Installing Oracle 12c Server & Client

Oracle 12c media can no longer be downloaded from Oracle but can be downloaded here.

- Oracle Database Client (12.1.0.2.0) for Microsoft Windows (x64):
 - winx64_12102_client.zip
- Oracle Database Client (12.1.0.2.0) for Microsoft Windows (32-bit):
 - winnt_12102_client32.zip
- **NOTE**: The Database is only necessary if you intend to download the nightly Biotics backups to create a duplicate of the Biotics database. It is NOT necessary if you are merely connecting to the Biotics database via third-party tools.

Oracle Database 12*c* Release 1 (12.1.0.2.0) for Microsoft Windows (x64):

- winx64_12102_database_1of2.zip AND
- winx64_12102_database_2of2.zip

Installation Instructions:

- Install Oracle Client (64-bit)
- Install Oracle Client (32-bit)
- <u>Server</u>

Install Oracle clients

On a 64-bit machine, install BOTH the 64-bit and 32-bit client. Various third-party tools require different drivers. Furthermore, the few times that folks just installed the 32-bit client on a 64-bit machine, because that's what the third-party tool(s) they use necessitates, and not the 64-bit client, they had to go back and install the 64-bit client too. So, save yourself some time and install according to these instructions, in this order!

Install Oracle Client (64-bit)

Run \\...\client\setup.exe to install Oracle 12c Client for 64-bit

🛃 Oracle Database Client 12c Rele	ase 1 Installer - Step 1 of 6
Select Installation Type	
Select Installation Type Select Product Languages Perform Prerequiste Checks Summary Install Product Frinkt	What type of Installation do you want? Installs Instant Client (350.0MB) Installs Instant Client Software Installs Instant Client Software Installs Instant Client Software Installs the management console, management tools, networking services, utilities and basic client software. Buntime (1.1GB) Installs tools for developing applications, networking services and basic client software. Qustom Enables you to choose individual components to install.
Help	<back next=""> Install Cancel</back>

lect Product Languages				
 Select Installation Type Select Product Languages Perform Prerequiste Checks Sammary Install Product Frinith 	Select the languages in which your pr <u>Available languages:</u> Arabic Bengali Brazilian Portuguese Bulgarian Canadian French Catalan Croatian Czech Danish Dutch Egyptian English (United Kingdom) Estonian Finnish French German Greek Hebrew Hungarian	oduct will run.	Selected languages: English	

Specify Oracle Home User	Of State	
Select Installation Type Select Product Languages	Use Windows Built-in Account or specify a standard Windows install and configure the Oracle Home. This account is used for Home. Do not log in using this account to perform administrative	User Account (not an Administrator account) to running the Windows Services for the Oracle tasks.
Oracle Home User Selection	O Use Existing Windows User	
Specify installation Location Perform Prerequisite Checks Summary Install Product Finish	User Name:	
Help	(- Back Next > Install Cancel

🛃 Oracle Database Client 12c Release	1 Installer - Step 4 of 8	
Specify Installation Location	ORACLE DATABASE	12 ^c
Select Installation Type Select Product Languages Oracle Home User Selection	Specify an Oracle base path to place all Oracle software and configuration-related files. This local Oracle base directory.	tion is the Browse
Perform Prerequisite Checks Summary Install Product Finish	Specify a location for storing Oracle software files. This location is the Oracle home directory. Software location? C:\app\client64\oracle\product\12.1.0\client_1	Browse
Нер	< Back Next > Patial	Cancel

🛃 Oracle Database Client 12c Relea	se 1 Installer - Step 6 of 8
Summary	
Select Installation Type Select Product Languages Oracle Home User Selection Specify Installation Location Perform Prerequisite Checks	Oracle Database Client 12c Release 1 Installer
Summary	Oracle Home location: C:\app\client64\oracle\product\12.1.0\client_1 [Edit]
Pinish Finish	
	Save Response File
Help	< Back Next > Install Cancel

🛃 Oracle Database Clie	ent 12c Release 1 Installer - Step 7 of 8	
Install Product		12 ^C
Select Installation Select Product Law Oracle Home User Specify Installation Perform Preroques Summary Install Product Finish	Windows Security Alert Windows Firewall has blocked some features of Java(TM) Platform SE binary on all public, private and domain networks. Name: Isva(TM) Platform SE binary Publisher: Sun Microsystems, Inc. Path: C: \users \phillips \appdata \local\temp \prainstall2016-04- 13_12-18-37pm \jdk \jre \bin \jjavaw.exe Alow Java(TM) Platform SE binary to communicate on these networks: Domain networks, such as a workplace network Private networks, such as my home or work network Public networks, such as those in airports and coffee shops (not recommended because these networks often have little or no security) What are the risks of allowing a program through a frewal?	Succeeded Succeeded Succeeded In Progress In Progress
	Allow access Cancel	
Help	< Back Hoxt >	Instal Cancel

🛃 Oracle Database Client 12c Releas	e 1 Installer - Step 8 of 8	
Finish		
Select Installation Type Select Product Languages Oracle Horse User Selection Specify Installation Location Perform Prerequisite Checks Summary Install Product Finish	The installation of Oracle Client was successful.	
Нер	< Back	Next > Justal Close

Install Oracle Client (32-bit)

If you have installed the 64-bit client, prior to installing the 32-bit client you will need to modify the 32 bit installer so that it will run on Windows Server 2012. This is necessary because the install/oraparam.ini file references the 64-bit version (*vcredist_x64.exe*), however if you check stage/ext/bin, the 32-bit file version is actually named *vcredist_x86.exe*.

The following instructions are taken from http://www.orafaq.com/forum/t/196935/

 In the Oracle 32-bit client media, edit the install/oraparam.ini file and fix the following line from: *MSVCREDIST_LOC=vcredist_x64.exe*

to: MSVCREDIST_LOC=vcredist_x04.exe MSVCREDIST_LOC=vcredist_x86.exe

- 2. Open the Registry Editor by typing **regedit** in the Windows Start menu search.
- 3. Within the Registry Editor, navigate to **HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node** and right-click to create a **New Key** to the Windows registry named ORACLE.
- 4. Right-click on the newly created ORACLE key and create a **New String Value** named **inst_loc**.
- 5. Double-click on **inst_loc** and enter **C:\Program Files (x86)\Oracle\Inventory** within the *Value data* field.

Edit String	23
Value name:	
inst_loc	
Value data:	
C:\Program Files (x86)\Oracle\Inventory	
	OK Cancel

- 6. Click **OK** to save the changes and close the Registry Editor.
- Right-click the executable (<u>\\...\client\setup.exe</u>) and choose Run as Administrator to install Oracle 12c Client for 32-bit.

🛃 Oracle Database Client 12c Relea	se 1 Installer - Step 1 of 6
Select Installation Type	DATABASE 12 ^c
Select Installation Type Select Product Languages Perform Pheroquists Checks	What type of Installation do you want? O Installs Installs Installs Installs Installs Installs Installs
Summary Install Product	<u>Administrator (1024.0MB)</u> Installs the management console, management tools, networking services, utilities and basic client software.
C Finish	Buntime (735.0MB) Installs tools for developing applications, networking services and basic client software. Qustom Enables you to choose individual components to install.
Нер	A Back Next > sotal Cancel

Select Product Languages	e 1 Installer - Step 2 of 6	o KDA) .
Select Installation Type Select Product Languages Perform Prerequiste Checks Sammery Install Product Finish	Select the languages in which your pro	oduct will run.	ed languages: h	
Help		<	Back Next > Instal C	ancel

Oracle Database Client 12c Release Specify Oracle Home User	1 Installer - Step 3 of 8
Select Installation Type Select Product Languages	Use Windows Built-in Account or specify a standard Windows User Account (not an Administrator account) to install and configure the Oracle Home. This account is used for running the Windows Services for the Oracle Home. Do not log in using this account to perform administrative tasks.
Oracle Home User Selection	O Use Existing Windows User
Specify Installation Location Perform Prerequisite Checks Summary Install Product Finish	User Name: Beasword: Uger Name: Pasaword: Canfrm: Pasaword: The newly created user is denied Windows logen privileges.
Нер	< Back Next > Fostal Cancel

Oracle Database Client 12c Release	1 Installer - Step 4 of 8	- 0
pecify Installation Location	ORACLO DATABASE	12 [°]
Select Installation Type Select Product Languages	Specify an Oracle base path to place all Oracle software and configuration-related files. This loo Oracle base directory.	ation is the
Oracle Home User Selection	Oracle base: C:\app\client32\oracle	Browse
Specify Installation Location		
Perform Prerequisite Checks	Specify a location for storing Oracle software files. This location is the Oracle home directory.	
Summery	Software location: Clappiclient32/oracle/product/12.1.0/client 1	Browse
Install Product		
Нер	< Back Next > insta	Cancel

S Oracle Database Client 12c Relea	se 1 Installer - Step 6 of 8
Summary	DATABASE Z
Select Installation Type Select Product Languages Oracle Home User Selection Specify Installation Location Perform Prerequisite Checks Summary Install Product Finish	Oracle Database Client 12c Release 1 Installer Global Settings Disk Space: required 1.0 GB available 18.49 GB [Edi] Source Location: C:\temp\Oracle\client32_12102\client32\install.\stage\products.xml Install Type: Administrator [Edi] Oracle Base: C:\tapp\client32\oracle [Edi] Oracle Home location: C:\tapp\client32\oracle\product\12.1.0\client_1 [Edit] Oracle Home User Selection: NT AUTHORITY\LOCAL SERVICE [Edit]
	Save Response File
Help	< Back fiext > Install Cancel

Vindows Firewall I	nas blocked som	e features of Java(TM) Platform SE binary on all public, private
nd domain netwo	Name:	Java(TM) Platform SE binary
1	Publisher:	Sun Microsystems, Inc.
	Path:	C: \users \phillips \appdata \local \temp \prainstall 2016-04-
Private net	works, such as n	ny home or work network

Soracle Database Client 12c Relea	se 1 Installer - Step 8 of 8	
Finish		
Select Installation Type Select Product Languages Oracle Home User Selection Specify Installation Location Perform Prerequisite Checks Summary Install Product	The Installation of Oracle Client was successful.	
	L3	
Help	<back< td=""><td>Next > Install Close</td></back<>	Next > Install Close

Server Installation

• **NOTE**: The Database is only necessary if you intend to download the nightly Biotics backups to create a duplicate of the Biotics database. It is NOT necessary if you are merely connecting to the Biotics database via third-party tools.

<u>\$</u>	Oracle Database 12c Re	lease 1 Installer - Step 1 of 10	_ D X
Configure Security Updates			
Configure Security Updates	Provide your email address to be i and initiate configuration manager.	nformed of security issues, install the production View details.	ct
Installation Option Grid Installation Options	E <u>m</u> ail:	Easier for you if you use your My Oracle S] upport email address/username.
Install Type	I wish to receive security upda	ites via My Oracle Support.	
Installation Location	My Oracle Support Password:]
Prerequisite Checks Summary			
 Install Product Finish 			
Help		< <u>B</u> ack	Next > Install Cancel

<u>\$</u>	Oracle Database 12c Release 1	Installer - Step 2 of 10	_ D X
Select Installation Option			
<u>Configure Security Updates</u> Installation Option	Select any of the following install options.		
Grid Installation Options Install Type Oracle Home User Selection Installation Location	 Install <u>d</u>atabase software only <u>Upgrade</u> an existing database 		
Prerequisite Checks Summary Install Product			
U Finish			
<u>H</u> elp		< <u>B</u> ack	Next > Install Cancel

<u>چ</u>	Oracle Database 12c Release 1 Installer - Step 3 of 9
System Class	
Configure Security Updates Installation Option System Class Oracle Home User Selection Installation Location Prerequisite Checks Summary Install Product Finish	 ○ Desktop class Choose this option if you are installing on a laptop or desktop class system. This option includes a starter database and allows minimal configuration. ② Server class Choose this option if you are installing on a server class system, which Oracle defines as a system used in a production data center. This option allows for more advanced configuration options.
Help	< <u>B</u> ack <u>N</u> ext > install Cancel

\$	Oracle Database 12c Release 1 Installer - Step 4 of 11
Grid Installation Options	
Configure Security Updates	Select the type of database installation you want to perform.
A Installation Option	♀
A System Class	Oracle Real Application Clusters database installation
Grid Installation Options	Oracle RAC On <u>e</u> Node database installation
http://www.installType	
Oracle Home User Selection	
Installation Location	
Prerequisite Checks	
Summary	
Install Product	
└ Finish	
Help	< <u>Back</u> <u>Next</u> install Cancel

\$	Oracle Database 12c Release 1 Installer - Step 5 of 11
Select Install Type	
Configure Security Updates	 Typical install Perform full Oracle Database installation with basic configuration.
System Class	O Advanced install
Grid Installation Options	Allows advanced selections such as different passwords for the SYS,SYSMAN, SYSTEM and DBSNMP
🔎 Install Type	storage options such as Oracle Automatic Storage Management.
Oracle Home User Selection	
 Installation Location 	
 Prerequisite Checks 	
⊖ Summary	
 Install Product 	
່ Finish	
Help	< Back Next > Install Cancel

<u>\$</u>	Oracle Database 12c Release 1 Installer - Step 6 of 13	
Select Product Languages		
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Prerequisite Checks Summary Install Product Finish	Select the languages in which your product will run. Available languages: Arabic Arabic Bengali Brazilian Portuguese Bulgarian Canadian French Catalan Croatian Czech Danish Dutch Egyptian English (United Kingdom) Estonian Finnish French German Greek Hebrew	
<u>H</u> elp	< Back Next > Install Cancel	

<u>\$</u>	Oracle Database 12c Release 1 Installer - Step 7 of 13
Select Database Edition	
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Prerequisite Checks Summary Install Product Finish	Which database edition do you want to install? Enterprise Edition (6.0GB) Oracle Database 12c Enterprise Edition is a self-managing database that has the scalability, performance, high availability, and security features required to run the most demanding, mission-ortical applications. Standard Edition Two (5.5GB) Oracle Database 12c Standard Edition Two is a full-featured data management solution ideally suited to the needs of medium-sized businesses. It includes Oracle Real Application Clusters for enterprise-class availability and comes complete with its own Oracle Clusterware and storage management capabilities. Personal Edition (4.85GB) Supports single-user development and deployment that requires full compatibility with Oracle Enterprise Edition 12c and Oracle Standard Edition Two 12c. Image: Standard Edition Two
Help	< Back Next > Install Cancel

\$	Oracle Database 1	2c Release 1 Installer - Step 8 of 20
Specify Oracle Home User		
<u>Configure Security Updates</u> <u>Installation Option</u> <u>System Class</u> <u>Grid Installation Options</u>	Oracle recommends that y and configure the Oracle for the Oracle Home. Do r Use Existing Windows	you specify a standard Windows User Account (not an Administrator account) to install Home for enhanced security. This account is used for running the Windows Services ot log in using this account to perform administrative tasks. User
Product Languages	User Name: Password: I O Create New Windows	User
Oracle Home User Selection Installation Location Configuration Type Database Identifiers	U <u>s</u> er Name: P <u>a</u> ssword: C <u>o</u> nfirm Password:	OraDb
Configuration Options Database Storage Management Options Recovery Options	The newly created u	ser is denied Windows logon privileges. Account
Schema Passwords Prerequisite Checks Summary		
Help	J	< Back Next > Install Cancel

<u>\$</u>	Oracle Database 12c Release 1 Installer - Step 9 of 13
Specify Installation Location	
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Prerequisite Checks Summary Install Product Finish	Specify a path to place all Oracle software and configuration-related files installed by this installation owner. This location is the Oracle base directory for the installation owner. Oracle base $\ensuremath{\mathbb{C}}\$ C:\app\Oracle $\ensuremath{\mathbb{C}}\$ Browse Specify a location for storing Oracle database software files separate from database configuration files in the Oracle base directory. This software directory is the Oracle database home directory. Software location: C:\app\Oracle\product\12.1.0\dbhome_1 $\ensuremath{\mathbb{C}}\$ Browse
Help	< <u>Back</u> <u>Next</u> > <u>Install</u> Cancel



<u>\$</u>	Oracle Database 12c Release 1 Installer - Step 11 of 20
Specify Database Identifier	
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Configuration Type Database Identifiers Configuration Options Database Storage Management Options Recovery Options Schema Passwords Prerequisite Checks Summary Install Product	Provide the identifier information required to access the database uniquely. An Oracle database is uniquely identified by a Global database name, typically of the form "name.domain". A database is referenced by atleast one Oracle instance which is uniquely identified from any other instance on this computer by an Oracle system identifier (SID). Global database name: Oracle system identifier (SID): biotics Create as Container database Creates a database container for consolidating multiple databases into a single database and enables database virtualization. Pluggable database name: pdborcl
Help	< <u>Back</u> <u>Next</u> install Cancel

<u>\$</u>		Oracle Database 12c Release 1 Installer - Step 12 of 20
Specify Configuration Op	otion	
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Configuration Type Database Identifiers Configuration Options Recovery Options Schema Passwords Prerequisite Checks Summary Install Product		Memory Character sets Samgle schemas Enabling Automatic Memory Management allows the database to distribute memory automatically between the system global area (SGA) and the program global area (PGA), based on user-specified overall database memory target size. If automatic memory management is not enabled, then the SGA and PGA must be sized manually. Image: I
		< Back Next > Install Cancel

\$	Oracle Database 12c Release 1 Installer - Step 12 of 20	x
Specify Configuration Opt	ions ORACLE DATABASE	2 ^c
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Configuration Type Database Identifiers Oracle Address Storage Management Options Recovery Options Schema Passwords Prerequisite Checks Summary Install Product	Memory Character sets Sample schemas The database character set determines how character data is stored in the database. Character set for this database is based on the language setting of this operating system: WE8MSWIN1252. Use Unicode (AL32UTF8) Setting character set to Unicode (AL32UTF8) enables you to store multiple language groups. Chgose from the following list of character sets Select Database character set: West European WE8MSWIN1252	
Help	< <u>Back</u> Next > Install (Cancel

<u>چ</u>	(Oracle Database 12c Release 1 Installer - Step 12 of 20
Specify Configuration Op	tion	
 Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Configuration Type Database Identifiers Configuration Options Recovery Options Schema Passwords Prerequisite Checks Summary Install Product 		Memory Character sets Samgle schemas You can choose to create a starter database with or without sample schemas. Note that you can plug in the sample schemas to your existing starter database after creation. See "Help" for more details. Image: Create database with sample schemas
Help		< Back Next > Install Cancel

\$	Oracle Database 12c Release 1 Installer - Step 13 of 20
Specify Database Storage	Options ORACLE 12 ^c
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Configuration Type Database Identifiers Configuration Options Oracle Home User Selection Recovery Options Schema Passwords Prerequisite Checks Summary Install Product	 File system Use a file system for database storage. For optimal database organization and performance, Oracle recommends that you install data files and the Oracle database software on different disks. Specify database file location: E:\app\Oracle\oradata Browse O racle Automatic Storage Management Oracle Automatic Storage Management (Oracle ASM) simplifies database storage administration, and places database files for optimal VO performance. Select this option if you intend to use Oracle ASM.
Help	< Back Next > Install Cancel

<u>\$</u>	(Dracle Database 12c Release	1 Installer - Step 14 of 20	_ 🗆 X
Specify Management Op	tions			
<u>Configure Security Updates</u> <u>Installation Option</u> <u>System Class</u>	▲ (3)	Oracle Database 12c is managed by O Manager 12c Cloud Control to manage Control configuration to manage your d	racle Database Express by default.You can us each Oracle Database 12c centrally. Specify th atabase.	e Oracle Enterprise e details of the Cloud
Grid Installation Options	a l	O <u>M</u> S Host: OMS Port:	biotics2012.nature.serve	
Product Languages Database Edition Oracle Home User Selection		EM Admin User Name:	system	
Installation Location Configuration Type				
Configuration Options Database Storage				
Management Options <u>Recovery Options</u> Scheme Passwords				
Prerequisite Checks Summary				
y Install Product	•		< Back Next >	Install Cancel

<u>\$</u>		Oracle Database 12c Release 1 Installer - Step 15 of 20
Specify Recovery Option	s	
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Configuration Type Database Identifiers Configuration Options Database Storage Management Options Recovery Options Schema Passwords		Enable or disable recovery for your database. If you choose to enable recovery, then the location specified will be used as recovery area storage. Image: Image
Prerequisite Checks Summary Install Product	-	
Help		< <u>Back</u> <u>N</u> ext > Install Cancel

Specify Schema Passwords Image: Configure Security Updates Configure Security Updates Image: Configure Security Updates Exatle of the onto installation. A for installation. A for installation in complex, you mut unlock and set new passwords to tho ses accounts you want to use. Schemas used for database management and postinstallation functions are left unlocked, and passwords for these accounts will not expire. Specify the passwords for these accounts Installation Location Image: Configuration Options Database Edition Image: Configuration Options Database Identifiers Image: Configuration Options Database Schema Image: Configuration Options Datab	<u>\$</u>	Oracle Database 12c Release 1 Installer - Step 16 of 20
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Oracle Home User Selection Installation Location Configuration Options Database Edition Oracle Home User Selection Installation Location Configuration Options Database Identifiers Configuration Options Batabase Storage Management Options Perecusite Checks Summary Install Product Install Product The starter database contains pre-loaded schemas, most of which have passwords that are expired and locked at the end of installation. After installation is complete, you must unlock and set new passwords for these accounts will not expire. Specify the passwords for these accounts. Oracle Home User Selection Installation Location Configuration Options Batabase Storage Management Options Perecusite Checks Summary Install Product Install Product Install Product	Specify Schema Passwords	
V Summary V Install Product	 <u>Configure Security Updates</u> <u>Installation Option</u> <u>System Class</u> <u>Grid Installation Options</u> <u>Install Type</u> <u>Product Languages</u> <u>Database Edition</u> <u>Oracle Home User Selection</u> <u>Installation Location</u> <u>Configuration Type</u> <u>Database Identifiers</u> <u>Configuration Options</u> <u>Database Storage</u> <u>Management Options</u> <u>Schema Passwords</u> <u>Prerequisite Checks</u> 	The starter database contains pre-loaded schemas, most of which have passwords that are expired and locked at the end of installation. After installation is complete, you must unlock and set new passwords for those accounts unlocked, and passwords for these accounts will not expire. Specify the passwords for these accounts. Image:
Help Sack Nexts Install Cancel	y Install Product	< Back Next > Install Cancel



<u>\$</u>	Oracle Database 12c Release 1 Installer - Step 19 of 20	- x
Install Product		12 ^c
Configure Security Updates Installation Option System Class Grid Installation Options Install Type Product Languages Database Edition Oracle Home User Selection Installation Location Configuration Type Database Identifiers Configuration Options Database Storage Management Options Recovery Options Schema Passwords	Progress 30% Extracting files to 'C:\app\Oracle\product\12.1.0\dbhome_1'. Status Oracle Database installation Oracle Database installation Oracle Database configuration Details	In Progress Succeeded In Progress Pending Pending Pending Pending
Summary Install Product	DRACLE 12 ^C	
Help	< <u>Back</u> <u>N</u> ext > ins	all Cancel



ے ل	atabase Configuration Assistant	x
Database creation complete. Fo C:\app\Oracle\cfgtoollogs\dbca	or details check the logfiles at: \biotics.	
Database Information: Global Database Name: System Identifier(SID): Server Parameter File name:	biotics.nature.serve biotics C:\app\Oracle\product\12.1.0\dbhome_1\database\spfilebiotics.	ora
EM Database Express URL:	https://biotics2012.nature.serve:5500/em	
Note: All database accounts exe Management button to view a co accounts. From the Password M strongly recommends changing	cept SYS and SYSTEM are locked. Select the Password omplete list of locked accounts or to manage the database Management window, unlock only the accounts you will use. Oracl the default passwords immediately after unlocking the account. Password Management	le t
	QK	

ي ا		Oracle Database 12c Release 1 Installer - Step 20 of 20
Finish		
Installation Option System Class		The installation of Oracle Database was successful. Note: Your database configuration files have been installed in C:\app\Oracle while other components selected for
Product Languages Database Edition Oracle Home User Selection		Installation have been installed in C:\app\OraDb\product\12.1.U\dbnome_1. Be cautious not to accidentally delete these configuration files.
Configuration Type Database Identifiers Configuration Options		
Anagement Options Recovery Options Schema Passwords		
Prerequisite Checks Summary Install Product Finish	-	
Help		< <u>B</u> ack Next > Install Close

