

VIENNA Advantage

Installation & Setup Guide on Oracle Cloud Infrastructure (OCI)

Introduction

What's in this Guide

The main scope of this document is to let the user understand the VIENNA Advantage setup process from pre-Build Custom Image on Oracle Cloud Infrastructure (OCI).

Preface

Learn how to setup and configure VIENNA Advantage, on Instance machine on OCI and perform post installation tasks.

Audience

This guide is intended for anyone interested in installing VIENNA Advantage. To use this document, you need the following:

- ✓ Familiar with OCI environment and have privileges to create instance machine and Security Groups.
- ✓ Knowledge of Managing RDBMS i.e., Oracle or PostgreSQL.





Community Registration

VIENNA Advantage Community Registration process.

VIENNA Advantage Application requires a Market Key for activation. The key is free for the community edition and can be generated using below steps

- Register to VIENNA Advantage community by using below link: <u>https://login.viennaadvantage.com/register.aspx</u>
- After successful registration Login into VIENNA Advantage community using below link: <u>https://login.viennaadvantage.com/login.aspx</u>
- ✓ After loging into the VIENNA Advantage Community Portal. You will find "Your Market Key" on the right pane. Please refer to the area highlighted in red on the screenshot.
- This Market key is required after installation in your environment at the time of registering the VIENNA Advantage application .
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OCI Account Login

Access your OCI account

To Access pre-configured VIENNA Advantage Application OCI image, you need to login into your OCI account.

✓ Login to OCI account using below link: <u>https://cloud.oracle.com/</u>

✓ If you don't have OCI account, please create it using below link: <u>https://signup.cloud.oracle.com/?sourceType=_ref_coc-asset-opcSignIn&language=en_US</u>



VIENNA Advantage OCI Image

How to choose latest VIENNA Advantage OCI Image available to create Instance.

VIENNA Advantage Supports two different RDBMS i.e. Oracle & PostgreSQL. VIENNA Advantage is providing two different OCI images for public use.

We regular updates these images to latest VIENNA Advantage releases. Please follow below steps to find latest OCI Image name available for Oracle database or PostgreSQL database.

How to get latest OCI Image name.

Open the below link and you will find Oracle Cloud Image Link name with respect to RDBMS.

https://www.viennaadvantage.com/installation-packages.php

Right Click on Get Link and click on Copy Link to copy URL

https://viennaadvantage.com/devel12/newsite/kanwal/va-website/installation-packages.php 1 2 vienna advantage Community SOURCE FILES RELEASE NOTES DOCUMENTATION RESOURCES * LOGIN Decide what you want to install Community Edition Hosting files with Hosting files with Installation VIENNA Advantage Oracle Database PostgreSQL Database Instructions **ERP and CRM** Version Version Follow the installation instructions to install the application.* 4.10.1.0 4.10.1.0 Latest version 4.10.1.0 📩 Download 📩 Download 🕹 Get Instructions Archived versions > 4.6.3.0 AWS Image Name AWS Image Name & AWS Images and Instructions 4.0.0.0 VACommunity_4.10_ORACL (
WACommunity_4.10_PSQL_A Oracle Cloud Images and 3500 E AWS Image WS Image 3.1.0.0 Instructions Copy link Copy link **v**ienna advantage

Installation Sequence

Please follow below Sequence to setup and configure VIENNA Advantage in your OCI environment using Oracle Image.

- 1) Create Virtual machine from VIENNA Advantage OCI Image.
- 2) Open port For VIENNA Advantage Application URL Access.
- 3) Access VIENNA Advantage Application.
- 4) Register VIENNA Advantage application.
- 5) Install/Update Application/Module.
- 6) Troubleshooting

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Create Virtual machine from VA OCI Image.

1. Login into your OCI account and go to Compute and click Instances menu

×	ORACLE Cloud	Search resources, services, and documentation	Germany Central (Frankfurt) 🗸 🖒 ?
	2 Search	尊 Compute	
	Home Compute Storage Networking Oracle Database Databases Databases Analytics & Al Developer Services Identity & Security Observability & Management Hybrid Migration	Compute Overview Instances Dedicated Virtual Machine Hosts Instance Configurations Instance Pools Cluster Networks Autoscaling Configurations Capacity Reservations Capacity Reservations Custom Images OS Management Scheduled Jobs Work Requests Managed Instance Groups Software Sources	Related Services Kubernetes Clusters (CKE) Container Registry Artfact Registry VMware Solution Functions Help Best Practices Documentation REST APIs Troubleshooting Getting Startied with OS Management
	migration	CVFe	

2. Click on Custom Images to import VA OCI custom image to your OCI account.

Compute		
Instances		
Dedicated Virtual Machine Hosts		
Instance Configurations		
Instance Pools		
Cluster Networks		
Autoscaling Configurations		
Capacity Reservations		
Custom Images		
List Scope		
Compartment		
Presales	\$	
viennaadvantage (root)/Presales		
Filtering		
State		

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Import OCI Image.

3. Click on Import Image and follow instructions mentioned below

CRACLE Cloud	Search for resources, services,	and documentation		Germany C	entral (Frankfurt) 🗸 😕	\$? €
Compute	Custom Ima	ges in Presales Cor	mpartment			
Instances	An image is a template or regions, and bring your of	of a virtual hard drive. It determines the <u>own image</u> to the cloud.	operating system and other software for an i	instance. You can <u>create custom images, ex</u>	port and import images across	s tenancies and
Dedicated Virtual Machine Hosts	Import Image					
Instance Configurations	Name	State	Original Image	Billable Size (GB) $\widehat{(i)}$	Created	•





Import OCI Image Settings.

4. Select the compartment name in which you want to create Virtual Instance.

- 5. Enter a Name for the image.
- 6. Select Operating System as Windows.
- 7. Select Operating System Version as <mark>Server 2019</mark> Standard
- 8. Check the OS compliance check box.
- 9. Select the Import from an Object Storage URL option.

10. Enter Image URL in Object Storage URL Get Latest Object Storage URL from below link or refer page #5

https://www.viennaadvantage.com/installationpackages.php

11. For the **Image Type**, select the file type of the image, Select **OCI**.

12. Click Import Image.



Create VM from OCI Image

W

Follow below steps to Create VM Instance from VIENNA Advantage OCI image

1. On the Custom Image section click on that <mark>imported</mark> image.	Compute » Custom Images » Custom Im	Search for resources, services, and documentation		
2. Click on Create Instance	CI	VA-Partner-Image-Import-Test Create Instance. Edit Details Edit Image Capabilities Export More Actions Custom Image Information Compatible Shapes Tags		
	AMLABLE	Custom Image Information OGD: _c4uge _2how _2ov Original Image: - Compartment: Vennasklantage (not/Pressles Size (MB); 20:144 Billiable Size (GB); 111 ()	Created: Wed, Aug 11, 2021, 1633.36 UTC	
		Image Capabilities Image capabilities Image capabilities Image capabilities Image capabilities Image local capabilities I	Remote Data Volume: PARA/IRTUAL/ZED Consistent Volume Naming: Disabled Multipath Device Support: Disabled In-Transit Encognotion: Encoded Paravirtualization Version: 2	
		Local Data Volume: PARA/IRTU4/JZED	vienna	
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Create Compute Instance (VM)

- 3. Enter a Name for the Instance.
- 4. In the Create in Compartment list, select the compartment that you want.
- 5. For the Placement, select the availability of the Instance, either AD 1 or AD 2 or other if available.
- 6. Image already selected automatically. (Please validate its correct image)
- 7. For the Shape, You can choose a suitable shape for this instance (We are using VM.standard.E2.1).

Janno	orm stack for creating an instance with Resource Manager.		
instance-20220331-1906			
Create in compartment			
Presales_Environment			\$
Placement The <u>availability domain</u> helps determine which shapes are available.			Collapse
Availability domain			
AD 1	AD 2	AD 3	
bfkV:EU-FRANKFURT-1-AD-1	bfkV:EU-FRANKFURT-1-AD-2	bfkV:EU-FRANKFURT-1-AD-3	
Image and shape	iory, and other resources allocated to an instance. The image is the operating	g system that runs on top of the shape.	Collapse
A shape is a template that determines the number of CPUs, amount of mem Image			
A <u>shace</u> is a template that determines the number of CPUs, amount of mem Image VACommunity_4.10_ORACLE_OCI_Image		Char	nge image

Define Networking Setting

8. In networking configuration, leave it as default or choose based on your security setup.9. Click on Create.

Networking		
Networking is how your instance connects to the internet and other resources in the Console. To m	ake sure you can connect to your instance, assign a public IP address to the instance.	
Primary network Select existing virtual cloud network O Create new virtual cloud network O Enter subnet OC	DID	
New virtual cloud network name	Create in compartment	
vcn-20210812-1142	Presales	
Subnet		
New subnet name	Create in compartment	
subnet-20210812-1142	Presales	
CIDR block		
10.0.0/24		
Public IP Address Assign a public IPv4 address Do not assign a public IPv4 address		
Public IP Address Assign a public IPv4 address C Do not assign a public IPv4 address Assigning a public IP address makes this instance accessible from the internet. If you're n	iot sure whether you need a public IP address, you can always assign one later.	
Public IP Address Assign a public IPv4 address C Do not assign a public IPv4 address Assigning a public IP address makes this instance accessible from the internet. If you're n Show advanced options	iot sure whether you need a public IP address, you can always assign one later.	
Public IP Address Assign a public IPv4 address Assigning a public IP address Do not assign a public IPv4 address Assigning a public IP address makes this instance accessible from the internet. If you're n Show advanced options	iot sure whether you need a public IP address, you can always assign one later.	
Public IP Address Assign a public IPv4 address Con not assign a public IPv4 address Assigning a public IP address makes this instance accessible from the internet. If you're n Show advanced options Cogin Credentials Auser name and initial password will be generated when you create the instance. They will b time.	iot sure whether you need a public IP address, you can always assign one later. e available on the details screen for the newly launched instance. You must reset the password when you sign in to the instance for th	
Public IP Address Assign a public IPv4 address Assigning a public IP address Assigning a public IP address makes this instance accessible from the internet. If you're n Show advanced options Login Credentials Auser name and initial password will be generated when you create the instance. They will b time.	iot sure whether you need a public IP address, you can always assign one later. e available on the details screen for the newly launched instance. You must reset the password when you sign in to the instance for the	
Public IP Address Assign a public IPv4 address Assign a public IPv4 address Assigning a public IP address makes this instance accessible from the internet. If you're n Standard advanced options Cogin Credentials A user name and initial password will be generated when you create the instance. They will b time. Boot volume	not sure whether you need a public IP address, you can always assign one later.	
Public IP Address Assign a public IP 4 address Con not assign a public IP 4 address Assigning a public IP address makes this instance accessible from the internet. If you're n Eschew advanced options Cogin Credentials A user name and initial password will be generated when you create the instance. They will b time. Boot volume Your boot volume is a detachable device that contains the image used to boot your compute instant	not sure whether you need a public IP address, you can always assign one later.	
Public IP Address Assign a public IP 4 address Con not assign a public IP 4 address Assigning a public IP address makes this instance accessible from the internet. If you're n Control Contro	iot sure whether you need a public IP address, you can always assign one later.	

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VM Instance Created

10. Under Instance list you will find Status to Initializing and then Running.

VACommunity 🔴 Running 130.61.81.230 10.0.0.253 VM.Standard.E2.1 1 8 AD-1 FD-1

RDP into EC2 instance

VIENNA Advantage OCI is built on Windows OS, So after Launching the VM instance from the image you can log in to your VIENNA Advantage VM instance via Remote Desktop Service (RDP) using the below credentials.

Server/Host: Your Elastic IP/Public IP is assigned.

Username: Administrator

Password: whhK&cun!vb8HjjH

Note: Please change the password after login.



Open Port for VA URL access.

VA ERP is configured to run on Port 8011. So, you need to allow this port on VCN to access VIENNA Advantage from browser over internet Open the Navigation menu and click Networking, Under Virtual Cloud Network Again Under VCN. Click Security List and now open Default security list.





Add Ingress Rules.

Click Add Ingress Rule for the link. Refer below snapshot and fill all options according to the snap

dd Ingress Rules				Cancel
Ingress Rule 1				
Allows TCP traffic 8011				
STATELESS (j)				
SOURCE TYPE	SOURCE CIDR		IP PROTOCOL	
CIDR \$	0.0.0/0		TCP	0
	Specified IP addresses: 0.0.0.0-255.255.255.255 (4,294)	,967,296 IP addresses)	·	
SOURCE PORT RANGE OPTIONAL		DESTINATION PORT RANGE OFTIONAL		
All		8011		
Examples: 80, 20-22		Examples: 80, 20-22		
DEBCRIPTION OPTIONAL				
VA Link				
Maximum 255 characters				
			+ Anothe	r Ingress Rule
Add Ingress Rules Cancel				

Click on Add ingress Rules.

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Access VIENNA Advantage

To access VIENNA Advantage Application please open Google Chrome Browser.

Type website url with port# in browser as below

http://your-instance-public-IP:8011

VIENNA Advantage Application Login Details

System Administrator's credentials

Super username: SuperUser

Super user password: System@123

Demo Environment credentials

Demo username: IdeasIncAdmin Demo user password: IdeasIncAdmin Demo company name: Ideas Inc





Register VIENNA Advantage

- After Successful login into the VIENNA Advantage application, You will be prompted to enter Key.
- 2) Enter the Market Key you have/copied from VIENNA Advantage Community Portal Dashboard, or get it by visiting <u>https://login.viennaadvantage.com/login.aspx</u>

Enter Key		√ lenna
Lincor ricey		advantage
Re new your key	[or]	Enter Professional Key

The VIENNA advantage application is now hosted successfully in the system.



About Market

VIENNA Advantage, Market is a single repository for application modules. You can update your currently installed modules to new versions available in Market or you can install modules which are not currently available in your application. Thus, you can access the Market to update or augment your current installation.

For accessing the Market, please log in to VIENNA Advantage. You are required to log in as **SuperUser** user as only the System Administrator has the right to install software from Market. Upon successful login to VIENNA Advantage, the home page is made visible to the user. A link to the Market is located on the Home page of a User in VIENNA Advantage. On the Home Page, there are certain Icons under Links, one of which is Market. The Market page is used to facilitate update and augmentation of VIENNA Advantage Software, by providing links to important and recent updates and add-ons to VIENNA Advantage Software.

Upon clicking on Market, you can see another screen which displays information on all the applications available in the Market. These applications are classified and displayed under different categories or tabs like All Apps, Top Paid, Top Free, Planned, My Apps and Private. The screen presents the information in a summary along with the details of each application as follows

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Install/Upgrade Application

As a System Administration User, you can install new applications from the Market or you may upgrade your existing applications from the Market. Before installing any module it will ask for community License Key or Professional License key. Once you have input the key it will automatically detect whether it is community key or professional key and provide modules accordingly, it will not ask for a key again.

Note: Please note that It's advisable that all users must be disconnected from VIENNA Advantage during installation or upgrade of applications or modules.



Market Modules List to update

- Market
- VIENNA Advantage Base Files
- VIENNA Advantage Framework
- VIENNA Advantage Upgrade 4
- Supporting Files
- Workspace
- VIENNA Advantage Dashboard
- Report Helper Files
- VIENNA Advantage Material
 Management

- VIENNA Advance Pricing
- UOM Pricing
- Tax Type
- Payment Management
- Bank Statement
- Product management
- Inventory Count
- VA Reports

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Key Points Before Installation

Please note that It is advisable that all existing users are disconnected from VIENNA Advantage while a new application is being installed.

To install applications from VIENNA Advantage Market, you must have administration rights

- Identify and locate the application to be installed
- Click on Install installation progresses and a log is displayed
- Check the log to indicate completion of the installation process
- ✓ Click Re-Login

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Identify & Locate Application

VIENNA Advantage Market gives you search option where you can type and search for an application or module you want to Install or update.

In below steps we are taking as example the Report Helper Files. Similarly, you can follow these steps for other applications too.

Type "Report" in search option – system returns the following screen



The system is showing "Update" button implying that currently the same application is installed on your server



Install/Update Application

On this screen, there are different tenants displayed and you need to select all the tenants for which the application is to be installed, by checking the corresponding checkbox. The application will be installed only for those tenants.

Market report	٩	Show Vendor Private
E All Apps 🌕 Top Paid	U Top Free Install Module x	
Report Helper Files	Update Report Helper Files	Rating: 1 ★★★★★ Version No: 1.0.28.0 ▼ Development Status:
talian Reports talian Reporti(HTML) ≴★★★★	Please make sure while Module Installation in progress, no other user is connected with the application.; Select Clint Select Language	
☆ BI Reports Tool ★★★★★	Update	
Base Reports Upgrade		

Once you click on the "Install" or "Update" Button, VIENNA Advantage automatically downloads and installs the application in a single process on your server.

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Review Logs

You will start seeing Installation Progress and Installation log will start displaying as per below screen.

tall Module	n en Elle e	×	Thanks for Downloading Report Helper Files
	per Files	√ lenna advantage	Log
Please make sure while Module in the application.; Select Client	Istallation in progress, no other user is a Select Language	onnected with	Source path of ETL File does not exists Language code not found Reset Cache end at 5 - 6:43 AM Total[0.0143179366666667 Mins] bin Directory found Fattat Found File itestishamp.dll newer or same version of file :itestisharp.dll exist Found File iRMSharp.dll newer or same version of file :itestisharp.dll exist Found File iRMSharp.dll newer or same version of file :itestisharp.dll exist Found File :VARCOM.dll newer or same version of file :VARCOM.dll exist Found File :VARCOMSve.dll
Downloading and extracting files Please wait			Module Version Updated =>1.0.28.0 clean up ********* All Done **********

You may log out and log in again as any user, using the Re-Login Button. If you face any problem during the installation, you can identify and resolve it with the help of the installation log. If you need any help from VIENNA Advantage, you can approach VIENNA Advantage Helpdesk through the Send Mail Button on the Log.

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Verify Installed Application

The application which was appearing with an INSTALL tag now appears with INSTALLED Tag, indicating that it has been installed



This completes the installation of a new application/module. You may Log Out and let other users log in again



Troubleshooting Issues.

In case VIENNA Advantage link is not working after oracle instance is created and running. Please refer troubleshooting sections below -

Note: Login into the oracle instance via Remote Desktop (RDP) using Public IP of VM.

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Issue 1: IIS or Website Is Down.

Open IIS Manager in window server.

Stop/Start Website



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Issue 2: DB Services Down

If you are using VIENNA Advantage with PostgreSQL, Please check DB service is up and Running .

Services (Local)	Services (Local)						
	postgresql-x64-12 - PostgreSQL	Name	Description	Status	Startup Type	Log On As	^
	Server 12	Rogram Compatibility Assistant Service	This service	Running	Manual	Local System	
	Chan the section	Problem Reports and Solutions Control Panel S	This service		Manual	Local System	
	Deliver the service	PrintWorkflow_2ebf8c0	Print Workfl		Manual	Local System	
	Restart the service	Rinter Extensions and Notifications	This service		Manual	Local System	
		Rrint Spooler	This service	Running	Automatic	Local System	
	Description	O Power	Manages p	Running	Automatic	Local System	
	Provides relational database storage.	postgresql-x64-12 - PostgreSQL Server 12	Provides rel	Running	Automatic	Network Service	
		Portable Device Enumerator Service	Enforces gr		Manual (Trig	Local System	
		🖏 Plug and Play	Enables a c	Running	Manual	Local System	
		A Phone Service	Manages th		Disabled	Local Service	
		Reformance Logs & Alerts	Performanc		Manual	Local Service	
		Reformance Counter DLL Host	Enables rem		Manual	Local Service	
		Rayments and NFC/SE Manager	Manages pa		Disabled	Local Service	
		Optimize drives	Helps the c		Manual	Local System	
		OpenSSH Authentication Agent	Agent to ho		Disabled	Local System	
		🖏 Offline Files	The Offline		Disabled	Local System	
		Network Store Interface Service	This service	Running	Automatic	Local Service	
		Network Setup Service	The Networ		Manual (Trig	Local System	
		Network Location Awareness	Collects an	Running	Automatic	Network Service	
		Network List Service	Identifies th	Running	Manual	Local Service	
		Network Connectivity Assistant	Provides Dir		Manual (Trig	Local System	
		Network Connections	Manages o		Manual	Local System	~

If you are using VIENNA Advantage with <mark>Oracle</mark>, Please check Oracle service is up and Running .

ervices (Local) Services (Local)					
OracleServiceXE	Name	Description	Status	Startup Type	Log On As
	Contract of the second	The Offline		Disabled	Local Syste
Stop the service	OpenSSH Authentication A	Agent to ho		Disabled	Local Syste
Pause the service	OpenSSH SSH Server	SSH protoc		Disabled	Local Syste
incolory the service	Optimize drives	Helps the c		Manual	Local Syste
	Oracle Cloud Agent	Oracle Clou	Running	Automatic	NT SERVIC
	Oracle Cloud Agent Run Co	Oracle Clou	Running	Manual	NT SERVIC
	Oracle Cloud Agent Updater	Oracle Clou	Running	Automatic	NT SERVIC
	Oracle Cloud Block Storage	Oracle Clou		Manual	NT SERVIC
	Oracle Cloud Operating Sys	Oracle Clou	Running	Manual	NT SERVIC
	Oracle Cloud Unified Monit	Oracle Clou	Running	Manual	NT SERVIC
	Oracle Unified Agent	Oracle Unifi	Running	Manual	Local Syste
	Oracle VirtIO Service	Oracle Virtl	Running	Automatic	Local Syste
	OracleJobSchedulerXE			Disabled	NT SERVIC
	OracleOraDB18Home1MTS		Running	Automatic	NT SERVIC
	OracleOraDB18Home1TNSL		Running	Automatic	NT SERVIC
	OracleServiceXE		Running	Automatic	NT SERVIC
	CracleVssWriterXE			Automatic	NT SERVIC
	Payments and NFC/SE Man	Manages pa		Disabled	Local Service
	Performance Counter DLL	Enables rem		Manual	Local Service
	Performance Logs & Alerts	Performanc		Manual	Local Service
	A Phone Service	Manages th		Disabled	Local Service
	Riug and Play	Enables a c	Running	Manual	Local Syste
	Portable Device Enumerator	Enforces gr		Manual (Trig	Local Syste
	Power	Manages p	Running	Automatic	Local Syste
	Print Spooler	This service	Running	Automatic	Local Syste
	A Printer Extensions and Notif	This service	-	Manual	Local Syste





