Oracle Database 19c Enterprise

Version:	1.0.0
Created by:	cloudimg

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1.) Overview

This document is provided as a user guide for the Oracle Database 19c Enterprise product offering on the AWS Marketplace. Please reach out to support@cloudimg.co.uk if any issues are encountered following this user guide for the chosen product offering.

2.) Access & Security



Registered Technology Partner Please update the security group of the target instance to allow the below ports and protocols for access and connectivity.

Protocol	Туре	Port	Description
RDP	ТСР	3389	Remote Desktop Access
ТСР	TCP	1521	Oracle Database Listener Port

3.) System Requirements

The minimum system requirements for the chosen product offering can be found below

Minimum CPU	Minimum RAM	Required Disk Space
1	1 GB	30GB

4.) Connecting to the Instance

Once launched in the Amazon EC2 Service, please connect to the instance via an RDP client using the **Administrator** user. Please allow the EC2 Instance to pass 2/2 status checks before connecting via RDP to allow the system enough time to complete the boot process.

To obtain the randomly generate password on boot for the Administrator user, please follow the below steps in the AWS Console.

Log into the Target AWS Account > Select the region of which was chosen to host the newly launched cloudimg AMI



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aws Services Q Search for services, features, blogs, docs, and	nd more [Option+S]	ב ֶ ֶ (N. Virginia ▼ cloudimg ▼
Console Home Info		Reset to default layout + Add widgets
Recently visited Info	:	Welcome to AWS
Image: Constraint of the second se	VPC CloudShell AWS Application Migration Service Service Catalog CloudTrail	Getting started with AWS [2] Learn the fundamentals and find valuable information to get the most out of AWS.
Elastic Kubernetes Service AWS Budgets	EC2 Image Builder	What's new with AWS? 2 Discover new AWS services, features, and Regions.
# AWS Health Info :	E Cost and usage Info	:
Open issues O Past 7 days	Current month costs \$55.04	Top costs for current month Image: Ec2 - Other \$40.90
Scheduled changes O Upcoming and past 7 days Indian for Incompany clocking Clock	Forecasted month end costs \$103.38 Up 5% over last month	Image: Service \$9.17 Image: Service \$3.20

Select EC2



Select Instances (running)



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aws Services Q Search	h for services, features, blogs, docs, and more	[Option+S]		∑ 🗘 ⊘ N. Virginia ▼ cloudimg ▼
New EC2 Experience X	Instances (1/1) Info	Connec	ct Instance state 🔻	Actions Launch instances
EC2 Dashboard EC2 Global View	Q. Find instance by attribute or tag (case-sensitive) Instance state = running X Clear filters			View details Manage instance state
Events Tags	Name cloudimg-windows-server	✓ Instance i i-0ea3766	D Instance 5b9c1bc59ec ⊘Runni	Status check
▼ Instances		_	Change security groups Get Windows password	Security Image and templates
Instances New	Instance: i-0ea3766b9c1bc59ec (cloudimg-v	vindows-server)	Modify IAM role	Monitor and troubleshoot
Launch Templates Spot Requests	Details Security Networking Storage Instance summary Info	Status checks Monitor	ing Tags	
Savings Plans Reserved Instances New	Instance ID i-0ea3766b9c1bc59ec (cloudimg-windows-server)	Public IPv4 address D 54.89.238.46 open address	Private	IPv4 addresses 2.31.88.88
Scheduled Instances	IPv6 address -	Instance state Running	Public D ec: open a	IPv4 DNS 2-54-89-238-46.compute-1.amazonaws.com ddress 🔀
▼ Images	Hostname type IP name: ip-172-31-88-88.ec2.internal	Private IP DNS name (IPv4 only) D ip-172-31-88-88.ec2.internal		
AMI Catalog	Answer private resource DNS name –	Instance type t3.medium	Elastic -	IP addresses
Elastic Block Store Volumes	Auto-assigned IP address D 54.89.238.46 [Public IP]	VPC ID D vpc-07e0f3e58d8ba1a40	AWS Co (i) Opt tions.	ompute Optimizer finding -in to AWS Compute Optimizer for recommenda
Snapshots	tion? Find it in the new Unified Settings [2]		© 2022 Amazon Web Service	more 🔁

Search for the newly launched EC2 Instance Select the Radio button above for the instance Click Actions > Security > Get Windows password

Services Q Search for services, features, blogs, docs, and more [Option	n+S]	D & Ø	N. Virginia 🔻	cloudimg 🔻
EC2 > Instances > i-Oea3766b9c1bc59ec > Get Windows password				
Get Windows password Info Retrieve and decrypt the initial Windows administrator password for this instance.				
To decrypt the password, you will need your key pair for this instance.				
Example 7 Example 7 Example 7 Example 7 Example 7 Constant 6 Constant 				
Browse to your key pair:				
Octouding.pem				
Or copy and paste the contents of the key pair below:				
BEGIN RSA PRIVATE KEY MIEpAIBAAKCAQEAtijeMIROzxozVyjrZAv8CMadpuT2sCgq85zpqk5GMBsIPAE ZuTw115mbnuxH5IS3Hy9GGM6X5x9gT1xg0M+dmtsP9nWaUH68qthmc069EfWkzbb KOen3PA+Tx+dl6KUYErnAwid0WkdW0SOQx74CWjZgwFp5PVqBBr/1utTj5BAbr SS3JywgppXiP7dqfpc5UMQ9kho/RadPy5KHgJPLR0/tWM5wJIIPeolIvW0k UV050F007070F070F070007000000000000000000				
/jdD7wpa9aGsjV3TS3o4qX/QM3ycT4h8ldb62QlDAQABAolBAGOiclruKjlv4WHC d5SdNDj/WKblpICD5tRF4kKMYLXR8M2Jrz57i3ol/OKIK27xtfJtGg/NoctJZNwB	<i>i</i> e			
Cano	el Decrypt password			

 reedback
 Looking for language selection? Find it in the new Unified Settings [2]
 © 2022, Amazon Web Services, inc. or its affiliates
 Privacy
 Terms
 Cookle preferences

 Click Browse and upload the key pair selected during the launch of the EC2 instance from the AWS Marketplace.
 Output
 Description

Click Decrypt password



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The Administrator password will now appear in plain text like the above example. Take a copy of this value and open a Remote Desktop Client Application.

•		Microsoft Remote Desktop
	Add PC	
	PC name:	54,89,238,46
	Liese essentiet	Ack when required
	Oser account:	Ask when required
	General	Display Devices & Audio Folders
	Friendly name:	
	Group:	Saved PCs 📀
	Gateway:	No gateway
		Deconnect if the connection is drapped
		Connect to an admin session
		Swap mouse buttons
		Cancel

Create a new connection and enter the IP address of the newly launched EC2 Instance. For this example, the public IP address will be used as the server has been launched in a public subnet. Use the private IP address where applicable for your environment if you have a private connection into the AWS VPC of which hosts the EC2 Instance. These Private connections often take the form of a VPN connection.



Registered Technology Partner Click Add

Once added, double click the connection profile created in the above step, you will be prompted for a username & password. Enter the below values.

Enter Your User Account					
This user account will be used to connect to 54.89.238.46 (remote PC).					
Username:	Administrator				
Password:	••••••				
	Show password				
	Cancel Continue				

Username: Administrator Password: DECRYPTED VALUE RETRIEVED FROM THE ABOVE STEPS

Click Continue



Click Continue if a pop up like the above appears.



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You have now successfully connected to the Windows Server hosted in AWS.

5.) Filesystem Configuration

Please see below for a screenshot of the server disk configuration and specific mount point mappings for software locations.



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Þ 🛤 This PC	Videos					
): 🗣 Network	Devices and drives (1) Leal Disk (C) 6.36 dB free of 23.6 dB					
						-
7 items	- Ra					2-10 PM
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6.) Server Components

Please see below for a list of installed server components.

Component	Version
Oracle Database 19c	19.3.0.0
Enterprise	

7.) Using System Components

Instructions can be found below for using each component of the server build mentioned in section 7 of this user guide document.

Oracle Database

The Oracle Database service and example Database instance (ORCL) have been configured to start on boot. Available on the Desktop of the Administrator user are the Oracle utilities most commonly used to Administer an Oracle Database running on Windows.



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The most common of these utilities being sqlplus can be found via the below icon. Upon double clicking this executable, a shell will appear prompting for a username of which to log into the Oracle Database with. Please reference the oracle-credentials file also located on the Desktop for the randomly generated credentials to be used for authentication to the database as the system user.



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