AIRBUS

Fortion® MediaMining

Installation Procedure in Virtual Machine Environnement
(Fortion MM 2.1 only)

XXXXXX Ed 01-Rev00 13-10-2017

Not Protected

DOCUMENT SUMMARY

Title	Fortion® MediaMining - Installation Procedure in Virtual Machine Environnement		
Reference	XXXXXXX		
Version	01-Rev00		
Date	13/10/2017		
Status	Released		
Author (s)	Daniel ADONIAS	AIRBUS DS	
Verified By	Daniel ADONIAS	AIRBUS DS	
Validated By	S. CORMIER	AIRBUS DS	
External Diffusion			
Internal Diffusion			

HISTORY

Version	Date	Description
01-Rev00	13/10/2017	Document creation.

TABLE OF CONTENTS

1 Introduction

1.1 Document overview

This document is the installation manual and execution of the Fortion Media Mining product on a VM Virtual BOX.

It presents the following elements:

- Software installation
    - o Install the VM VirtualBox software on a Windows platform §2.1
    - o Install Fortion MediaMining – 2.1VM VirtualBox product §2.2
    - o Sign in to Fortion MediaMining – 2.1 VM VirtualBox §3.1
    - o Start Fortion MediaMining within the VM virtualBox §3.2
    - o Sign in to FortionMediaMining §3.3
    - o Select of the Fortion MediaMining language §3.4
    - o Stop Fortion MediaMining within the VM virtualBox §3.5
    - o Close the VM VirtualBox §3.6
- Start and stop your VM Virtual System §4

The software installation and start/stop of your VM VirtualBox have been tested on PC with the following characteristics:

- DELL Desktop
- Windows 10 : Version 1703 OS Build 15063.608
- System type : 64-bit operating system, x64-based processor *
- 4 processors intel® core ™i7-7700 HQ CPU@2.80 GHZ *
- 32GB memory DDR4 *
- 1To SSD disk storage or HD 7200 tr/mn
- 1 Ethernet acces INTEL PRO/1000MT. *
* Mandatory

The Fortion MediaMining – 2.1VM VirtualBox product retrictions are :

- Liferay password can't be changed by the user,
- No option (translation, video, audio, speaker reconition) has been installed,
- Only WEB and RSS sites can be selected in Sources view,
- "Enable Alert by email" function is desactivated in Search View,
- "Send by email a report describing the selected items" function is desactivated in Worspaces view
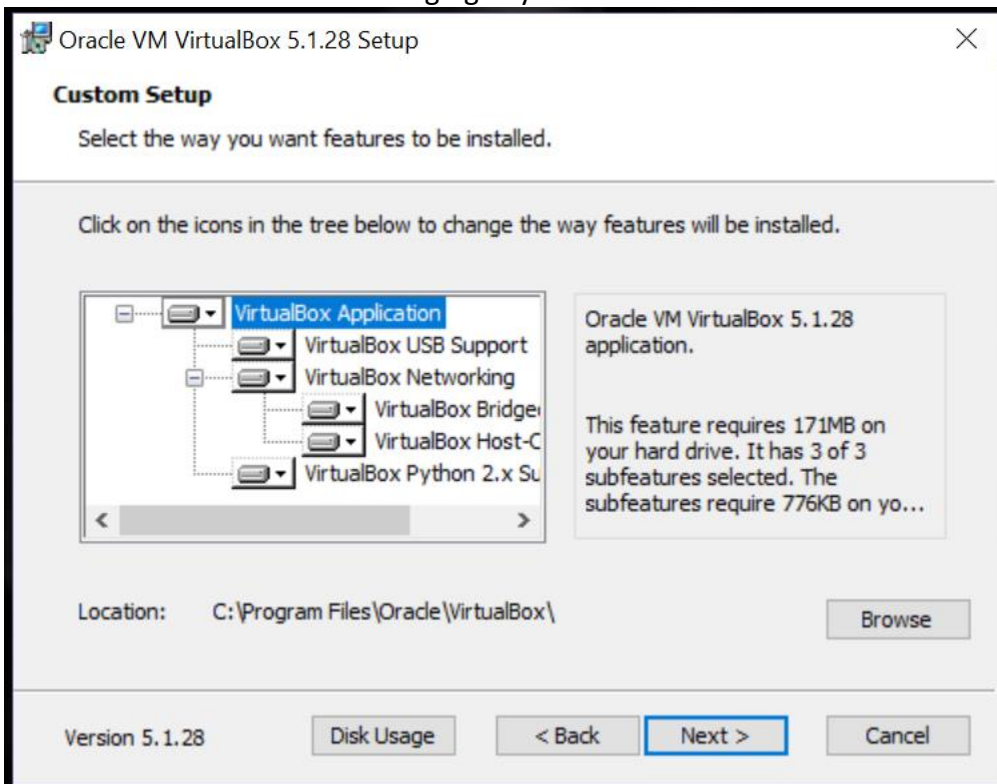
2   Software Installation

2.1   Install the Virtual Box Software

On Windows, run VirtualBox-5.1.28-117968-Win.exe in "Fortion MediaMining Delivery" directory and follow the instruction.
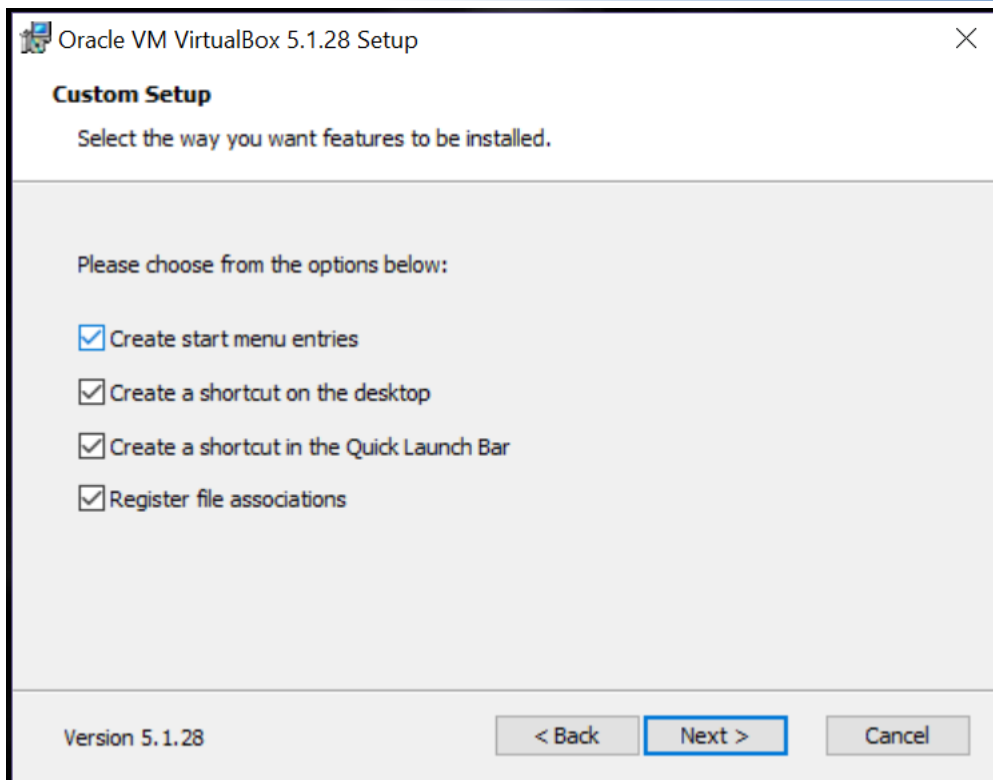
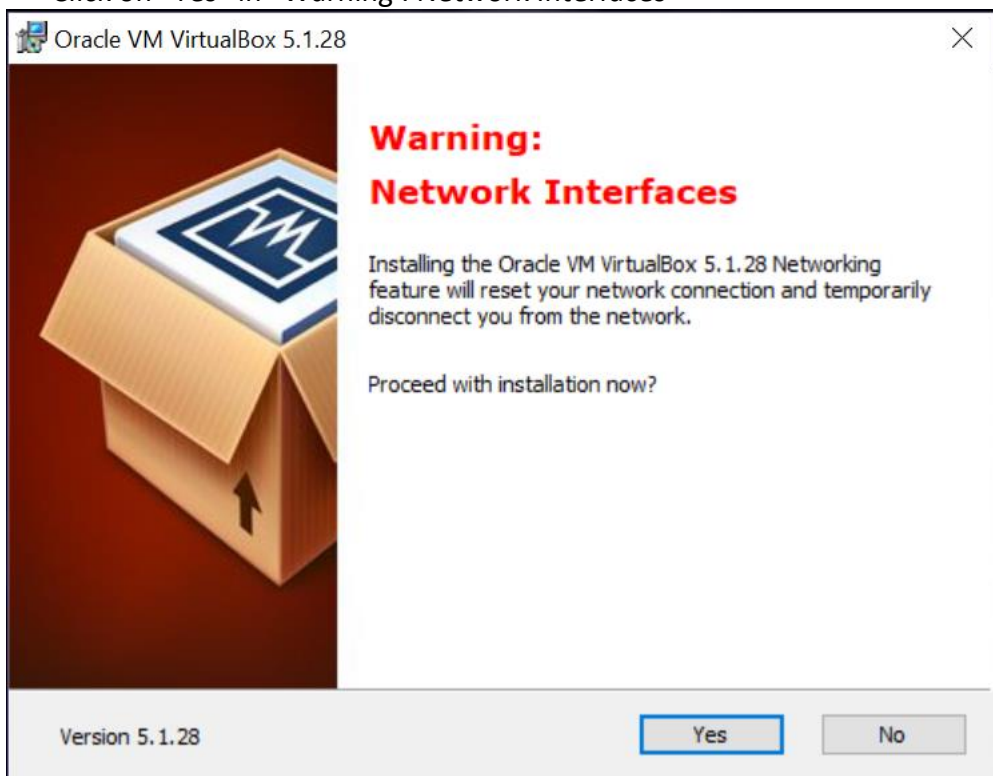- Click on "Next" in "Welcome to the Oracle VM VirtualBox 5.1.28 setup Wizard" window

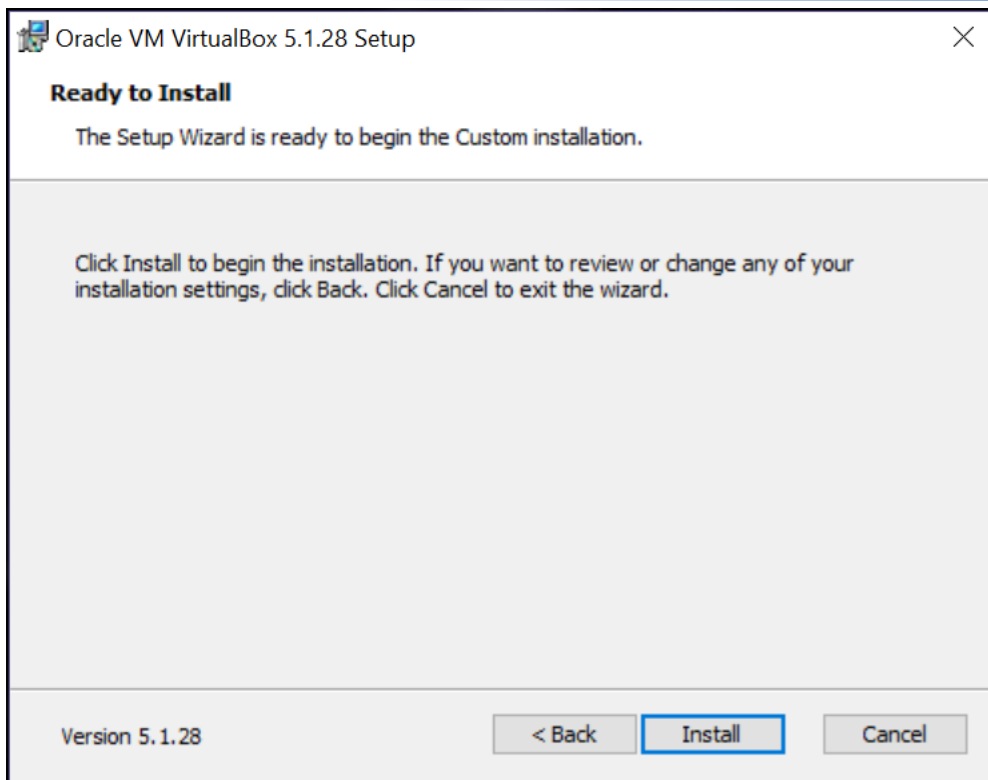- Click on "Next" without changing any folders

- Let all options selected
- Click on "Next" in "Custom Setup" window
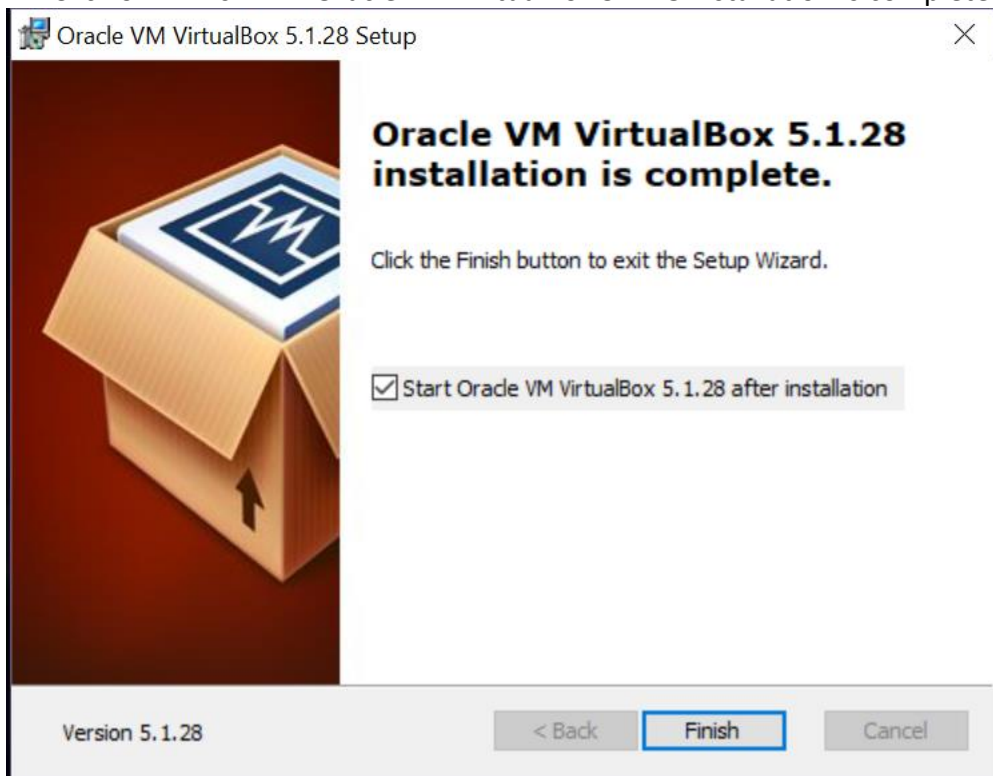
- Click on "Yes" in "Warning : Network Interfaces"

- Click on "Install" in "Ready to Install" window

During the installation a "UserAcount Control » windowis dysplayed, click on « Yes » for allowing "Oracle VM VirtualBox" application to make changes to your device

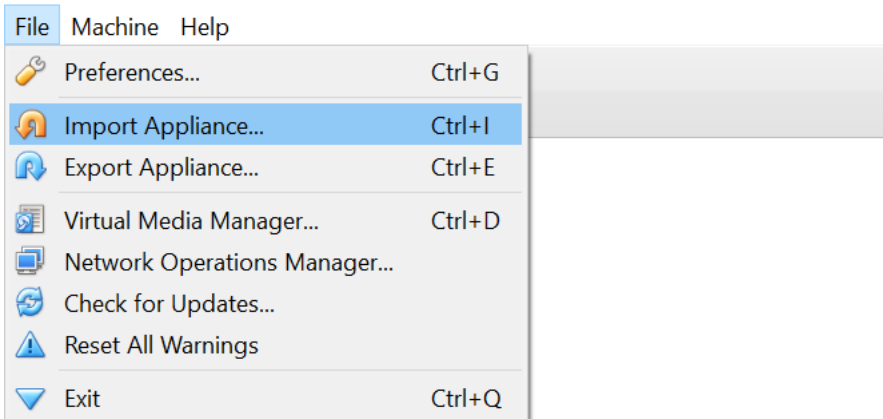- Click on "Finish" in "Oracle VM VirtualBox 5.1.28 installation is complete"

OracleVMVirtuaBox Manager application is automatically launched.

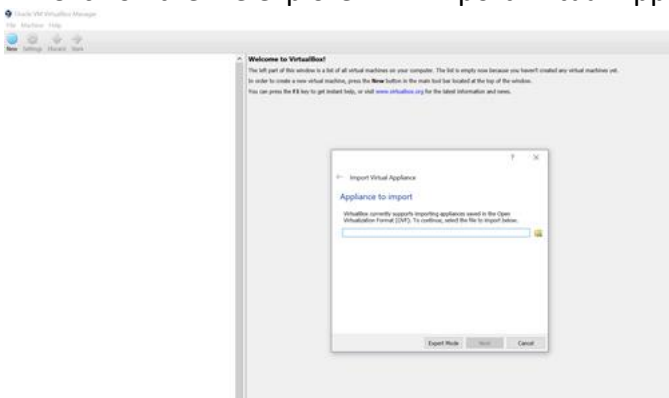## 2.2 Install the Fortion MediaMining – 2.1 VM VirtualBox product

2.2.1 Import the VM

- Go to → File/Import Appliance..

- Click on the file explorer in "Import Virtual Appliance" window

- Browse to the "Fortion MediaMining Delivery" directory and select the file ≪ FortionMM-2.1.ova ≫
- Click on "Open"
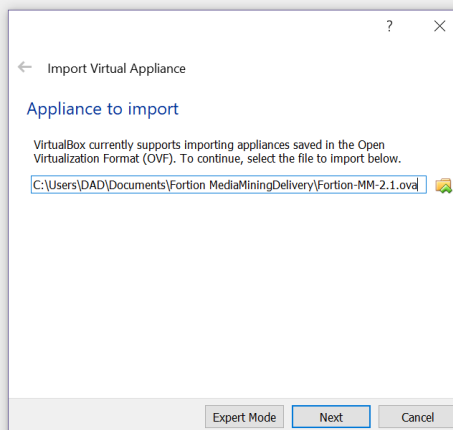- Click on "Next" in "Import Virtual Appliance" window

- Click on "Import" in "Import Virtual Appliance" window

The import should take about 5 to 10 minutes.

2.2.2 Configure the VirtualBox Network

- Click on "Fortion-MM-2.1" in "Oracle VM VirtualBox Manager" (1)
- Click on "Settings" (2)

- Click on "Network' in "Fortion-MM-2.1 – Settings" window (3)
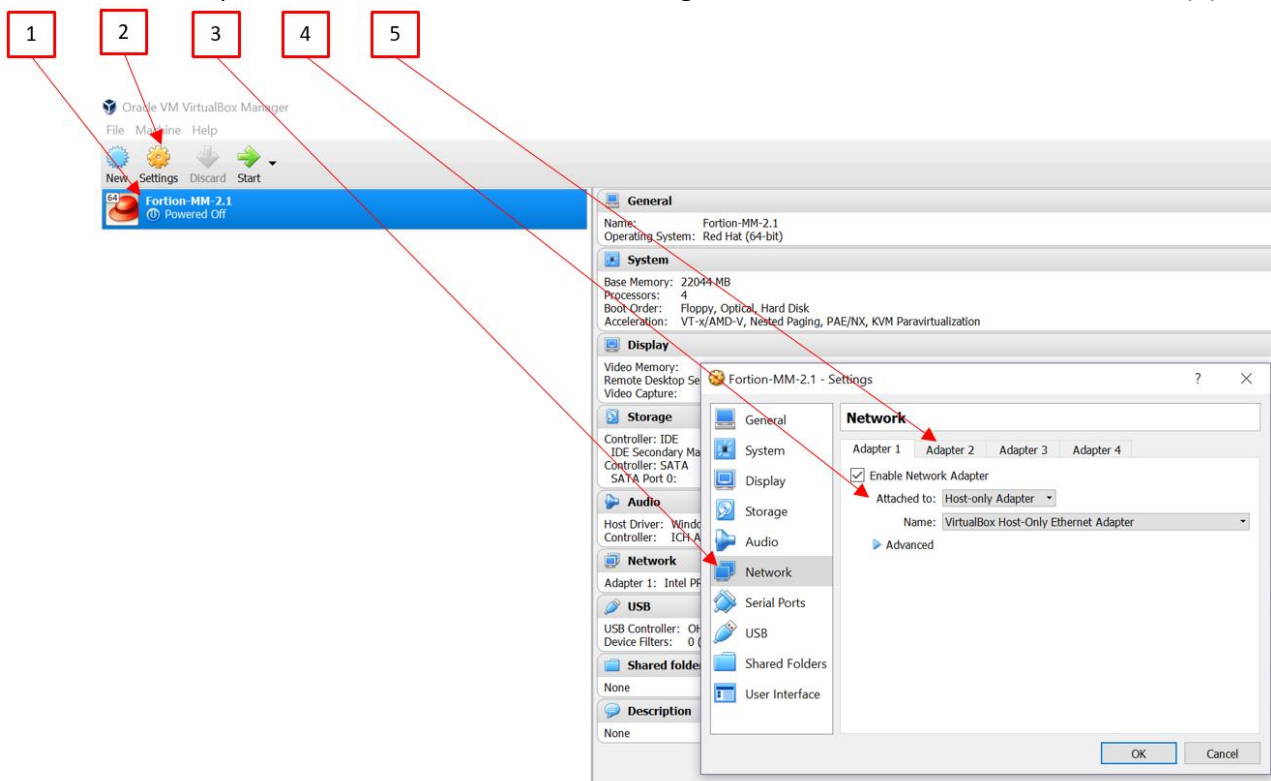- Check the option "Enable Network Adapter" to activate it in "Network" sub-window
  If the PC has many Ethernet acces, you must select the Ethernet access connected on Internet in filed "Name"
- In the field "Attached to" select Hot-only Adapter" (4)
- Click on "Adapter 2" in "Fortion-MM-2.1 – Settings" window in "Network" sub-window (5)

- Check the option "Enable Network Adapter" to activate it
- In the field "Attached to" : select "NAT" (6)
- Click on "OK"
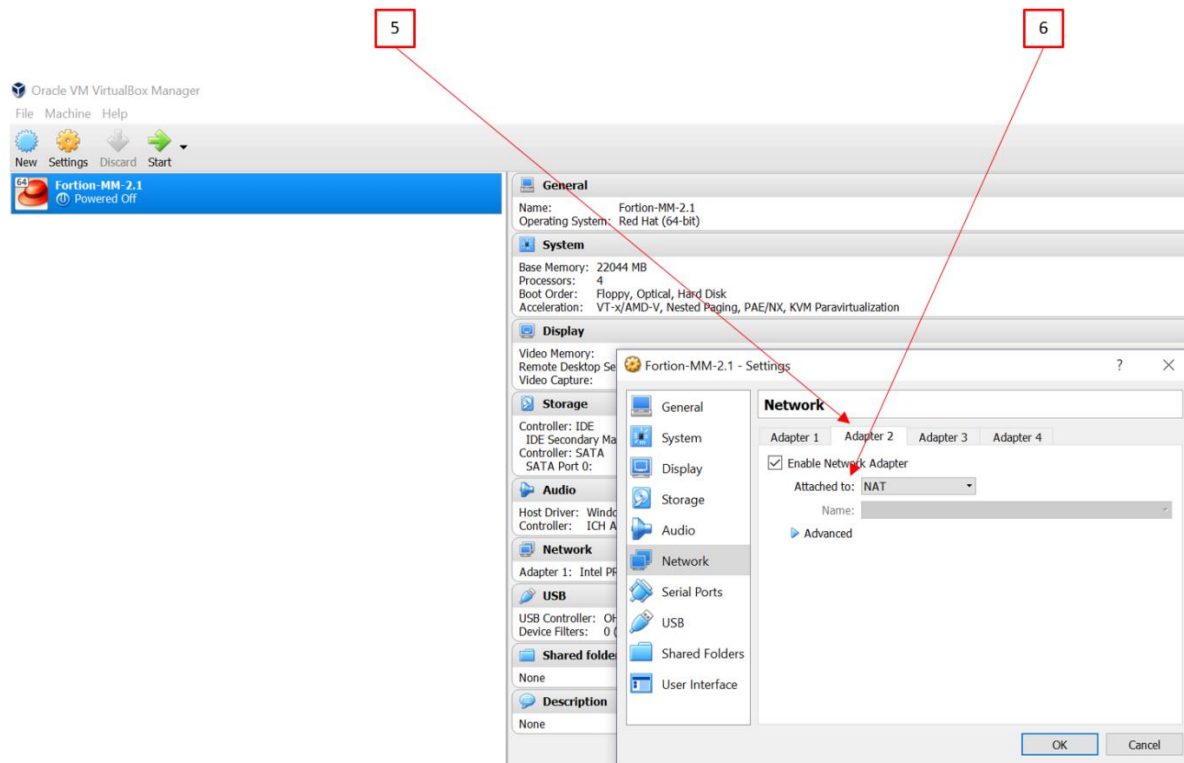
2.2.3 Start the Fortion-MM-2.1 VirtualBox

- Select the "Fortion-MM-2.1 VirtualBox"
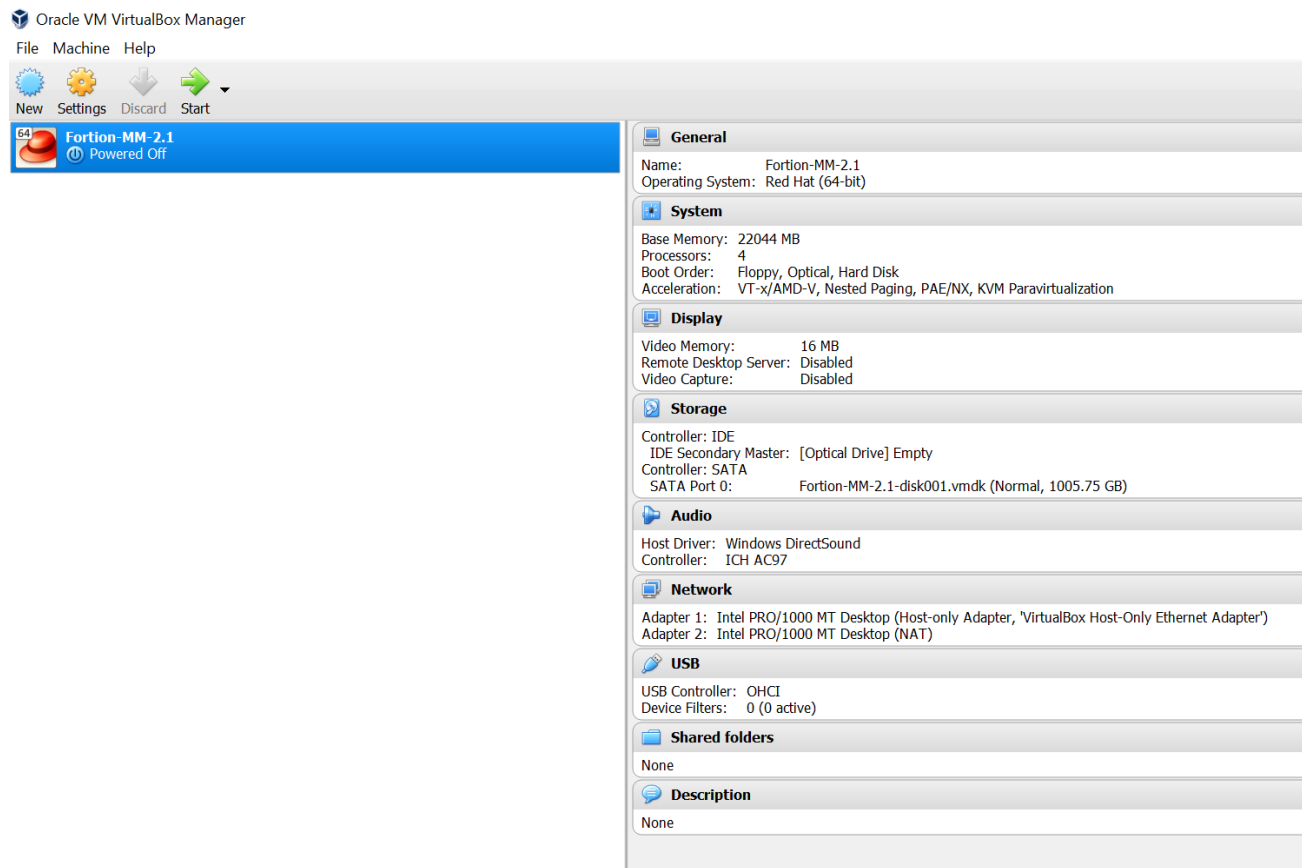- Click on "Start"

3   Sign In to FortionMediaMining

3.1   Sign in to Fortion MediaMining -2.1 VM VirtualBox

The VM virtualBox user/password is : **weblab/weblab**

Be careful : The default keyboard of Fortion MediaMining within the VM VirtualBox is a QWERTY type keyboard. If you have an other keyboard type, find the character of the password on your keyboard and after the first loging, change the default keyboard on Applications/**System Tools/Settings/Keyboard/Input Sources.**

## 3.2   Start Fortion MediaMining within the VM VirtualBox

After the connexion on VM VirtualBox, open a terminal and execute the following commands (you can copy paste the following commands)

- cd ~/Desktop/FortionMM-2.1
- ps –edf|grep java if there are java process, kill them. Some java process may be ghost process if the VM VirtualBOX is closed before stopping all weblab processes.
- ./weblab.sh start

The full installation process of the system will be done after the first startup. This explains why the first start will be longer than normal starts. Liferay will deploy all the portlets that are provided as war file by default. Please wait at least 5 minutes after the scripts says that Liferay is started before considering that all portlets are deployed. Once the portlets have been deployed, next time the application is started, the startup script will wait for their actual starting before telling that the whole application has started.

Wait for all servers to be ready. (About 5 minutes)

- Open Firefox
  - Click on Applications/Favorites/Firefox Web Browser
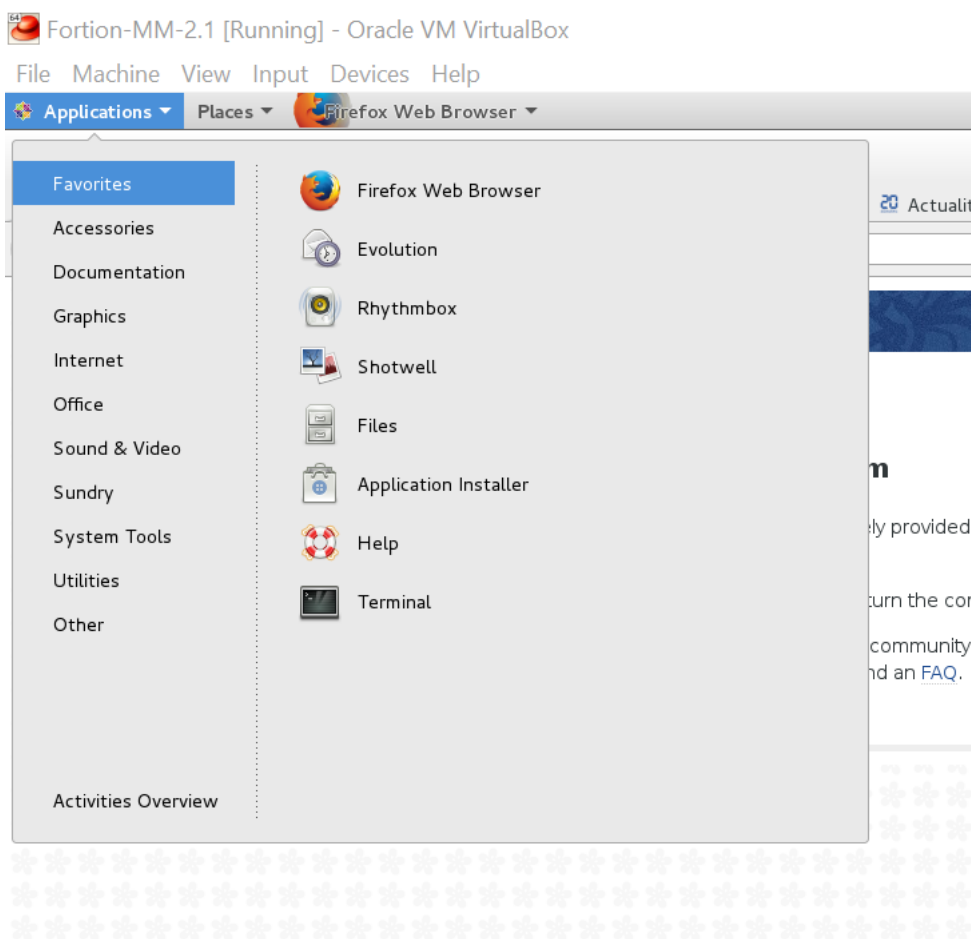
- Check the Internet connexion
  If the Internet connexion is too slow, you can add WEB or RSS site in Fortion MediaMining sources view
- Go to: http://localhost:8080

3.3   Sign in to Fortion MediaMining

Fortion MediaMining user/password accounts availables are :
- user@weblab-project/user
- advanced-user@weblab-project /advanced-user
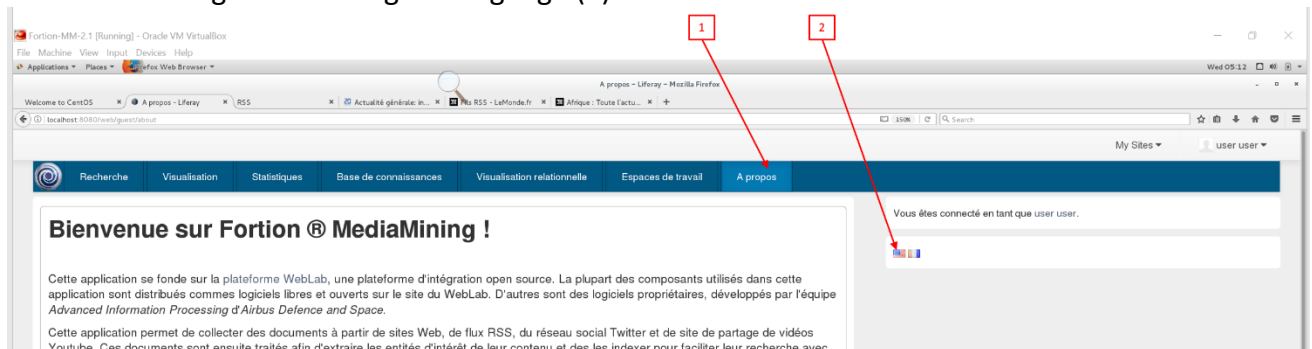- administrator@weblab-project /administrator

3.4   Select of the Fortion MediaMining language

By default, the Fortion MediaMining language is French. At the first connexion, the user can change the default language.
- Click on "Je suis d'accord" in "Condition d'utilisation – Liferay – Mozilla Firefox" window (1)
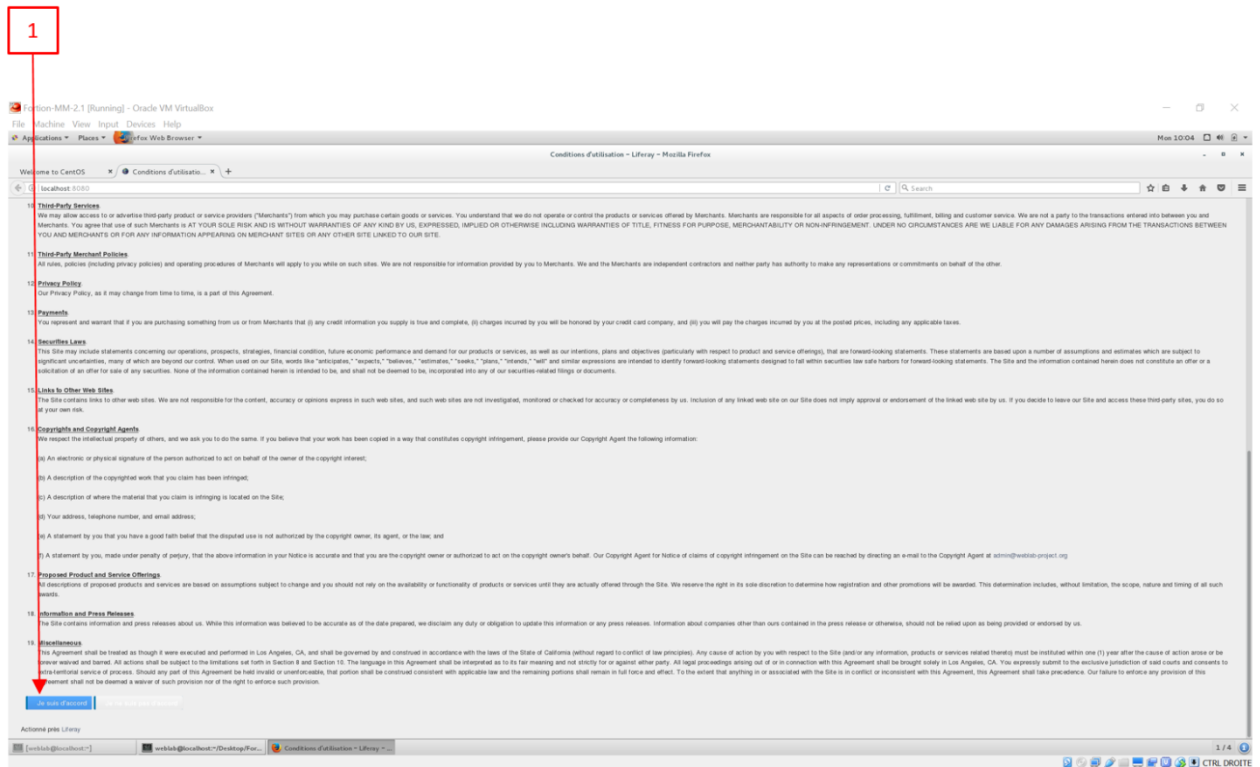
- Click on "A propos" (1)
- Click on "US" flag to select English language (2)

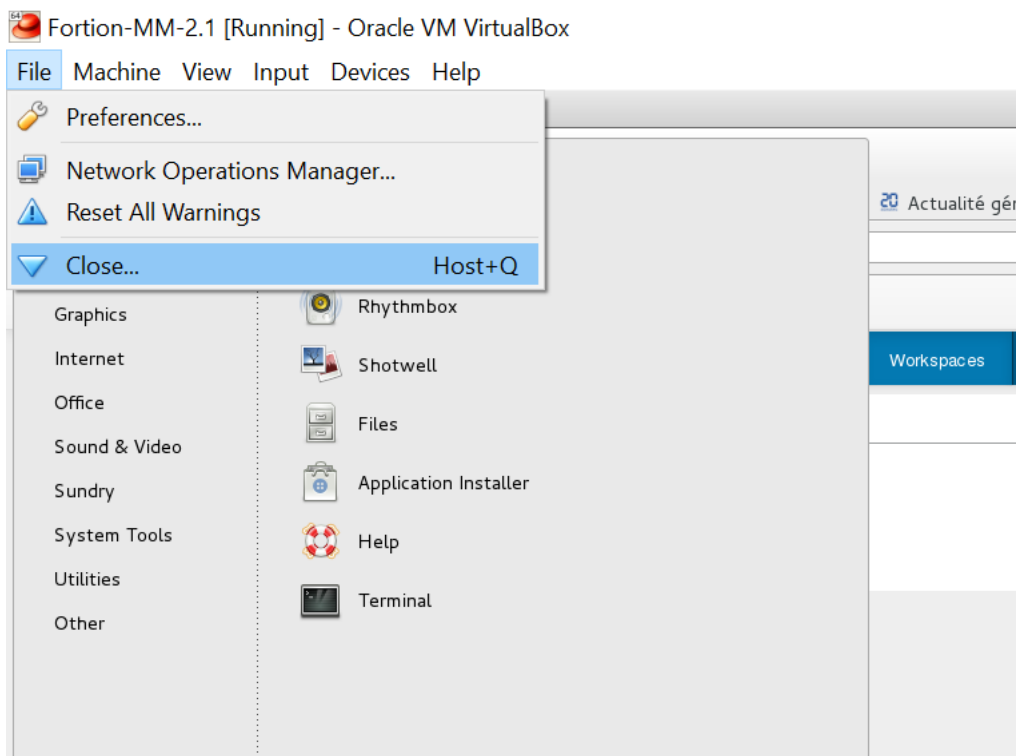## 3.5   Stop the Fortion MediaMining within the VM VirtualBox

Open a terminal and execute the following commands (you can copy paste the following commands)
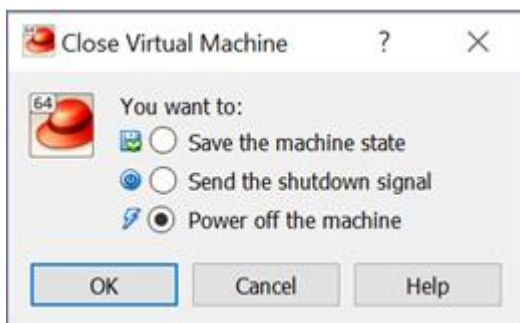- cd ~/Desktop/FortionMM-2.1
- ./weblab.sh stop

3.6   Close the VM VirtualBox

- Click on File/Close in "Fortion-MM-2.1 – Oracle VM VirtualBox

- Select "Power off the machine").

4   Start and stop your VM Virtual System

4.1   Start your VM Virtual System

After the first "VM VirtualBox" closing, launch "Oracle VM VirtualBox" on your Windows PC :
double-click on your desktop shortcut "Oracle VM VirtualBox":

- Click on "Fortion-MM-2.1 – Oracle VM VirtualBox".
- Click on "Start"
- Enter the user/password :weblab/weblab
- Execute the same actions as §3.2
- Sign in to Fortion MediaMining as §3.3

4.2   Close your VM Virtual System

- Close your VM VirtualBox as §3.6