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Oracle BIEE 12c SampleApp v607 Virtual Appliance Quick Deployment Guide

Versions	URLS	Image details
- Oracle Enterprise Linux 6.7 x64 - **Oracle BI 12c GA 12.1.1.0** Visual Analyzer Mobile App Designer Oracle Mapviewer 12c MV Demo Samples Sample Application Content - Oracle Database 12.1.0.2.0 EE R 3.1.1, ORE 1.4.1 Oracle Apex 5.0.3 Oracle Data Mining Oracle Spatial and Graph - BigData- *requires separate download* Cloudera Manager/CDH 5.7.0 BigData SQL BigData Connectors Hive Thrift Server > DVD to Spark - EPM 11.1.2.4 Standalone *requires separate download* - Download the 12c BI admin tool here The 11g admin tool will not work..	All BI logons are prodney/Admin123 http://demo.us.oracle.com:7780/va/home.jsp http://demo.us.oracle.com:7780/analytics All WLS logons are weblogic/Admin123 http://demo.us.oracle.com:7001/console http://demo.us.oracle.com:7001/em	- root/Admin123 - oracle/Admin123 - 12c db. system/Admin123 - virtual machine auto logon as user oracle - by default image is set with NAT networking o change to bridge networking if your VM is using DHCP - 1st Startup time for BI services is between 7-10minutes - All 12c BI related product logons are prodney/Admin123 - All WLS related logons are weblogic/Admin123 - Users that obtained the image from OTN please see the disclaimer below regarding necessary R packages START HERE: - See desktop icon 'v607 image details' for full details on this release Start here image details

About 12c SampleAppv607

This virtual machine is intended to showcase the functionality and capabilities of Oracle BI 12c. All standard OOB SampleApp content from v606 has been updated and enhanced for this release

NOTE: Users who download V607 from OTN. **Many examples in this release use external R packages in order to get R/ORE and BI-AA examples to work**. Click the desktop icon 'How to Install R Packages for Sampleapp' for details

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Virtual machine download & deployment

1. **Prepare your host system.**
   Minimum 8GB, 16 GB ram and SSD are recommended.
   Turn on Virtual Assist features in the BIOS (usually done by default). Refer to Troubleshooting tips in Step 12 for more details.

   ~ 105 GB of temp disk space needed to download and install. (Includes zips files that total 24 GB, and and 24GB .ova, 58 GB OOTB deployed image) note: ova and zip files can be deleted once the import is completed

   - Download and install Free Download Manager or an ftp client of your choice.
   - Download and install md5sum (optional)

2. **Download and install** Oracle Virtual Box (4.3.x and above is supported,**5.x and above is recommended**. 5.1.2 is the current version)

3. **Click** Here to open the SampleApp OTN Page
   a. Sign into OTN prior to starting your download

4. **Navigate to the SampleAppv607 Section**
   a. You must accept the licensing terms prior to proceeding
   Download files SampleAppv607p-appliance.zip .001 through .005

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OBIEE 12c 12.2.1.1.0 - Sample Application v607
VirtualBox Image (includes BIEE 12c, Visual Analyzer, Advanced Analytics & Oracle Database 12c)

Oracle BI Tech Demos YouTube Channel | Step by Step demo on how to deploy this release

File	Description
SampleApp 607 Image Files	Start Here: deployment guide, and whats new in SA 607
SampleAppv607p-appliance.zip.001 SampleAppv607p-appliance.zip.002 SampleAppv607p-appliance.zip.003 SampleAppv607p-appliance.zip.004 SampleAppv607p-appliance.zip.005 SampleAppv607p-appliance.zip.005 Checksums (MD5)	-Download all zip files into a single directory (24GB) -unzip the .001 file -a sampleappv607-appliance folder with a .ova file will be created -open VBox manager and import your *607.ova file
SampleApp v607 PSUs	Mandatory Patches to be applied to your SampleAppv607 image
v607 Visual_Analyzer Access Patch SampleApp v607 Plug-ins	For all users- resolves access issue when connecting to Visual Analyzer from a remote browser or Mobile HD application. Plug-ins available for v607 * OPTIONAL DOWNLOADS*
epm11124-package.tgz BigData on SampleApp	For users who require full standalone EPM 11.1.2.4 deployment. Please refer to EPM Plug-in for SampleApp v607.pdf for details. Contact your local oracle sales rep for details

Extraction and Import

4a. with all zip files are downloaded into a single directory, unpack them with 7zip or zip utility of your choice.Extract your zip files (note: you only need to select zip file .001 when extracting, the rest will automatically unpack)

Linux users can run the following command as shown below.

- 7za x SampleAppv607-virtual-appliance.001
- Users with a **graphical zip utility** can right click on .zip.001 and choose extract
- (Typical extraction time will take between 5 and 10 minutes depending on your host machine)
  when completed a folder called SampleAppv607i-08112016 **will be created containing a** SampleAppv607-appliance_ga.ova **file**

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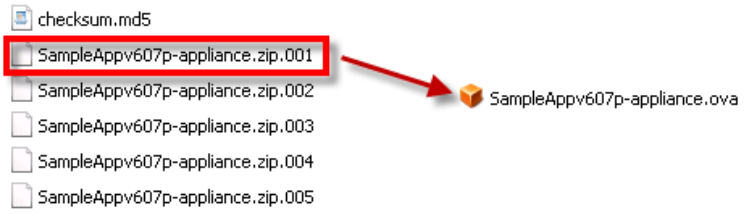
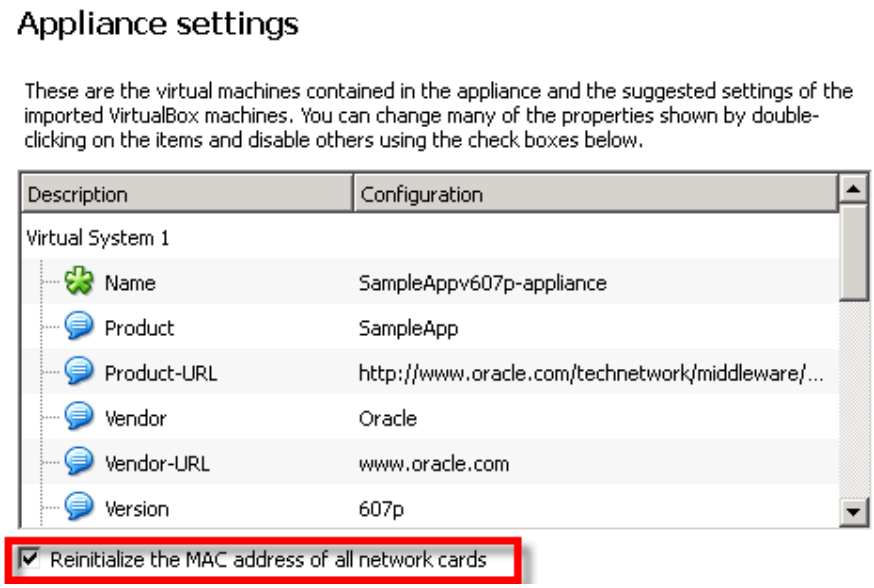


5. **Start Oracle Virtual Box Manager** Click File / Import Appliance /Open appliance (you can also double click your. ova file to open virtual box manager
   - Navigate to the location you downloaded the SampleAppv607p-appliance.ova file
     - Click import (typical import time is between 10 to 20 minutes)



ONCE YOUR VM IMPORT IS COMPLETED PROCEED TO STEP 6

Virtual Machine Settings

6. **Virtual Machine Settings** (Review this section fully before powering on)

   By default your vm is configured with the following parameters which is ideal for an 8GB host system

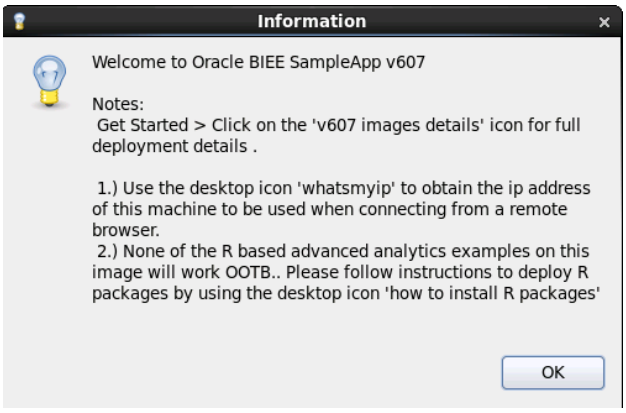
   - 6.5 GB ram
   - 4 processors
   - NAT Network adapter
     - By default your VM once powered on will have a IP address 10.0.2.15
     - See how to setup port forwarding on YouTube. Port forwarding allows you to access your VM from a local web browser directly on your host machine
     - OOTB port forwarding rules have been setup for BI, BigData and VNC

- Users with more physical host memory can allocate more memory to the virtual machine
    - You can edit any of the VM configurations by clicking on edit/settings

- If your VM can obtain a IP addresses via DHCP change your networking to bridged

7. **Start your VM** it will auto logon as **oracle/Admin123.**

NOTE: use the desktop icon 'whatsmyip' to determine the IP address of your vm , if you are using NAT networking your IP will be 10.0.2.15, if you are using bridged networking your IP address will be dynamic



★if you are using bridge networking and your VM does not have a IP address at boot up you must either assign it one manually or power off and switch to NAT networking in order for services to start properly

8. **Adjust your screen resolution** to fit your host machine

- From your toolbar menu click on system/preferences/display and select a screen resolution as needed
- Your screen should auto adjust automatically

★**VBox Tools /shared folders/guest extensions**: ensure your virtual box tools are up to date and your Vbox guest extension pack is installed to ensure maximum performance and stability. For recordings on these topics as well as creating shared folders click here

PROCEED TO STEP 9 TO REVIEW THE SERVICE STARTUP PROCESS

Starting Services overview

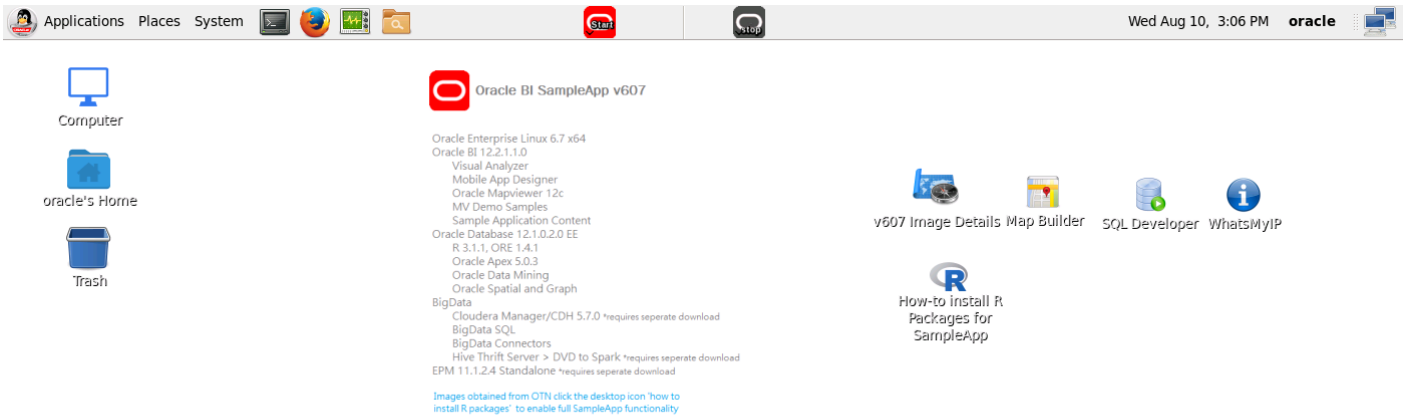
9. Starting Services

Click on the desktop icon "v607 image details" > starting services tab for instructions on starting services

- Typical 1st start time is between 7 to 10 minutes (subsequent service starts are substantially faster)
- Follow the 'recommended startup' process
    - Note: start/stop all scripts are available
- Subsequent services startup will be faster

- Download the bi thin client here click here

SampleApp v607 Desktop



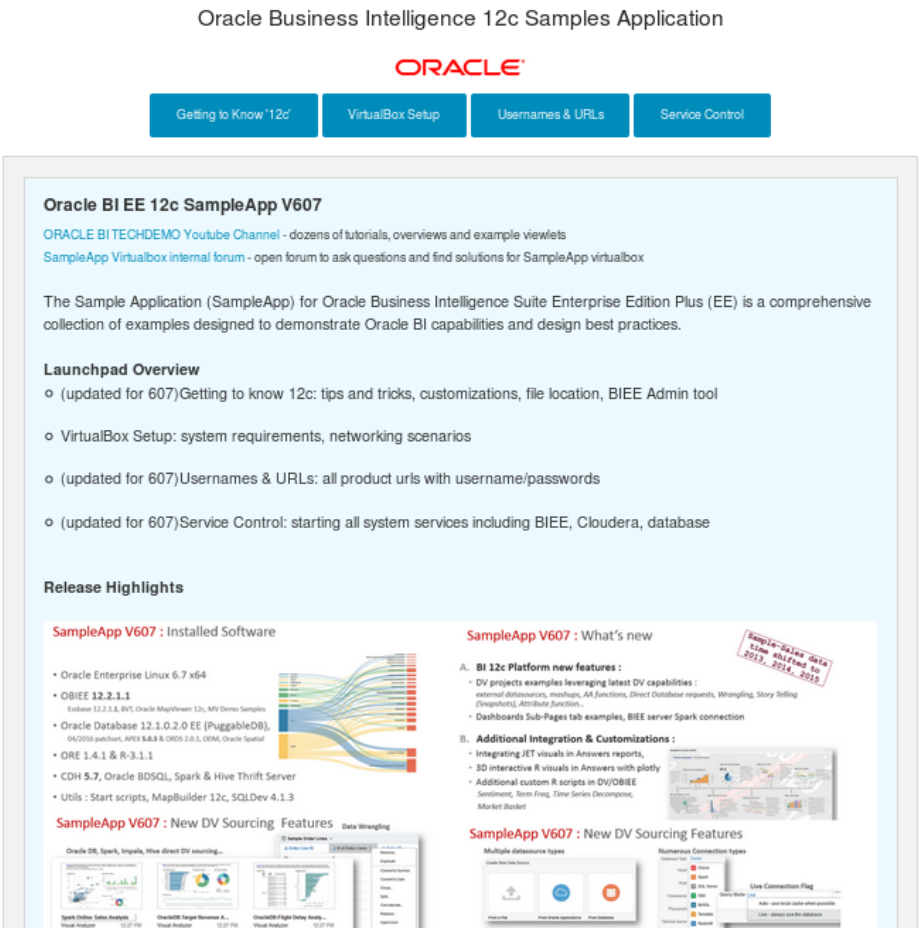
Start Here: Getting to Know SampleAppv607 and BI 12c

All Users should start with the v607 image details launch Pad for details, tips and deployment options, service control and users and URLs for this release.

NOTE: service control tab contains all port numbers used in 12c

Launchpad Overview

- Getting to know 12c: tips and tricks, customizations, file location, BIEE Admin tool
- VirtualBox Setup: system requirements, networking scenarios
- Usernames & URLs: all product urls with username/passwords
- Service Control: starting all system services including BIEE, Cloudera, database



SampleApp Plug-ins

In addition to the robust OOB functionality SampleApp offers additional plugins are available to enhance your SampleApp image.

Current offerings:

- EPM 11.1.2.4- download directly from OTN
  - Standalone full EPM deployment within in a separate MW home

- Cloudera 5.7.4 CDH- contact your local oracle sales rep for details
  - Cloudera manager and all CDH components
  - Supports the 9.60 dashboard sets with examples of BI and Cloudera integration
  - Includes hive thrift server for Oracle Data Visualization Desktop connectivity