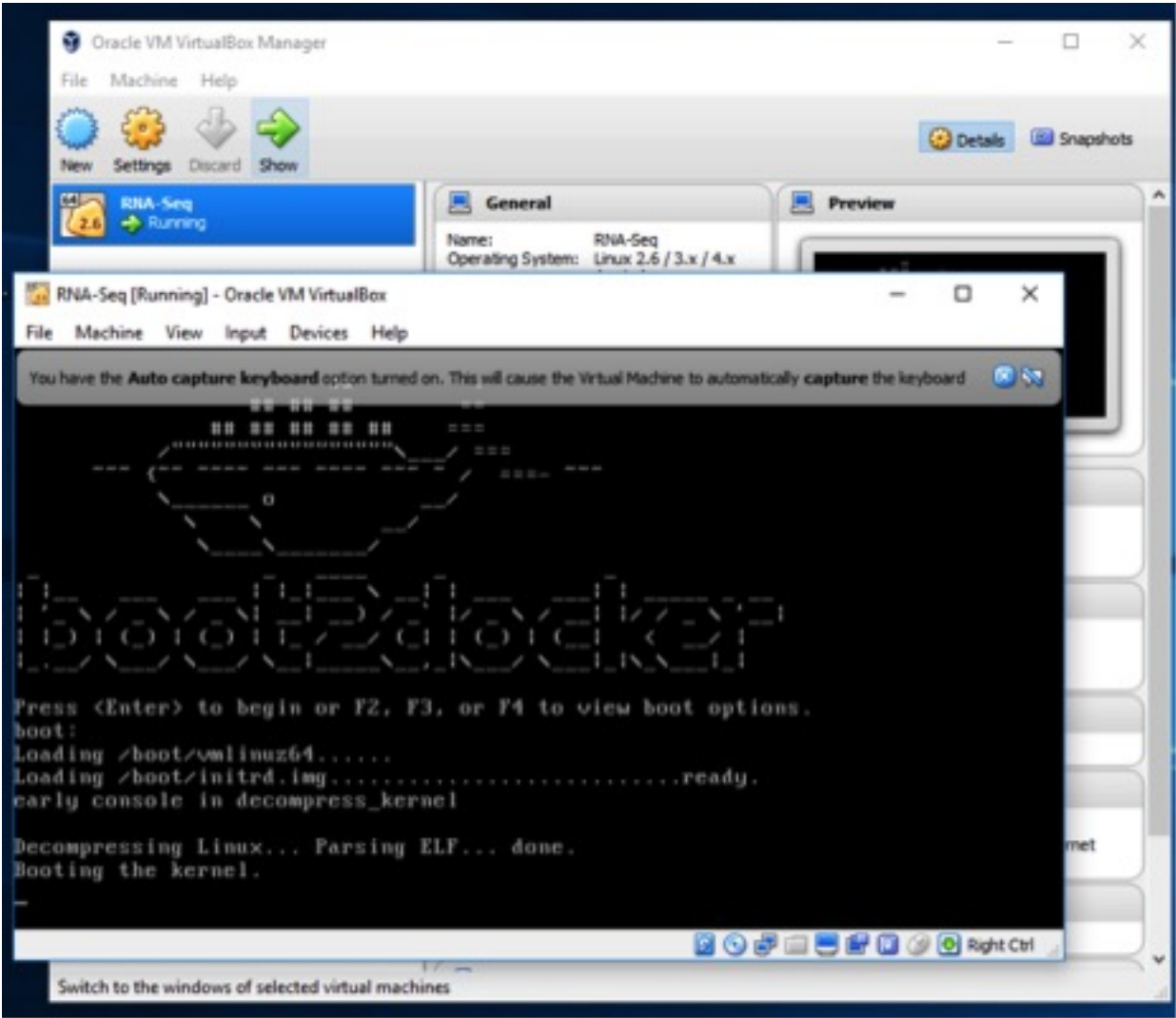
### 3.3.4 Shared Folders

Setup Adapter 1

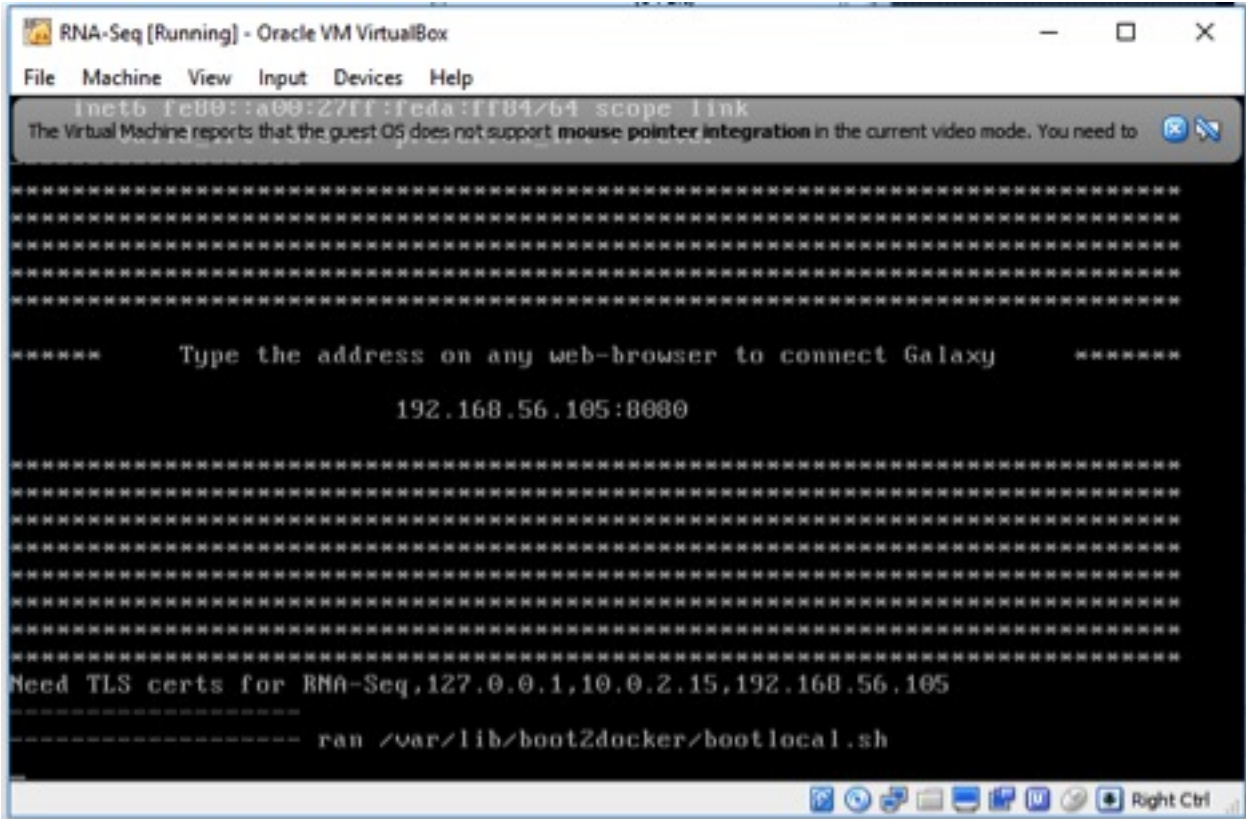


### 3.4 Connecting TED Appliance on VM

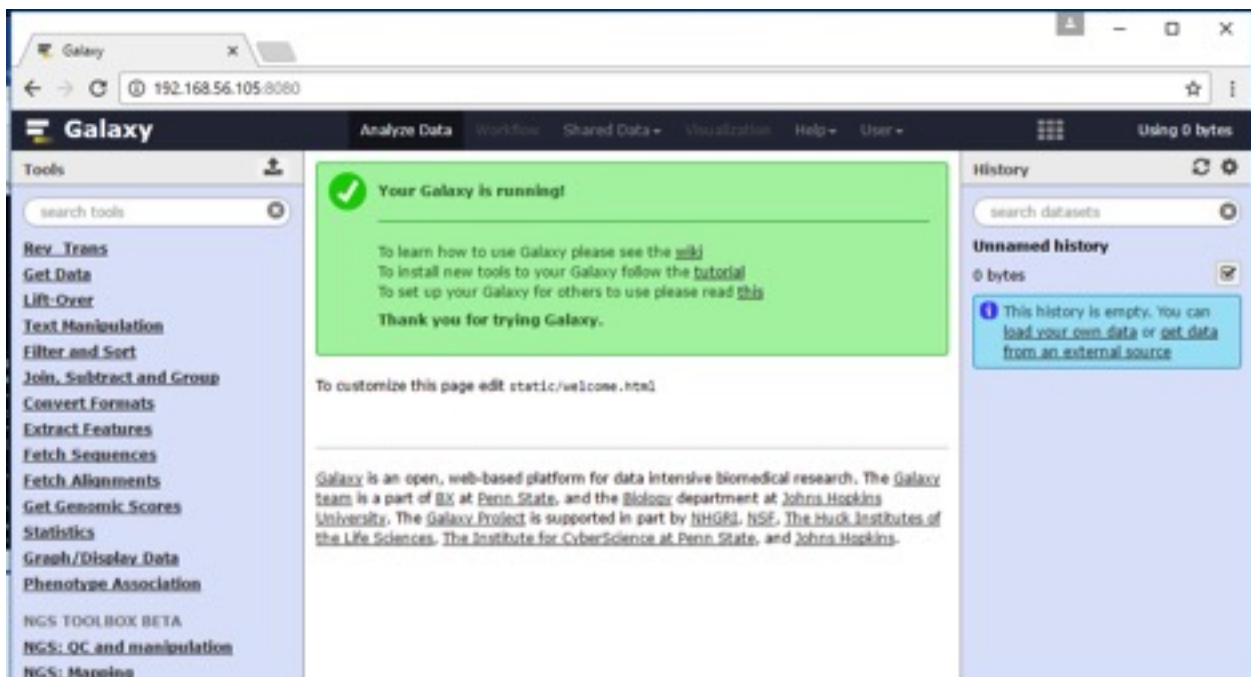
#### 3.4.1 Go to Settings



### 3.4.2 Broad casted Galaxy instance IP address



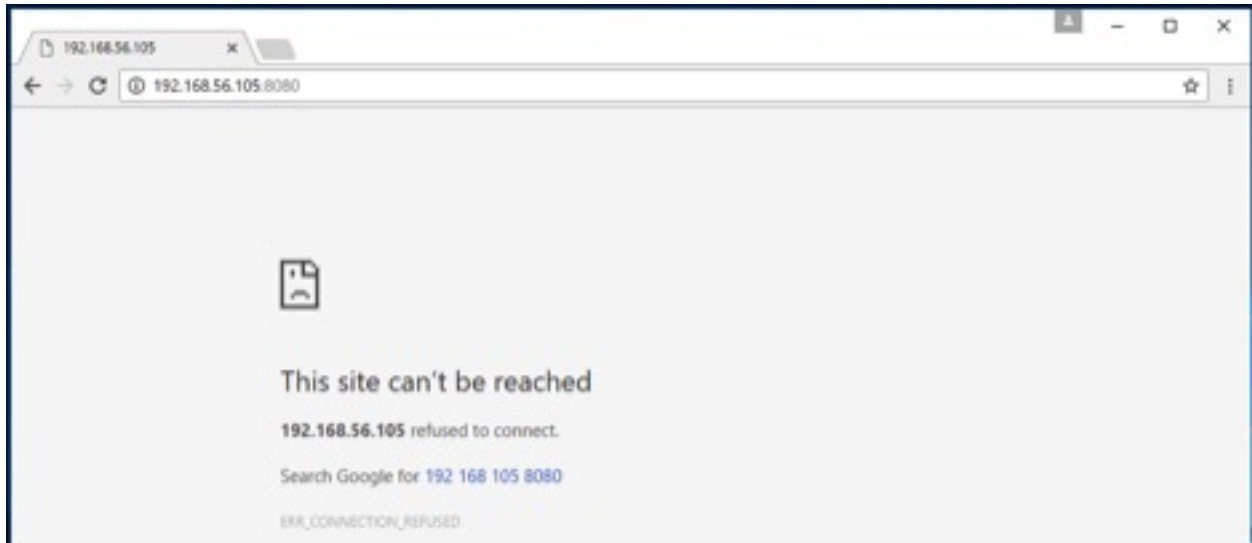
### 3.4.3 Web Browser connection of Galaxy instance on VM



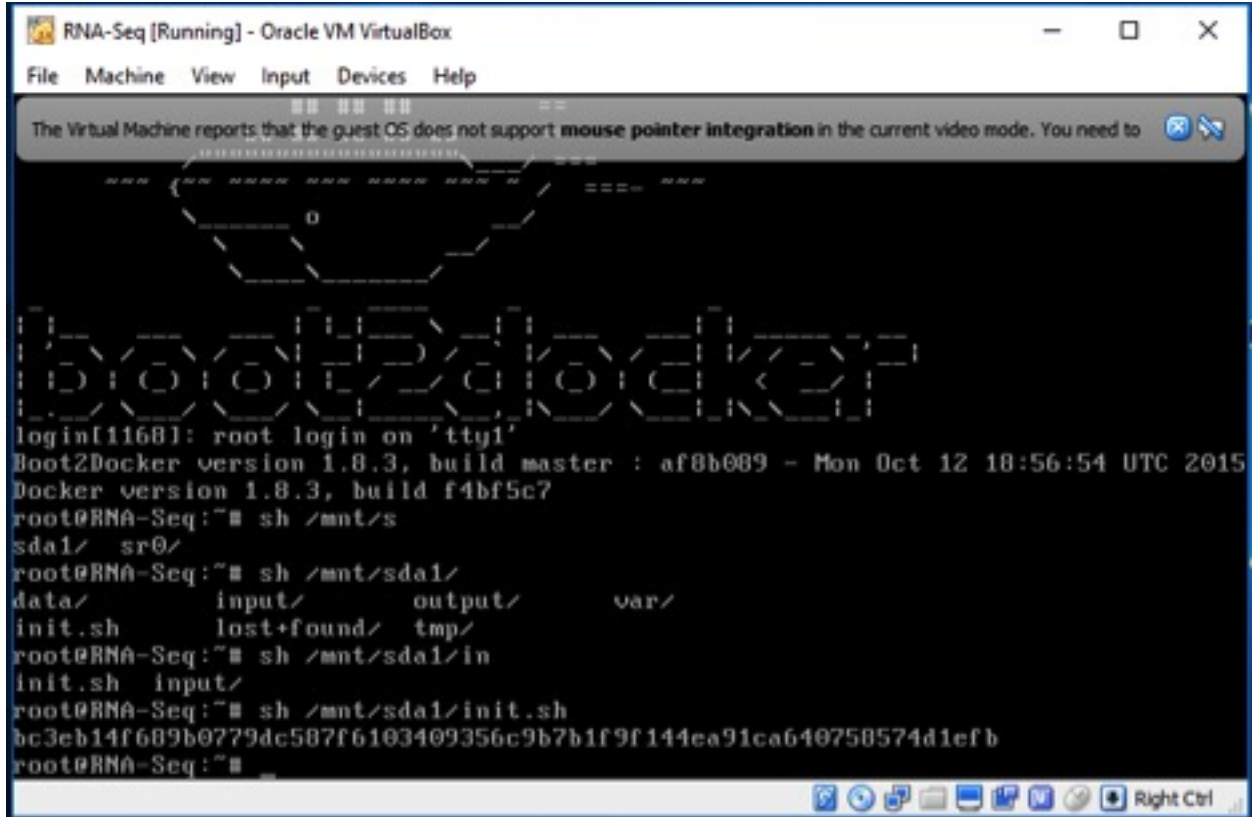
## 3.5 How to access TED toolkit on VM

### 3.6 TED VM Troubleshoot

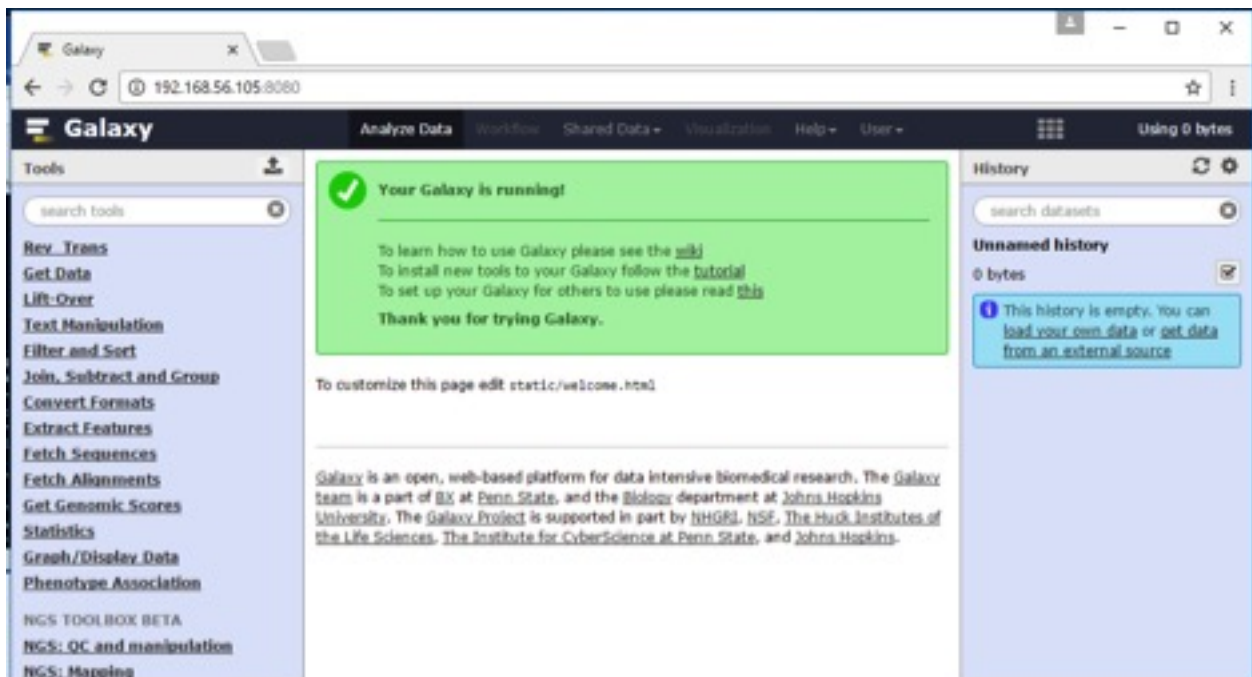
#### 3.6.1 Galaxy instance IP address unreachable



### 3.6.2 Reinitialize TED appliance



### 3.6.3 Reconnect Galaxy instance IP address on web browser





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## CHAPTER 5

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### Contact

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