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| **PaaS Integration Cloud Service - Virtual Box Release Notes** |

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## Introduction

Oracle Integration Cloud Service provides native connectivity to Oracle Software as a Service (SaaS) applications, such as Oracle Sales Cloud, Oracle RightNow Cloud, Eloqua and so on. Oracle Integration Cloud Service *adapters* simplify connectivity by handling the underlying complexities of connecting to applications using industry-wide best practices. You only need to create a *connection* that provides minimal connectivity information for each system

### Goal

This VBox image was built to allow sales teams to expose customers to what functionality is available with Integration Cloud Service or use it as a learning platform. It is NOT meant to be used for deep dive functionality demos or POC’s.

### Demo Highlights

* This demo VBox image is based on the Integration Cloud Service (ICS) 16.2.1
* The functionality within this ICS VM image should enable the sales team to provide customers with an idea of ICS functionality to determine if they want to continue with a live demo of ICS.

## Connectors available in ICS:

Database

Eloqua

Eventbrite

Evernote

FaceBook

FTP

Google Calendar

Google Mail

Google Task

LinkedIn

MailChimp

Microsoft Calendar

Microsoft Contact

Microsoft Email

MySQL Database

NetSuite

Oracle Commerce Cloud

Oracle CPQ

Oracle E-Business Suite

Oracle ERP Cloud

Oracle HCM Cloud

Oracle Messaging Cloud Service

Oracle RightNow

Oracle Sales Cloud

Oracle Siebel

REST

Salesforce

SAP

SOAP

SurveyMonkey

Twitter

## Downloading & Setting Up the VM

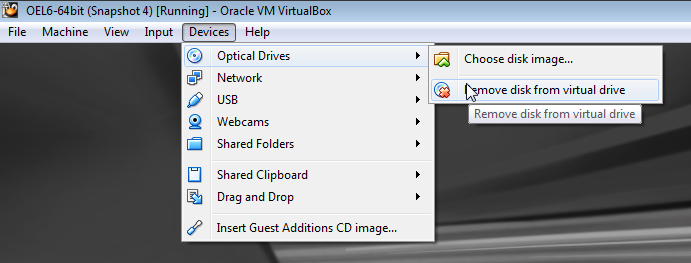
1. Download the VM zip part files using the downloader script available from the [GSE demo store entry](https://adsweb.oracleads.com/apex/f?p=GO:PAGE:0:DSD:NO:1:ID:29853).
2. When you run the “integration\_cloud\_service\_downloader.bat” script on your PC/Laptop, it will ask you for a folder name where the zip part files need to be downloaded
   1. Note that this folder name should not contain any spaces which will result in the downloader to not work properly
   2. For example, “D:\My ICS VM” won’t work. Instead provide something like “D:\MyICSVM”
3. Once all the zip part files have been downloaded, make sure you have got all the following listed 11 files:  
   *paas\_integration\_cloud\_service\_vm.zip.001* to *paas\_integration\_cloud\_service\_vm .zip.08*
4. After the part files have got downloaded, now run the following command to extract the OVA:  
    **7z e paas\_integration\_cloud\_service\_vm.zip.001  
     
   Note:   
   a) You will need to have latest version of 7z for this to work, preferably 7z version 9 or higher.  
   b) Usually the 7z executable is found under C:\Program Files\7-Zip**
5. This will create the OVA file: paas\_integration\_cloud\_service.ova.
6. Once the OVA file has been extracted, follow the instructions in the “*Virtual Box download and config - General Guidelines*” document in the same demo store entry.

### Adding guest additions

If you are adding guest additions please update the guest addition software installed. The problem is the VM using an old version of Guest additions (4.2.16), Please install a newest version of the support software (5.X) and VM works fine.

Before you install guest additions please follow the below steps:

If you have installed guest addition 4.X, VM is frozen go to devices and remove the disk image, this step must be completed before you log into the operating system



VBOXADDITIONS image is not anymore on desktop, VM is usable now.

Now let’s update the packages.

You can download the guest additions package from stbeehive or download it yourself on VBOX.

Link to download the package:

<https://stbeehive.oracle.com/content/dav/st/DSS%20Technology%20Demo%20Shared/Public%20Documents/FusionMiddleware/ICS%20Laptop%20VM/VBOXADDITIONS_5.0.14_105127.zip>

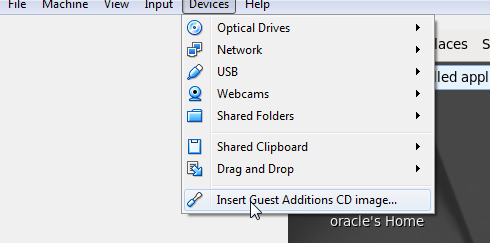
* Copy **VBOXADDITIONS\_5.0.14\_105127 .zip** to /media as root
* Unzip the **VBOXADDITIONS\_5.0. 14\_105127.zip**
* **./VBoxLinuxAdditions.run**
* **Restart VM**

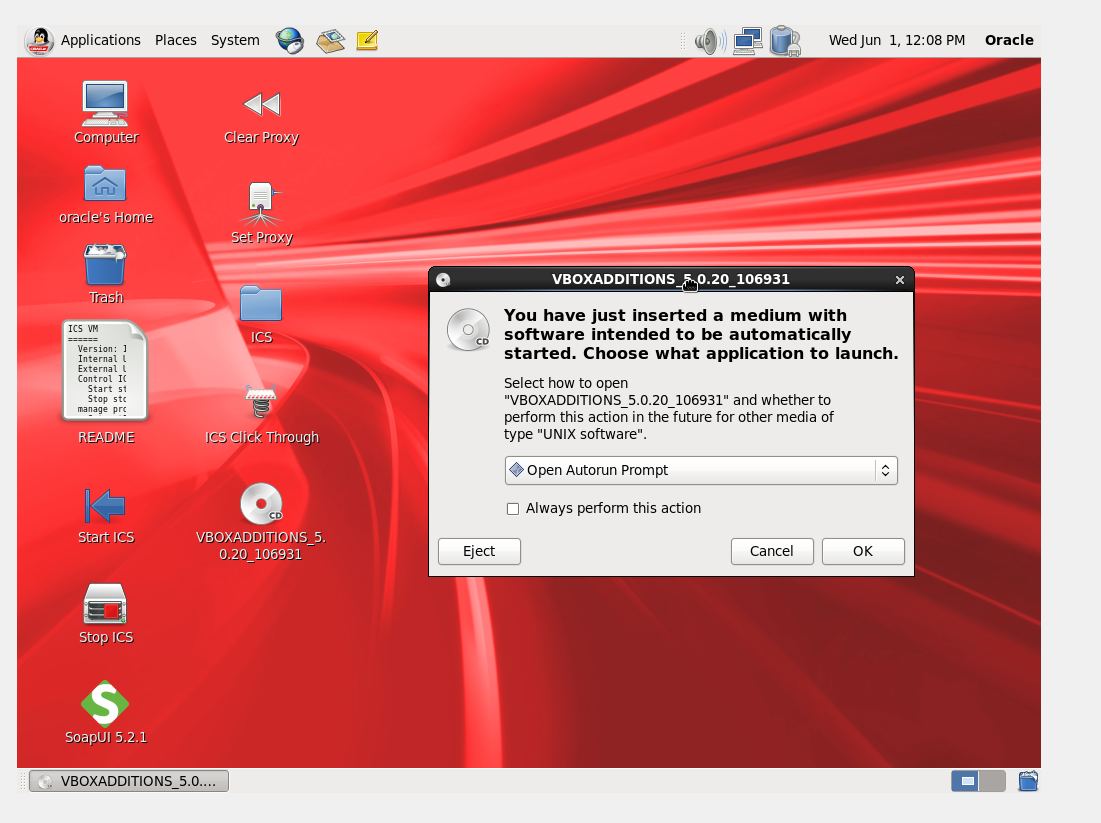
Or

**To download directly from repository:**

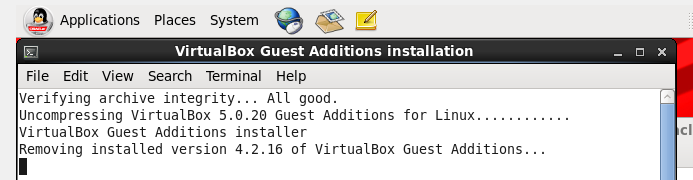
Open a terminal and type the following commands.

* **su root**
* **yum update (**It will take some time to update the packages**)**
* Now install guest additions via Virtual box menu as normal





* Click OK and then RUN. If the VM freeze again force a restart using virtual box.
* When the VM start again guest additions will be uninstalled, you can note this because now you don’t have mouse integration anymore, log into the operating system and VBOX guest additions image disk will be mounted, open a terminal to install a most recent version of guest additions and do the following
* **cd /media/VBOXADDITIONS\_5.0.XXXXX/**
* **./VBoxLinuxAdditions.run**

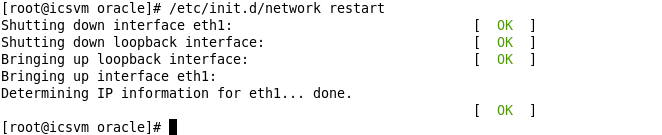


* Wait for the installation to be completed (is a 10 min process), reboot the machine.
* Now the VM has a most recent version of guest additions (5.0.X) and now is able to work on full resolution as well as share clipboard and mouse integration with the host machine

**Note**: Check if internet is working on you VBOX if it is not working please follow below instructions

### Troubleshooting internet connectivity issue in VBOX

* Open the terminal.
* With root user execute **/etc/init.d/network restart** . Wait for couple of minutes and reload page.



Still not working? You can also try the below instructions:

1. Start vbox. Check if internet is working.
2. Go to Linux menu bar .If not click on “System”- > “Administration” ->”Services”
3. Service configuration terminal will open
4. Check the Name column for “Network Manager” Check if the service is enabled.
5. Enable button should be grayed out. If it is not showing green the network manager is not running. You can enable the Network Manager and stop and start services and closeEnvironment Overview

### Ports Used

List all the ports used by different services for this demo.

|  |  |  |
| --- | --- | --- |
| Integration |  | Port |
| Weblogic AdminServer |  | 7001 |
| ICS Server |  | 7001 |
| Orcl database |  | 1521 |
| Pdborcl database |  | 1521 |
|  |  |  |

### Bill of Materials

* Oracle Enterprise Linux 6.4 x64
* Integration Cloud Service 16.2.1
* Oracle Database 12c

### Web Access Information

**Integration Cloud Service Workspace -** <http://localhost:7001/ics>

**Oracle WLS Console -** <http://localhost:7001/console> weblogic/welcome1

**Enterprise Manager** - <http://localhost:7001/em> weblogic/welcome1

### Password retrieval link:

Eloqua : <http://unit24601.oracleads.com:7778/cgi-bin/ics/OEloqPasswordRetrieve>

Sales Cloud : <http://unit24601.oracleads.com:7778/cgi-bin/ics/OSCPasswordRetrieve>

### Demo Users

|  |  |
| --- | --- |
| **Demo User ID (login)** | **Password** |
| weblogic | welcome1 |

## Administration and Maintenance

### Booting up & First Login

* + - On the first boot, you will need to login as root/oracle
      * You will be asked to enter your email id for registration
      * This is a onetime registration of the VM usage by any user
    - Once this is done on first boot, you can login to oracle/oracle user to start using the ICS applications
    - On all subsequent boots, you can login directly to oracle user for running the PaaS – ICS applications

### OS Users

* + - oracle/oracle
      * Login to this user always for running ICS
    - root/oracle
      * For any root level administration operations

### Starting & Stopping Services

* + **VM Control Center for ICS Services:** On the VM desktop of oracle user, click on the ‘**Start** **ICS** “ icon to start the VM Admin and ICS server. Click on Stop ICS to stop ICS and Admin server.



### Product Directories

### The home directory of the user is /home/oracle with the following relevant directories

* + **/home/oracle/ICSOPInstall/ICSOP/app/Oracle/Middleware/Oracle\_Home :** This is the Middleware Home directory where ICS is installed. The install includes one **AdminServer** (port 7001)

**/home/oracle/ICSOPInstall/ICSOP/data/user\_projects/domains/compact\_domain**

Compact domain location.