

VIENNA Advantage

Installation & Setup Guide on Amazon Web Service (AWS)

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-installed AMI Image on Amazon Web service (AWS).

Preface

Learn how to setup and configure VIENNA Advantage, on EC2 machine on AWS 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 AWS environment and have privileges to create EC2 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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AWS Account Login

Access your AWS account

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

 Login to AWS account using below link: https://signin.aws.amazon.com/

 If you don't have AWS account, please create it using below link: https://portal.aws.amazon.com/billing/signup#/start/email

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VIENNA Advantage aws AMI

How to choose latest VIENNA Advantage AMIs available to create EC2 machine.

VIENNA Advantage Supports two different RDBMS i.e. Oracle & PostgreSQL. VIENNA Advantage is providing two different aws EC2 images for public use.

We regular updates these AMIs (images) to latest VIENNA Advantage releases. Please follow below steps to find latest AMI name available for Oracle database or PostgreSQL database.

How to get latest AMI name?

Open below link and you will find different AMIs name with respect to RDBMS.

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

RDBMS	AMI Name Example
Oracle	VACommunity_4.10_ORACLE_AWS_Image
PostgreSQL	VACommunity_4.10_PSQL_AWS_Image



Installation Sequence

Please follow below Sequence to setup and configure VIENNA Advantage in your AWS environment using AMI.

- 1) Create EC2 machine from VIENNA Advantage AMI
- 2) Access VIENNA Advantage Application.
- 3) Register VIENNA Advantage application.
- 4) Install/Update Application/Module.
- 5) Troubleshooting



Create EC2 machine from VIENNA Advantage AWS AMI

1. Login into your AWS account and go to <mark>EC2</mark> Service

aws Services 🔺	Q Search for services, features, marketplace produ	cts, and docs [Option+S]	۵ ¢	Support 🔻
🛨 Favorites	All services			×
👸 Resource Groups & Tag Editor	Compute ☆ EC2	X Developer Tools CodeStar	Machine Learning Amazon SageMaker	AWS Cost Management AWS Cost Explorer
Recently visited EC2 EC2 image Builder IAM S3 Concile Home	Lightsail [2] Lambda Batch Elastic Beanstalk Servertess Application Repository AWS Outposts	CodeCommit CodeArtifact CodeBuild CodeDeploy CodePipeline Cloud9 Cloud9	Amazon Augmented Al Amazon CodeGuru Amazon DevOps Guru Amazon Comprehend Amazon Forecast Amazon Fraud Detector Amazon Kendra	AWS Budgets AWS Marketplace Subscriptions Cost Profiler AWS Application Cost Profiler E Front-end Web & Mobile AWS Amplify
	EC2 Image Builder AWS App Runner Containers	X-Ray AWS FIS © Customer Enablement	Amazon Lex Amazon Personalize Amazon Polly Amazon Rekognition	Mobile Hub AWS AppSync Device Farm Amazon Location Service
	Elastic Container Service Elastic Container Service Elastic Kubernetes Service Red Hat OpenShift Service on AWS	AWS IQ L2 Support Managed Services Activate for Startups	Amazon Textract Amazon Transcribe Amazon Translate AWS DeepComposer AWS DeepLens	승 AR & VR Amazon Sumerian 덄 Application Integration
	🔒 Storage 53		AWS DeepRacer AWS Panorama	Step Functions Amazon AppFlow Amazon EventBridge
	EFS FSx S3 Glacier Storage Gateway	Blockchain Amazon Managed Blockchain G Satellite	Amazon Monitron Amazon HealthLake Amazon Lookout for Vision Amazon Lookout for Equipment	Amazon MQ Simple Notification Service Simple Queue Service SWF
	AWS Backup	Ground Station	Amazon Lookout for Metrics	Managed Apache Airflow

2. Select Frankfurt As Region and Click on AMI

aws Services ▼	$\ensuremath{\mathbf{Q}}$. Search for services, features, marketplace products, and docs	[Option+S]	Frankfurt 🔻 Support 🔻
New EC2 Experience	Instances Info	C Connect Instance state ▼ Acti	ons 🔻 Launch instances 🔻
EC2 Dashboard	Q. Filter instances		< 1 > ©
EC2 Global View	search: * X Clear filters		I.
Events	Name V Instance ID Instance state	v Instance type v Status check Alam	m status Availability Zone 🔻 Pub
Tags		No matching instances found	
Limits		-	
▼ Instances			
Instances New			
Instance Types			
Launch Templates			
Spot Requests			
Savings Plans	Select an instance above	-	×
Reserved Instances New			
Dedicated Hosts			
Capacity Reservations	7		
▼ Images			
AMIs 🗲			
Elastic Block Store	-		
Volumes New			
Snapshots			
Lifecycle Manager New			
▼ Network & Security			
Feedback English (US) 🔻	@ 200	8 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Priv	racy Policy Terms of Use Cookie preferences

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Select VIENNA Advantage AWS AMI

3. Select Public Image from Drop Down and In Search Select Name and Enter VIENNA Advantage AMI Name.

Note: Please find latest AMI name from like (https://www.viennaadvantage.com/installation-packages.php) or Refer. Page# 5 of this document.

Services V	Q Search fo	or services, features, marke	etplace products, and	docs [Option	1+S]	∑ ¢		Frankfurt V Su	ipport 🔻	aws Services 🔻	٩	Search for	r services, fe	atures, marketplace products, ar	d docs [Option	n+S]	D 4	F	ankfurt ▼ S	Support 🔻
New EC2 Experience X	Launch EC2 Imag	e Builder Actions *						∆ ≎	¢ 0	New EC2 Experience X	Launch	EC2 Image	e Builder	Actions ~					Δc) † 0
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V Instances		AMI Name	08fc74	cloudtest-image	851601128636	Public	available	July 26, 2016 at 11:57:34 P	Other Lin	T Instances										
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historices we		Description	cdfd49	cloudtest-image	851601128636	Public	available	January 8, 2015 at 12:12:42	Other Lin	Instances New	1.1									
Instance Types		Image Type	1938001	cloudtest-image	851601128636	Public	available	November 10, 2015 at 5:05:	Other Lin	Instance Types										
Launch Templates		Owner	lcfdc1c	cloudtest-image	851601128636	Public	available	November 7, 2015 at 5:46:3	Other Lin	Launch Templates										
Spot Requests		Permissions	lcdfda5	cloudtest-image	851601128636	Public	available	January 8, 2015 at 1:19:24 A	Other Lin	Spot Requests										
Savings Plans		Platform	17182d2	cloudtest-image	851601128636	Public	available	September 22, 2016 at 6:23:	Other Lin	Savings Plans										
Reserved Instances New		Product Code	12212od	cloudtest-image	851601128636	Public	available	December 24, 2014 at 2:17:	Other Lin	Reserved Instances New										
Dedicated Hosts		Root Device Name	221217	cloudtest-image	851601128636	Public	available	December 24, 2014 at 2:36:	Other Lin	Dedicated Hosts										
Capacity Reservations		A Root Device Type	480edfe90f5aedf	923121979146/	923121979146	Public	available	August 11, 2021 at 4:38:34	Other Lin	Capacity Reservations										
▼ Images		~ Size	0-12-022-25-25-7	awa madahahaa	070E00000044	Dublia	avallable	30/11/01 to 1000 10 to to to to	OtherLin	▼ Images										
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Volumes New										Volumes New			Owner 12	26942597530			Source	126942597530/img_VACommunity_A	ws	
Snapshots										Snapshots			Status av	vailable			State Reason	-		
Lifecycle Manager New										Lifecycle Manager New		Creati	ion date O	ctober 26, 2021 at 6:17:06 PM UT	C+5:30	P	latform details	Windows		
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wetwork a security ■										 NetWork & Security 			-							
Feedback English (US) 🔻				© 2008 - 2021, Amazi	on Web Services, Inc. or	its affiliates. All right	s reserved. Priva	cy Policy Terms of Use Cookie	preferences	Feedback English (US) 🔻					© 2008 - 2021, Amaa	zon Web Services, Inc. or	ts affiliates. All right	s reserved. Privacy Policy Terms	of Use Cooki	lie preferences

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Copy VIENNA Advantage AMI To Your AWS Account

4. Copy AMI to your AWS Account before spinning EC2 machine.



5. Choose region where you want to host EC2 from AMI and click Copy AMI.



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Create EC2 Instance from copied AMI

6. Verify that AMI is copied and Ready and Status is Available. Select AMI and Click Launch to Create EC2 machine and host Vienna Advantage.

New EC2 Experience X	Launch EC2 Image Builder Actions *	∆ ⊕ ♦ Ø
EC2 Dashboard	Owned by me v Q. Filter by tags and attributes or search by keyword	1 to 1 of 1 \rightarrow \rightarrow
EC2 Global View	Name AMI Name AMI ID Source Owner Visibility Status Creation Date	- Platform
Events	img_VAComm ami-08c473db8722832c1 126942597530i 126942597530 Private available October 27, 2021 a	at 5:34:57 Windows
lags		
Limits		
▼ Instances		
Instances New		
Instance Types	Click Launch to Create	
Launch Templates	EC2 VM	
Spot Requests		
Savings Plans		
Reserved Instances New		
Dedicated Hosts		
Capacity Reservations		
▼ Images	Image: ami-08c473db8722832c1	
AMIs		
Elastic Block Store	Details Permissions Tags	
Volumes New		Edit
Snanshots	AMI ID ami-08c473db8722832c1 AMI Name img_VACommunity_AWS	
Liferula Managar u	Owner 126942597530 Source 126942597530/img_VACommunity_AWS	
Litecycle Manager New	Status available State Reason -	
	Creation data - Ortholar 97 9791 at 5-34-57 DM I ITC-15-30	

7. Select EC2 Instance Type and Press "Next: Configure Instance Details" . Recommended Type is T2.large or more.

tep 2: C nazon EC2 pr pacity, and gi	wides a wide selection of in ve you the flexibility to choo	ce Type Istance types optimi se the appropriate n	zed to fit different use on nix of resources for you	ases. Instances are virtu r applications. Learn mo	al servers that can run application re about instance types and how	s. They have varying combinatio they can meet your computing n	ns of CPU, memory, storage, an eeds.	d networking
ter by: All	instance families 💌	Current generation	on Y Show/Hide C	Columns				
Currently sel	ected: t2.large (- ECUs, 2 v0	CPUs, 2.3 GHz, -, 8 (GiB memory, EBS only)					
	Family ~	Туре –	vCPUs (i)	Memory (GiB) ~	Instance Storage (GB) () 🔹	EBS-Optimized Available	Network Performance (i) *	IPv6 Support ()
	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
	12	t2.micro Free tier eligible	1	1	EBS only		Low to Moderate	Yes
	t2	t2.small	1	2	EBS only		Low to Moderate	Yes
	t2	t2.medium	2	4	EBS only		Low to Moderate	Yes
	12	t2.large	2	8	EBS only		Low to Moderate	Yes
	12	t2.xlarge	4	16	EBS only		Moderate	Yes
	t2	t2.2xlarge	8	32	EBS only		Moderate	Yes
	t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
	t3	t3.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
	13	t3.small	2	2	EBS only	Vas	Up to 5 Gigabit	Vee

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EC2 Instance Configuration (Network & Storage)

8. In Below Screen Configure Instance Details and change network/subnet etc setting as per your setup or choose default and proceed with "Next: Add Storage"

Step 3: Configure Instance Details

2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

more.				
Number of instances	(j)	1 Launch into Auto Sca	ling (Group (j)
Purchasing option	()	Request Spot instances		
Network	()	vpc-039b6a273753f5e1f (default)	С	Create new VPC
Subnet	()	No preference (default subnet in any Availability Zons		Create new subnet
Auto-assign Public IP	()	Use subnet setting (Enable)		
Placement group	()	Add instance to placement group		
Capacity Reservation	(j)	Open 🔷		
Domain join directory	()	No directory	С	Create new directory
IAM role	(j)	None	С	Create new IAM role
Shutdown behavior	(i)	Stop 🗳		
Stop - Hibernate behavior	(j)	Enable hibernation as an additional stop behavior		
Enable termination protection	()	Protect against accidental termination		
Monitoring	(j)	Enable CloudWatch detailed monitoring Additional charges apply.		
	~	(n		
				Cancel Previous Review and Launch Next: Add Storage
Feedback English (US) 🔻				© 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences

9. In Below screen you can Add more storage or change volume type based on your requirement. Otherwise leave it default and press Next: Add Tag

Volume Type (i)	Device (i)	Snapshot (i)	Size (GiB) ()	Volume Type (i)		iops (j	Throughput MB/s) (i)	Delete on Termination	Encryption (i)
Root	/dev/sda1	snap-0377c6df202a1cf0e	60	General Purpose SSD	(gp2) V	180 / 3000	√/A		Not Encrypte 💌
usage restrictions.					eeege to ergenny				
						Can	Previous	Review and La	Next: Add Tags
Feedback English (US) 🔻			© 2008 - 2021, Amai	ton Web Services, Inc. or	r its affiliates. All r	ghts reserved. Pri	vacy Policy Terms	of Use Cookie preferences

EC2 Instance Configuration (Tags & Security Group)

10. Add Tag (Name) to EC2 Machine Press Next. Configure Security Group 11. In Security group configuration. You need to Allow Port 3389 & 8011 from anywhere to Access Vienna Advantage App from browser. Click Review and Launch

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			1. Choose Anni 2. Choose Instance type 0. Configure Instan	ce 4. Add Storage 5. Add Tags 6. Configure Security Group	ρ 7. Review			
Name	wate (26 characters maximum) wate (20 characters maximum) (b) to 50 lags maximum) (b) t	Key Use (25 characters maximum) Instance Volumes Instance <	Step 5: Add Tags A tag consists of a case-sensitive key-value pair. For example A copy of a tag can be applied to volumes, instances or both Tags will be applied to all instances and volumes. Learn more	I, you could define a tag with key = Name and value = Webserver - a bout tagging your Amazon EC2 resources.	r.			
Name EC2 Venna Advantage Image Image Image Protocol Port Range Source Description Add another tag (Up to 50 tags maximum) Image Image <th>Name CC2 Vienna Advantage I<th>Name EC2 Venna Advantage Image Image Output Outp</th><th>Key (128 characters maximum)</th><th>Value (256 characters maximum)</th><th>Instances (i)</th><th>Volumes (i) In</th><th>letwork nterfaces (j)</th><th></th></th>	Name CC2 Vienna Advantage I <th>Name EC2 Venna Advantage Image Image Output Outp</th> <th>Key (128 characters maximum)</th> <th>Value (256 characters maximum)</th> <th>Instances (i)</th> <th>Volumes (i) In</th> <th>letwork nterfaces (j)</th> <th></th>	Name EC2 Venna Advantage Image Image Output Outp	Key (128 characters maximum)	Value (256 characters maximum)	Instances (i)	Volumes (i) In	letwork nterfaces (j)	
Add another tog (Up to 50 tags maximum) RAd another tog (Up to 50 tags maximum) RAD another tog TCP 3389 Anywherer • 0.0.0.00, ::0 eg. SSH for A Costom TCP Fv TCP 8011 Anywhere • 0.0.0.00, ::0 eg. SSH for A Add Rale Add Rale </th <th>Kdd another tag (Up to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v IRDP v TOP 100 to 50 tags maximum) IRDP v IRDP v</th> <th>Add another tag (Up to 50 tags maximum) RDP v TCP 3389 Coast m CPFv Coast m CPFv TCP B011 Anywhere v 0.0.0.0.00 Gast m CPFv TCP B011 Anywhere v 0.0.0.0.00 Gast m CPFv TCP B011 Anywhere v 0.0.0.0.00 Gast m CPFv TCP B011 Anywhere v 0.0.0.0.00 Coast m CPFv TCP B011 Anywhere v 0.0.0.0.00 B11 Anywhere v 0.0.0.0.00 B12 Warning Rules with source of 0.0.0.0.0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.</th> <th>Name</th> <th>EC2 Vienna Advantage</th> <th></th> <th></th> <th>2 8</th> <th></th>	Kdd another tag (Up to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v TOP 100 to 50 tags maximum) IRDP v IRDP v TOP 100 to 50 tags maximum) IRDP v	Add another tag (Up to 50 tags maximum) RDP v TCP 3389 Coast m CPFv Coast m CPFv TCP B011 Anywhere v 0.0.0.0.00 Gast m CPFv TCP B011 Anywhere v 0.0.0.0.00 Gast m CPFv TCP B011 Anywhere v 0.0.0.0.00 Gast m CPFv TCP B011 Anywhere v 0.0.0.0.00 Coast m CPFv TCP B011 Anywhere v 0.0.0.0.00 B11 Anywhere v 0.0.0.0.00 B12 Warning Rules with source of 0.0.0.0.0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.	Name	EC2 Vienna Advantage			2 8	
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Add Rule Add Rule Warning Rules with source of 0.0.0.00 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.	Add Rule Warning Rules with source of 0.0.0.00 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.	Add Rule Add Rule Warning Rules with source of 0.0.0.00 allow at IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.						
Cancel Previous Review and Launch Next: Configure Security Group Cancel Previo	Cancel Previous Review and Launch Next: Configure Security Group Cancel Previ	Cancel Previous Review and Launch Next: Configure Security Group Cancel Previ			Cancel Previ	ous Review and Lau	Next: Configu	e Security Group

Note: VA AMI comes with pre-configured IIS which runs VA Application application on 8011 port.

EC2 Instance Configuration (Launch Instance)

12. Ignore Warnings and Click Launch

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 7: Review Instance Launch

Your instance You can also	our instances s may be access open additional	sible from any logorts in your se	four security group P address. We recomm ecurity group to facilitate	, launch-wizard-1, is open to end that you update your security gu a access to the application or service	b the world. oup rules to allow access from known IP a you're running, e.g., HTTP (80) for web s	addresses only. servers. Edit security groups	
Your instar To launch an i	ICE CONFIGURA Instance that's e	ition is not e ligible for the fi	eligible for the free ree usage tier, check yo	usage tier ur AMI selection, instance type, cont	iguration options, or storage devices. Lea	am more about free usage tier eligibility and	d usage restrictions.
							Don't show me this again
MI Details						Edit AMI	
Root Devior If you plan to use this	Type: ebs Virtua AMI for an applic	lization type: hvm ation that benef	its from Microsoft License	Mobility, fill out the License Mobility F	orm. Don't show me this again	Edit instance type	
nstance Type							
Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	
Instance Type Instance Type t2.micro	ECUs -	vCPUs	Memory (GiB)	Instance Storage (GB) EBS only	EBS-Optimized Available	Network Performance Low to Moderate	
Instance Type Instance Type t2.micro iecurity Groups	ECUs -	vCPUs 1	Memory (GiB) 1	Instance Storage (GB) EBS only	EBS-Optimized Available	Network Performance Low to Moderate Edit security groups	

13. Generate and Download Key-Pair and click on Launch Instance

° S	Select an existing key pair or create a new key pair ×	security group
A th tr so	key pair consists of a public key that AWS stores, and a private key file that you store. Together, ney allow you to connect to your instance securely. For Windows AMIs, the private key file is required o obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to ecurely SSH into your instance. Amazon EC2 supports ED25519 and RSA key pair types.	it free usage t
N a	lote: The selected key pair will be added to the set of keys authorized for this instance. Learn more bout removing existing key pairs from a public AMI. Create a new key pair Key pair type	
ts	RSA OED25519 Key pair name	
	VA_AWS_KEY Download Key Pair	Edit i
	You have to download the private key file (*.pem file) before you can continue. Store it in a secure and accessible location. You will not be able to download the file again after it's created.	o rk Performa o Moderate
_	Cancel Launch Instances	Edit se

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EC2 Instance Creation

14. EC2 Instance is under creation now. Please monitor status check marked in below

15. EC2 Instance is up and running now. You can see assigned Public IP to use same to access VA Application.

New EC2 Experience	Instances (1) Info	C Connect Instance state 🔻	Actions Launch instances	New EC2 Experience	Instances (1/1) Info	C Connect Insta	nce state V Actions V Launch instances V
EC2 Dathboard	Q Filter instances		< 1 > @	EC2 Dashboard	Q Filter instances		< 1 > @
EC2 Global View	Instance state: running X Clear filters			EC2 Global View	Instance state: running X Clear filters		
Events	Name V Instance ID	Instance state ∇ Instance type ∇ Status check	Alarm status Availability Zone ⊽ P	ut Events	✓ Name ♥ Instance ID	Instance state v Instance type v Sta	itus check Alarm status Availability Zone ⊽ Pub
Tags	EC2 Vienna Ad i-0af3dc0183d0b20dd	⊘ Running @Q t2.micro ④ Initializing	No alarms + us-east-2b e	2 Tags	EC2 Vienna Ad i-0af3dc0183d0b20dd	⊘ Running ⊕ Q t2.micro ⊘	2/2 checks passed No alarms + us-east-2b ec2-
Limits				Limits			
▼ Instances				▼ Instances			
Instances New				Instances New			
Instance Types				Instance Types			
Launch Templates				Launch Templates			
Spot Requests				Spot Requests			
Savings Plans	Select an instance above	=	×	Savings Plans	Instance: i-0af3dc0183d0b20dd (EC2 Vienna	= Advantage)	×
Reserved Instances New				Reserved Instances New			
Dedicated Hosts				Dedicated Hosts	Details Security Networking Storage	Status checks Monitoring Tags	
Capacity Reservations				Capacity Reservations			
▼ Images				▼ Images	▼ Instance summary Info		
AMIs				AMIs	Instance ID	Public IPv4 address	Private IPv4 addresses
T Elastic Black Store				Elastic Block Store	i-0af3dc0183d0b20dd (EC2 Vienna Advantage)	🗇 3.17.149.122 open address 🗹	172.31.23.75
Volumes New				Volumes New	IPv6 address	Instance state	Public IPv4 DNS
Spanshots				Snanshots	-	⊘ Running	🗇 ec2-3-17-149-122.us-east-
Lifecycle Manager New				Lifecycle Manager New			2.compute.amazonaws.com open address 🖸
				incepte nonager new	Private IPv4 DNS	Instance type	Elastic IP addresses
Network & Security				Network & Security	E manage is in it	t2 micro	
Feedback English (US) 🔻			Privacy Policy Terms of Use Cookie preference	Feedback English (US) 🔻			tes. All rights reserved. Privacy Policy Terms of Use Cookie preferences

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Assign Elastic IP to EC2 Instance

AWS EC2 doesn't have static public IP address and it keeps on changing after every reboot. To use Static IP to an EC2 instance please assign an Elastic IP.

An Elastic IP address is a static IPv4 address designed for dynamic cloud computing. An Elastic IP address is allocated to your AWS account, and is yours until you release it.

Ref below link on how to create and assign Elastic IP to AWS instance. <u>https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html</u>

RDP into EC2 instance

VIENNA Advantage AMI is build on Windows OS, So after Launching EC2 instance from AMI you can login to your VIENNA Advantage EC2 instance via Remote Desktop Service (RDP) using below credentials.

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

Username: Administrator

Password: whhK&cun!vb8HjjH

Note: Please change password after login.

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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-public-EC2-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

- 1) After Successful login into 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>



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	۵	Show Vendor Private
E All Apps 🔇 Top Paid	V Top Free Install Module X	
Report Helper Files	Update Report Helper Files	Rating: 1 * * * * * * Version No: 1.0.28.0 * Development Status:
【talian Reports Italian Reports Italian Reports(HTML) ★式式文式	Please make sure while Module Installation in progress, no other user is connected with the application.; Select Client 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.



Review Logs

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

tall Module		*	Thanks for Downloading Report Helper Files
	per Files	vienna advantage	Log
Please make sure while Module in the application.; Select Client	stallation in progress, no other user is a Select Language	connected with	Source path of ETL Files does not exists Language code not found Reset Cache end at => 6:43 AM Total[0.0143179366666667 Mins] bin Directory found Start Found File :itextsharp.dll newer or same version of file :itextsharp.dll exist Found File :PdfSharp.dll newer or same version of file :PdfSharp.dll exist Found File :VARCOM.dll newer or same version of file :VARCOM.dll exist Found File :VARCOM.sc.dll updating File :VARCOM.sc.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 EC2 instance is created and running. Please refer troubleshooting sections below -

Note: Login into the EC2 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	Rrogram Compatibility Assistant Service	This service	Running	Manual	Local System		
	Chan the end int	Problem Reports and Solutions Control Panel S	This service		Manual	Local System		
	Pause the service	PrintWorkflow_2ebf8c0	Print Workfl		Manual	Local System		
	Restart the service	Rinter Extensions and Notifications	This service		Manual	Local System		
		A Print 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		
	3	Rortable 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		
		Contraction Files	The Offline		Disabled	Local System		
		Network Store Interface Service	This service	Running	Automatic	Local Service		
		A 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		
		A 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 .

Action view						
🔿 🔟 🛄 🖾 🖸	🗟 🛛 🖬 🕨 🖛 🖬 🕩					
🔆 Services (Local)	Services (Local)					
	OracleServiceXE	Name	Description	Status	Startup Type	Log On As
		Contraction of the second seco	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
	include 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
				Running	Automatic	NT SERVIC
		OracleVssWriterXE			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
		Plug and Play	Enables a c	Running	Manual	Local Syste
		A Portable Device Enumerator	Enforces gr	-	Manual (Trig	Local Syste
		A Power	Manages p	Running	Automatic	Local Syste
		A Print Spooler	This service	Running	Automatic	Local Syste
		C Printer Extensions and Notif	This service		Manual	Local Syste





