



ORACLE - INSTALLATION

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ORACLE DATABASE SERVER

ORACLE DATABASE

<https://www.oracle.com/database/>

The screenshot shows the Oracle Database website homepage. At the top, there's a navigation bar with the Oracle logo, a search bar containing "Ask 'Try Oracle Cloud for free'", and links for "View Accounts" and "Try Oracle Cloud Free T". Below this, the "Oracle Database" header is visible, along with buttons for "Download Oracle Database 19c" and "Think Autonom". The main hero section features the headline "Gartner Recognizes Oracle as a Magic Quadrant Leader in Database Management". Below the headline, a paragraph states: "Oracle received the highest scores in all four use cases in the 2019 Gartner Critical Capabilities for Operational Database Management Systems. We were also named a leader in the 2019 Gartner Magic Quadrant for Operational Database Management Systems for the seventh consecutive year." There are two green buttons: "Gartner Critical Capabilities report" and "Gartner Magic Quadrant report". To the right of the text is a graphic of a network with a padlock and a gear. Below the hero section is a navigation menu with links: "Overview", "Autonomous", "Cloud Services", "Technical Details", "Products A-Z", and a "Contact" button. A teal banner below the menu features the Oracle logo, the text "Autonomous Database: Sit back, relax, and let Oracle do the driving.", and buttons for "Learn more" and "Unfold the stor". The bottom section is titled "Find Out What's New" and "Oracle Database and Data Management Products". It contains three columns of content. The first column lists "Oracle Autonomous Database", "Oracle Autonomous Transaction Processing", and "Oracle Autonomous Data". The second column, under the heading "AUTONOMOUS DATABASE", describes "Data management automation driven by machine learning to reduce costs and accelerate innovation". The third column mentions "Oracle's revolutionary cloud database is self-driving, self-securing." and includes a video link: "Video: Autonomous Database—A Brief Overview (3:40)".

Oracle Database

Download Oracle Database 19c

Think Autonom

Gartner Recognizes Oracle as a Magic Quadrant Leader in Database Management

Oracle received the highest scores in all four use cases in the 2019 Gartner Critical Capabilities for Operational Database Management Systems. We were also named a leader in the 2019 Gartner Magic Quadrant for Operational Database Management Systems for the seventh consecutive year.

Gartner Critical Capabilities report

Gartner Magic Quadrant report

Overview Autonomous Cloud Services Technical Details Products A-Z

Contact

Autonomous Database: Sit back, relax, and let Oracle do the driving.

Learn more

Unfold the stor

Find Out What's New

Oracle Database and Data Management Products

<u>Oracle Autonomous Database</u>	AUTONOMOUS DATABASE
Oracle Autonomous Transaction Processing	Data management automation driven by machine learning to reduce costs and accelerate innovation
Oracle Autonomous Data	Oracle's revolutionary cloud database is self-driving, self-securing. Video: Autonomous Database—A Brief Overview (3:40)

ORACLE EXPRESS 11G – RELEASE 2

- Link:
<https://www.oracle.com/technetwork/es/database/express-edition/overview/index.html>

The screenshot shows the Oracle Technology Network page for Database Express Edition. The left sidebar contains a list of database products: Database 12c, Funciones de la base de datos, Opciones de base de datos, Database Express Edition, Actualizaciones, Berkeley DB, TimesTen In-Memory Database, Exadata Database Machine, Database 10g, Database Lite, RDB, Audit Vault, Secure Backup, Real Application Clusters, Clusterware, Multimedia, Windows, Migraciones, Seguridad, and Manageability. The main content area is titled 'Oracle Database 11g Express Edition' and describes it as 'Free to develop, deploy, and distribute'. It states that Oracle Database 11g Express Edition (Oracle Database XE) is an entry-level, small-footprint database based on the Oracle Database 11g Release 2 code base. A call to action box encourages users to 'Get started with Oracle Database Express Edition 11g Release 2' and provides links for Downloads, Demonstrations, Online Documentation, and Express Edition Forum. Below this, it lists target audiences: Developers, DBAs, Independent Software Vendors (ISVs), and Educational institutions. The page footer mentions that with Oracle Database XE, users can now develop and deploy applications with a powerful, proven, industry-leading infrastructure.

Oracle Technology Network / Database / Database Express Edition / Overview

Overview Downloads Documentation Community Learn More

Oracle Database 11g Express Edition

Free to develop, deploy, and distribute

Oracle Database 11g Express Edition (Oracle Database XE) is an entry-level, small-footprint database based on the Oracle Database 11g Release 2 code base. It's free to develop, deploy, and distribute; fast to download; and simple to administer.

Get started with Oracle Database Express Edition 11g Release 2
[Downloads](#) | [Demonstrations](#) | [Online Documentation](#) | [Express Edition Forum](#)

Oracle Database XE is a great starter database for:

- **Developers** working on Node.js, Python, PHP, Java, .NET, XML, and Open Source applications
- **DBAs** who need a free, starter database for training and deployment
- **Independent Software Vendors (ISVs) and hardware vendors** who want a starter database to distribute free of charge
- **Educational institutions and students** who need a free database for their curriculum

With Oracle Database XE, you can now develop and deploy applications with a powerful, proven, industry-leading infrastructure. and then upgrade when necessary without costly and complex

ORACLE DATABASE XE 21C

- Link:
<https://www.oracle.com/database/technologies/xe-downloads.html>

ORACLE

Products Industries Resources Customers Partners Developers Events Company

🔍




👤 View Accounts

📄 Contact Sales

Database / Technologies /
Oracle Database Express Edition (XE) Downloads

Oracle Database XE Downloads

Oracle Database 21c Express Edition

Download	Description
 Oracle Database 21c Express Edition for Windows x64	(1,967,615,483 bytes - October 08, 2021) [Sha256sum: 939742c3305c466566a55f607638621b6aa7033a183175f6bcd6cffb4
 Oracle Database 21c Express Edition for Linux x64 (OL8)	(2,339,651,768 bytes - September 08, 2021) [Sha256sum: f8357b432de33478549a76557e8c5220ec243710ed86115c65b0c2bc
 Oracle Database 21c Express Edition for Linux x64 (OL7)	(2,339,017,432 bytes - September 08, 2021) [Sha256sum: 4c8f40a19d4d1a2f00e46df022943a04cc13fe62aed27c4c66a137e72

DEVELOPMENT ENVIRONMENTS

- Link: <https://docs.oracle.com/en/database/oracle/database/21/xeinw/introduction.html>

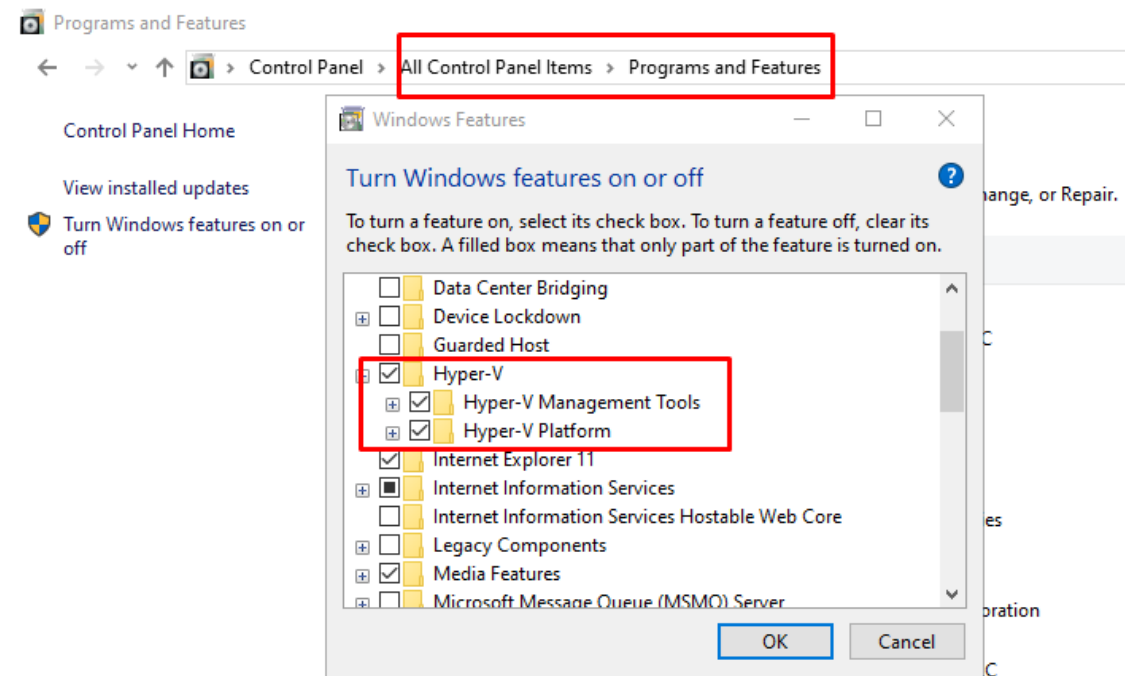
Development Environments

Oracle Database XE supports the following development environments (this is not a complete list):

- **Java:** Develop and deploy modern database-bound Java Web applications (Servlets), modules (Microservices) or standalone Java frameworks using the Oracle JDBC Driver, the Universal Connection Pool (UCP), and the Database-embedded JVM (for in-place, server-side processing).
Visit <http://oracle.com/jdbc> for more information
- **C and C++ :** Developers can use Oracle Call Interface (OCI) and Oracle C++ Call Interface (OCCI) to create high performance programs accessing Oracle Database XE. ODBC and the ODPI-C wrapper over OCI are also usable.
Visit <https://www.oracle.com/technetwork/database/features/oci/index-090945.html> for more information
- **.NET:** Visual Studio and .NET developers can use Oracle Data Provider for .NET (ODP.NET) and Oracle Developer Tools for Visual Studio (ODT) for full development life cycle support.
Visit <https://www.oracle.com/database/technologies/appdev/dotnet.html> for more information
- **Oracle SQL Developer:** Oracle SQL Developer is a graphical version of SQL*Plus that gives database developers a convenient way to perform basic tasks. You can connect to any target Oracle Database XE schema using standard Oracle database authentication. Once connected, you can perform operations on objects in the database.
Download and install Oracle SQL Developer from:
<http://www.oracle.com/technetwork/developer-tools/sql-developer/overview/index.html>
- **Oracle Application Express:** Oracle Application Express (APEX) is a rapid web application development tool for the Oracle database.
Download and install Application Express from:
<http://www.oracle.com/technetwork/developer-tools/apex/overview/index.html>
- **Oracle REST Data Services (ORDS):** ORDS makes it easy to develop modern REST interfaces for relational data in the Oracle Database and the Oracle Database 18c JSON Document Store.
Download and install ORDS from:
<https://www.oracle.com/database/technologies/appdev/rest.html>
- **SODA** (Simple Oracle Document Access) APIs that let you develop NoSQL-style applications against collections of JSON documents. Native language SODA drivers are available for common languages.

Table 3-1 Oracle Database XE Requirements for Microsoft Windows 64-bit

Requirement	Value
Operating system	<p>Oracle Database XE for Windows x64 is supported on the following operating system versions:</p> <ul style="list-style-type: none"> • Windows 7 x64 - Professional, Enterprise, and Ultimate editions • Windows 8.1 x64 - Pro and Enterprise editions • Windows 10 x64 - Pro, Enterprise, and Education editions • Windows Server 2012 x64 - Standard, Datacenter, Essentials, and Foundation editions • Windows Server 2012 R2 x64 - Standard, Datacenter, Essentials, and Foundation editions • Windows Server 2016 x64 - Standard, Datacenter, and Essentials editions
Virtualization	<p>Oracle certifies the following virtualization technologies with Oracle Database on Windows:</p> <ul style="list-style-type: none"> • Oracle VM Server • Microsoft Hyper-V <p>For more detailed information on certified Oracle VM Server combinations, check My Oracle Support note 464754.1. For more information on certified Hyper-V combinations, you can visit: http://www.oracle.com/technetwork/database/virtualizationmatrix-172995.html</p>
Disk space	8.5 gigabytes minimum for Oracle software, plus 2 gigabytes or more for temporary storage
RAM	2 gigabytes RAM minimum

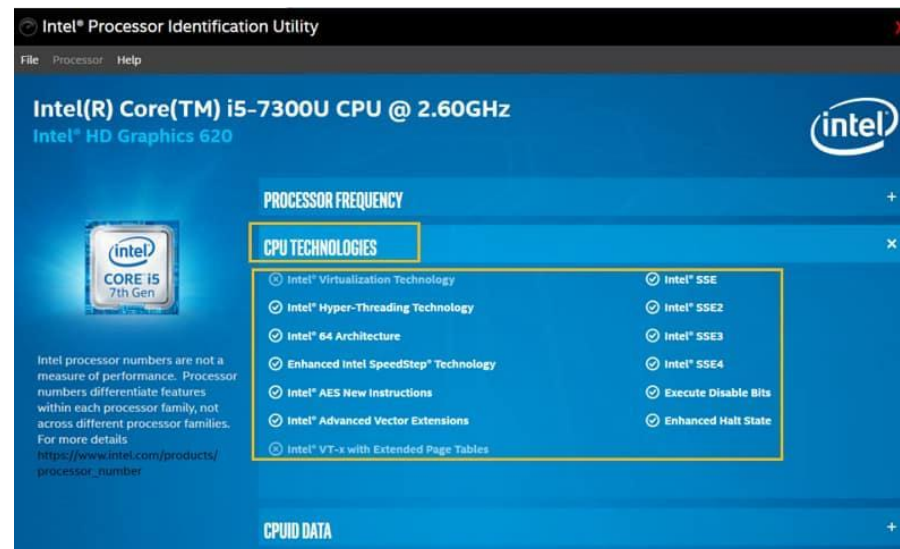


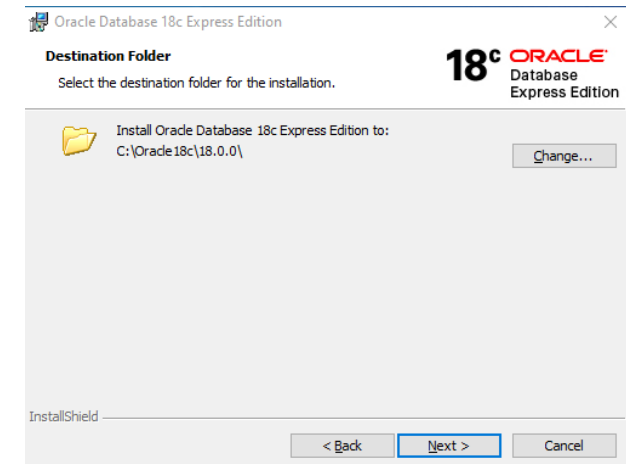
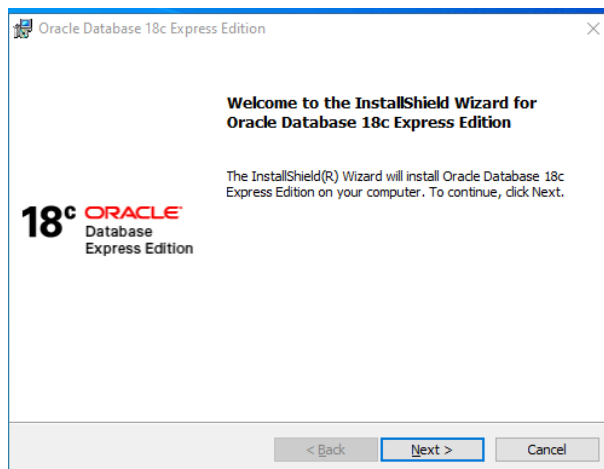
REQUIREMENT

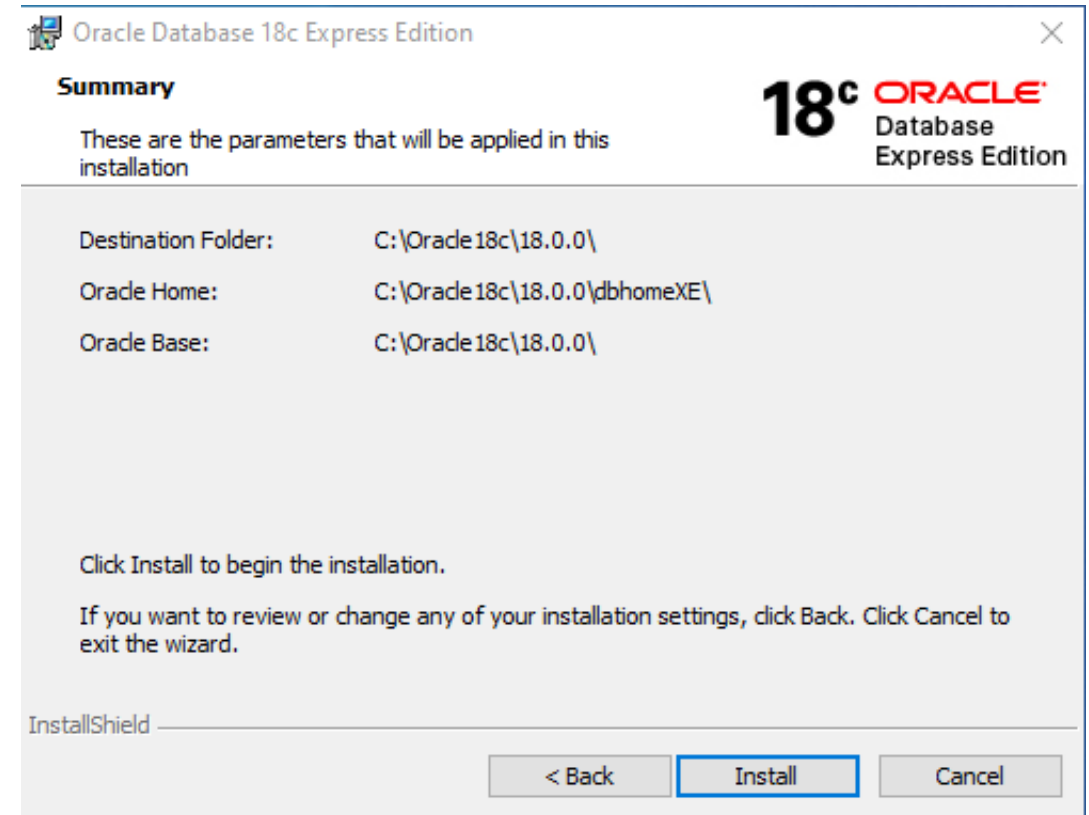
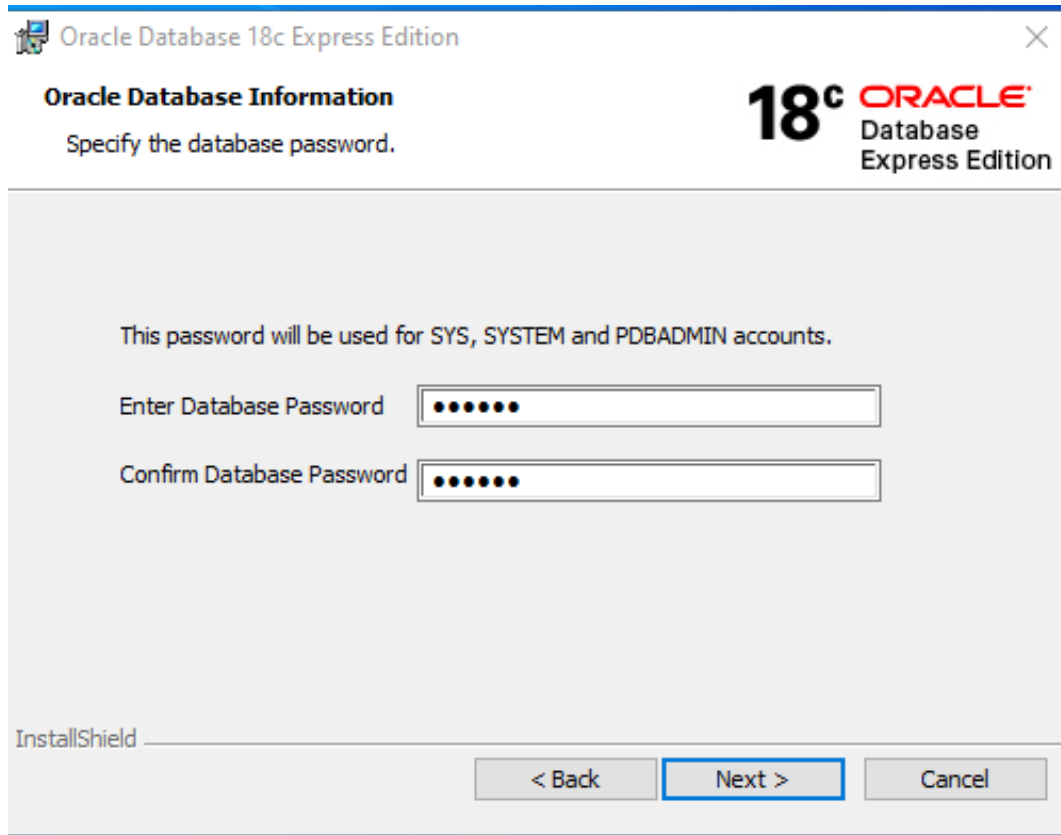
■ <https://docs.oracle.com/en/database/oracle/oracle-database/21/xeinw/requirements.html#GUID-A3CFFC57-490B-42EE-97B3-1C48D914083B>

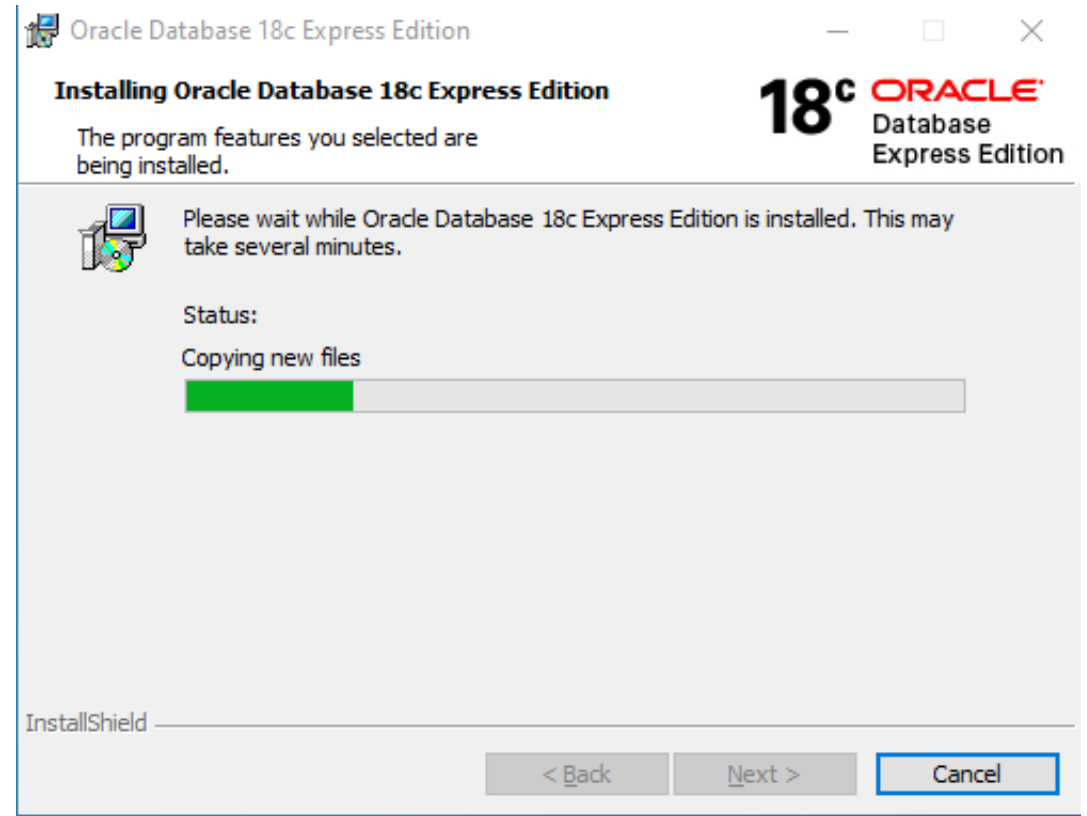
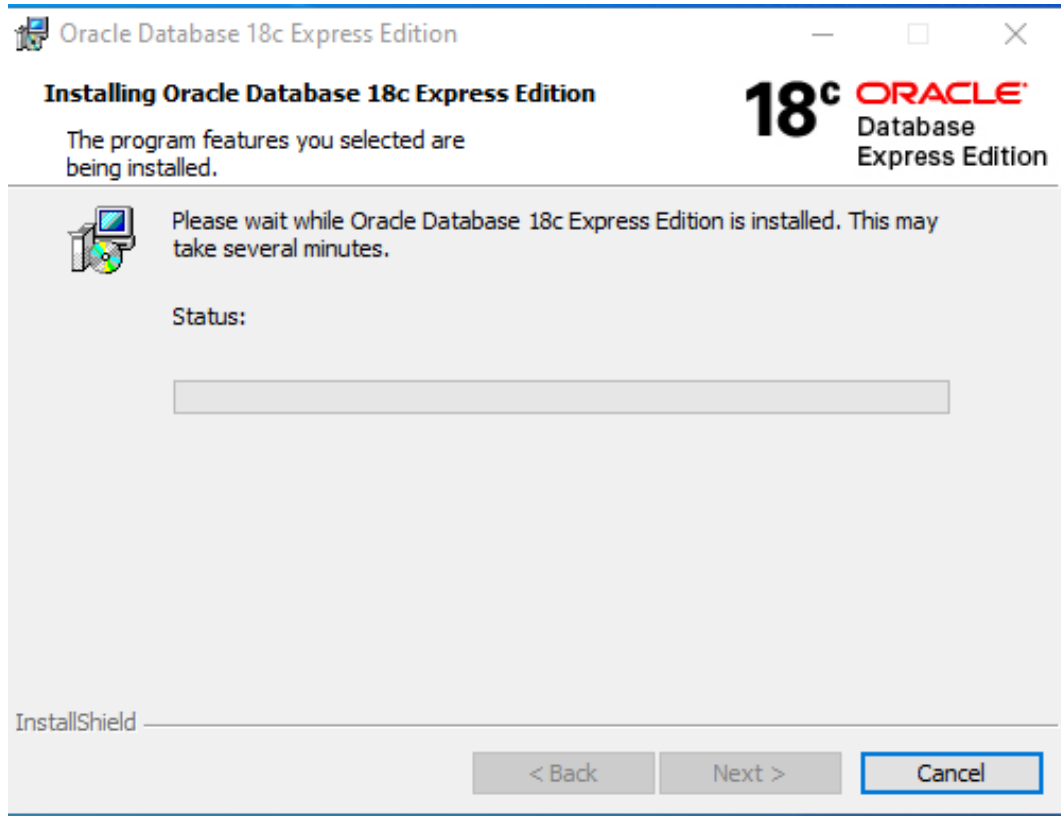
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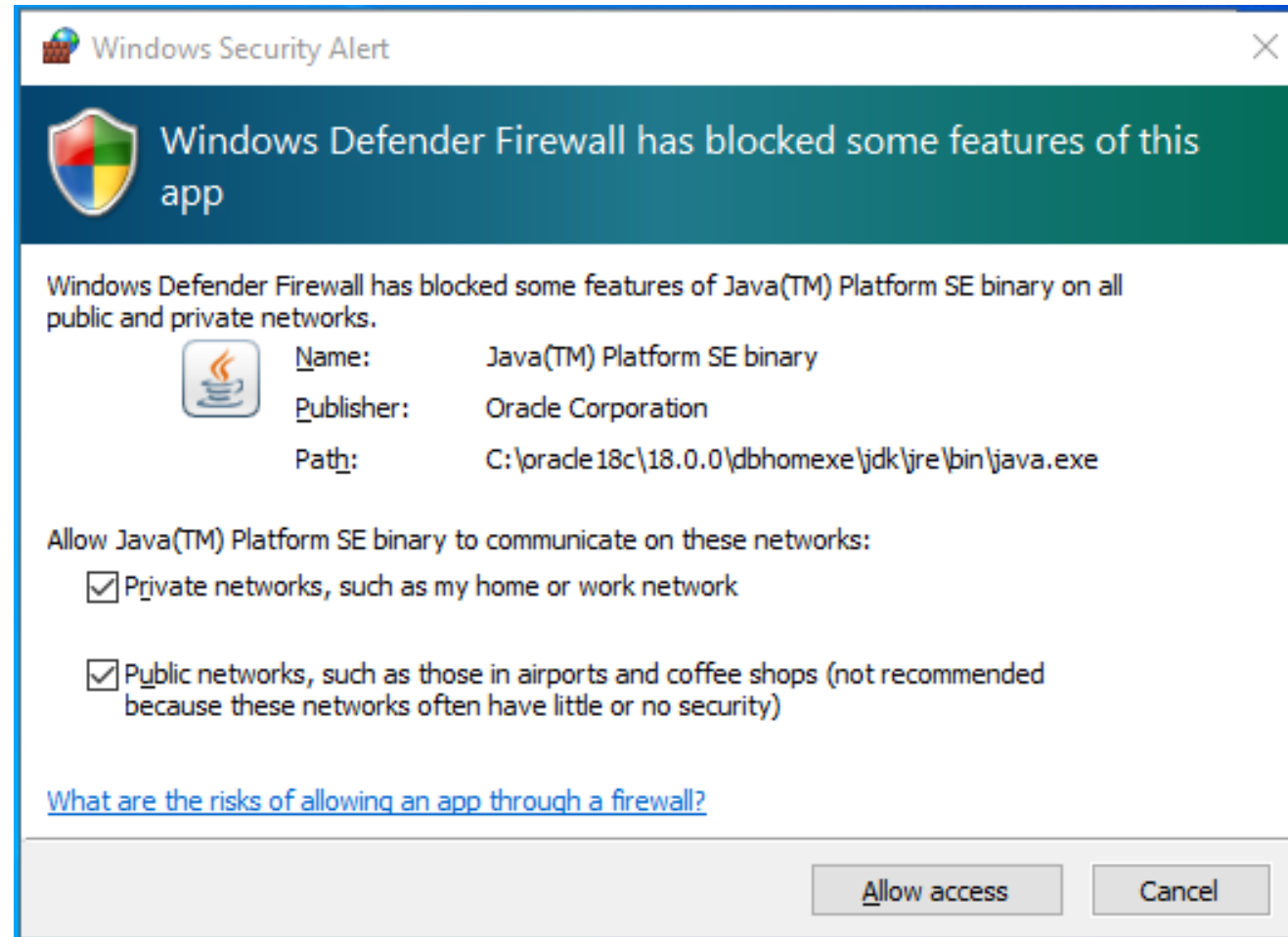
- Có thể download tools của Intel tại địa chỉ sau:
<https://downloadcenter.intel.com/download/28539/Intel-Processor-Identification-Utility-Windows-Version>
- Xem thêm thông tin tại :
<https://www.intel.com/content/www/us/en/support/articles/000005495/processors.html>

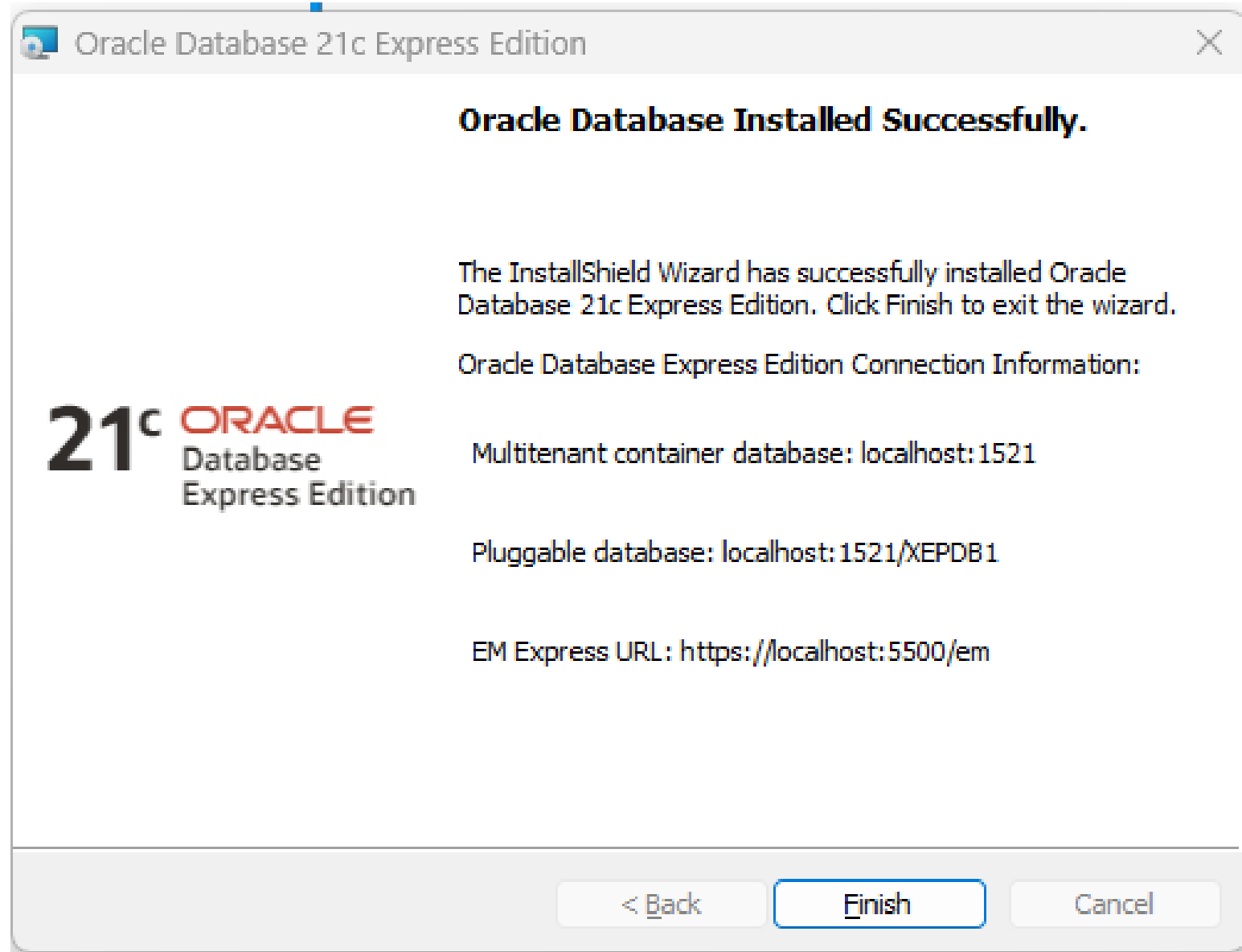






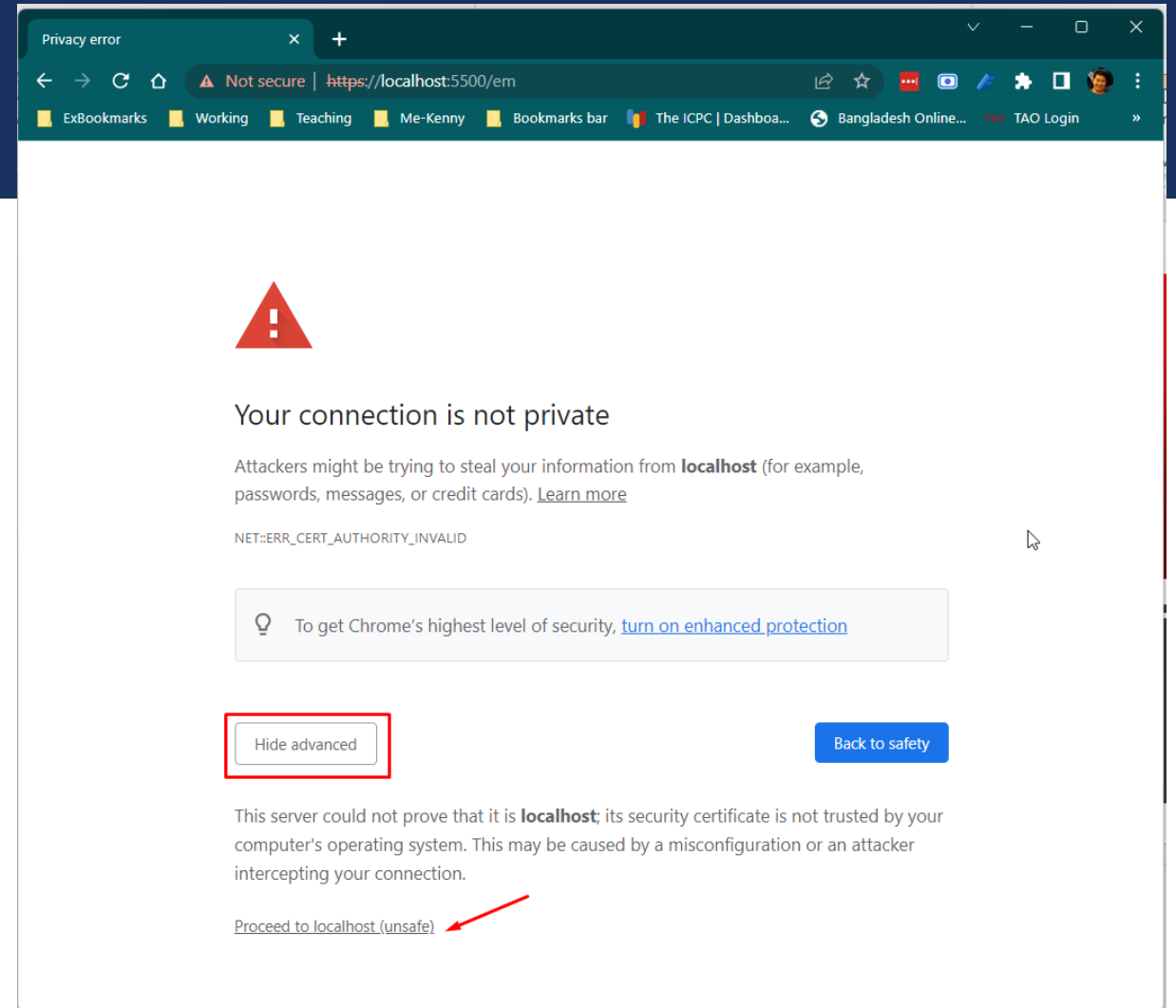


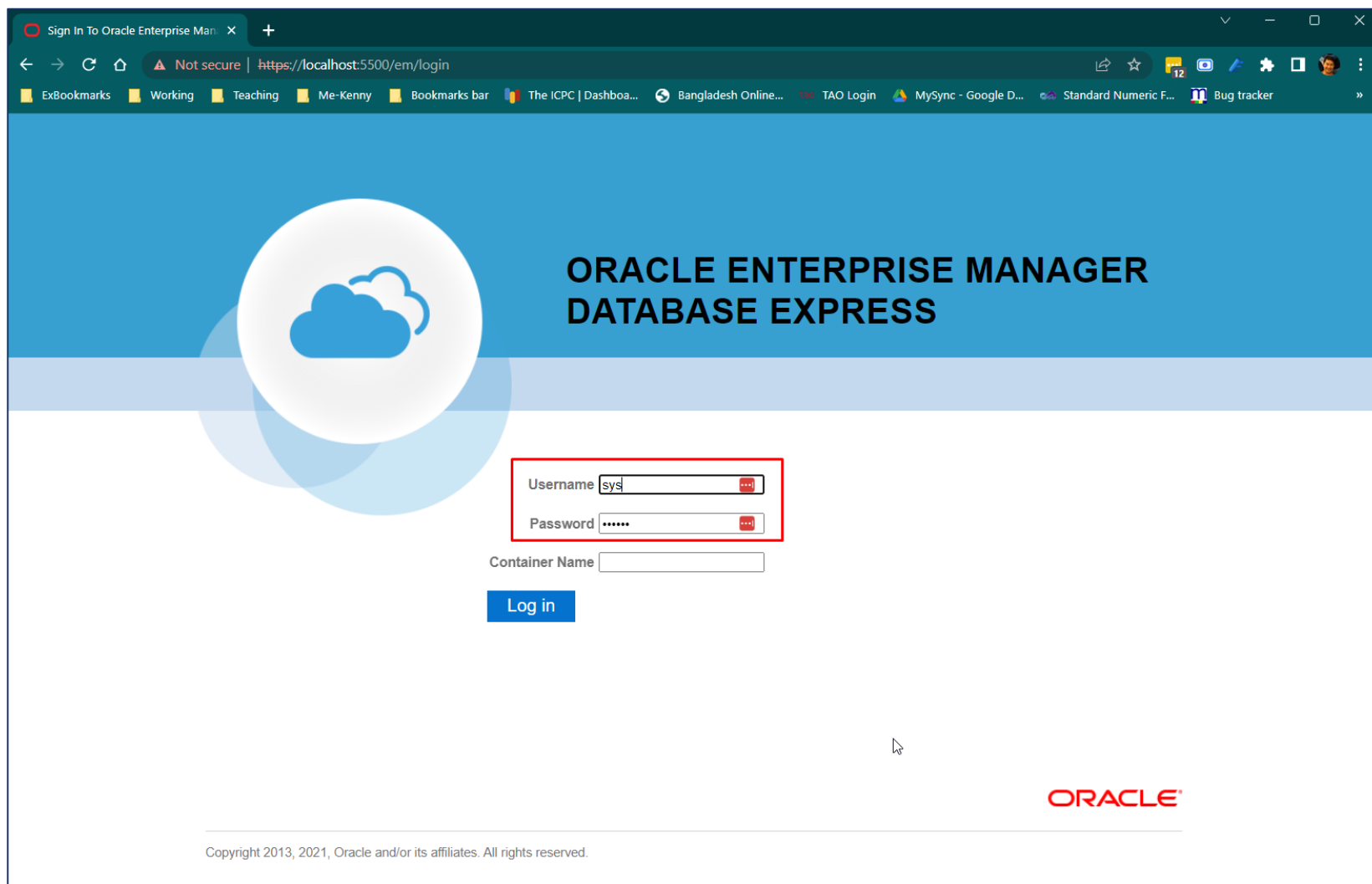




Services					
File Action View Help					
Services (Local)	Name	Description	Status	Startup Type	Log On As
	OpenSSH SSH Server	SSH protocol based servi...		Manual	Local Syste
	Optimize drives	Helps the computer run ...		Manual	Local Syste
	OracleJobSchedulerXE			Disabled	NT SERVIC
	OracleOraDB18Home1MTSRecoveryService		Running	Automatic	NT SERVIC
	OracleOraDB18Home1TNSListener		Running	Automatic	NT SERVIC
	OracleRemExecServiceV2		Running	Disabled	Local Syste
	OracleServiceXE		Running	Automatic	NT SERVIC
	OracleVssWriterXE			Automatic	NT SERVIC
	Parental Controls	Enforces parental control...		Manual	Local Syste
	Payments and NFC/SE Manager	Manages payments and ...		Manual (Trigger Start)	Local Servi

HTTPS://LOCALHOST:5500/EM





Oracle Enterprise Manager Data: x +

Not secure | https://localhost:5500/em/shell

ExBookmarksWorkingTeachingMe-KennyBookmarks barThe ICPC | Dashboa...Bangladesh Online...TAO LoginMySync - Google D...Standard Numeric F...Bug tracker【楽天市場】ドリカ/D...[Học chụp ảnh] Sán...

sys

ORACLE Enterprise Manager Database Express

XE (21.3.0.0.0)PerformanceStorage

Database Home

Time Zone

Browser (GMT+07:00)

1 min Auto-RefreshRefresh

Status

Up Time 45 minutes, 5 seconds
Type Single Instance (xe)
CDB (1 PDB(s))
Version 21.3.0.0.0 Express Edition
Platform Name Microsoft Windows x86 64-bit
Thread 1
Archiver Stopped
Last Backup Time N/A
Incident(s) 0

Performance

ActivityServicesContainers

No data to display

Resources

0.01 ms/s
0.01 ms/s
0 ms/s
0 ms/s
0 ms/s
0 ms/s
0 ms/s

Background
Foreground

CPU Usage

0.012
0.010
0.008
0.006
0.004
0.002
0.000

Wait
User I/O
CPU

Active Sessions

3.7 GB
2.8 GB
1.9 GB
953.7 MB
0 B

total_sga
total_pga
target_pga
shared pool
large pool
buffer cache
Shared IO P...

Memory

762.9 MB
572.2 MB
381.5 MB
190.7 MB
0 B

XEPDB1

Data Storage

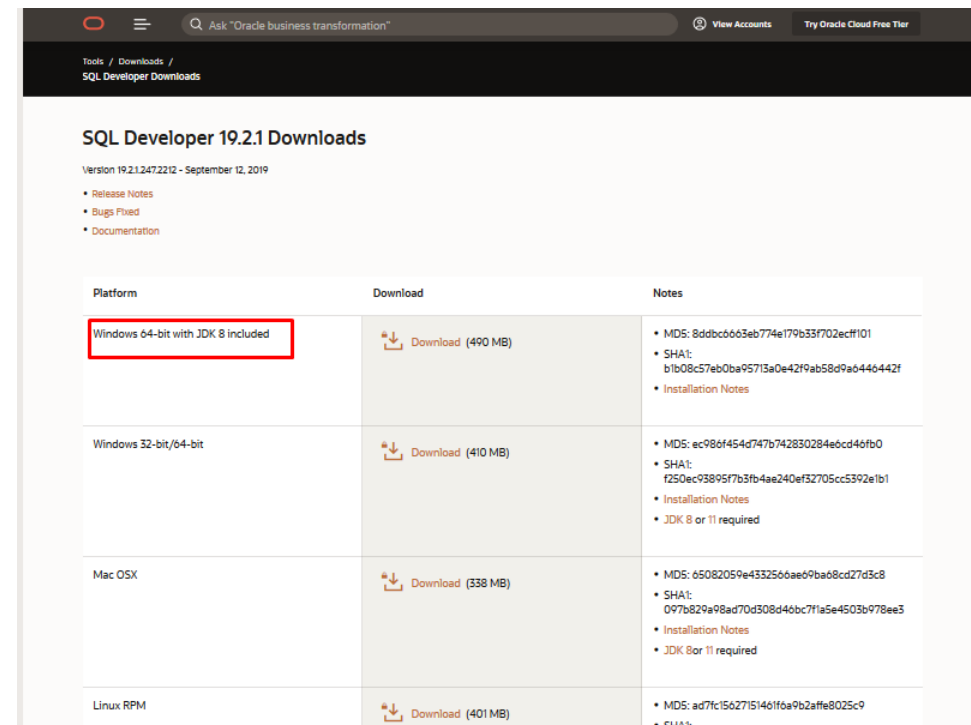
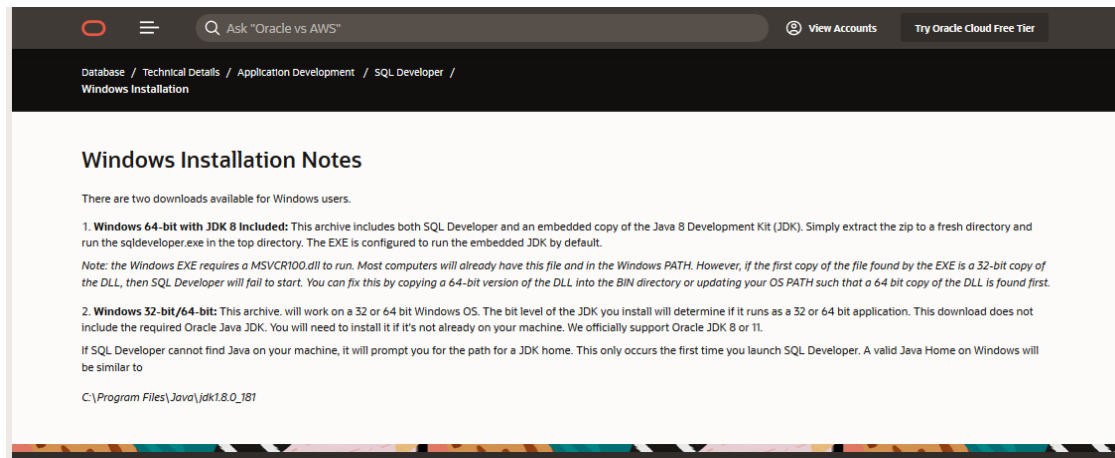
SQL Monitor - Last Hour (20 max)

Top 20 by Last Active Time

Filter by Status, SQL ID or User Name



ORACLE TOOLS



ORACLE DEVELOPER

[HTTPS://WWW.ORACLE.COM/TOOLS/DOWNLOADS/SQLDEV-V192-DOWNLOADS.HTML](https://www.oracle.com/tools/downloads/sqldev-v192-downloads.html)

ORACLE DEVELOPER



New / Select Database Connection

Connection ...	Connection ...
Oracle Minh	sys@//local...

Name ☐ Color

Database Type

User Info Proxy User

Authentication Type

Username Role

Password ☒ Save Password

Connection Type

Details Advanced

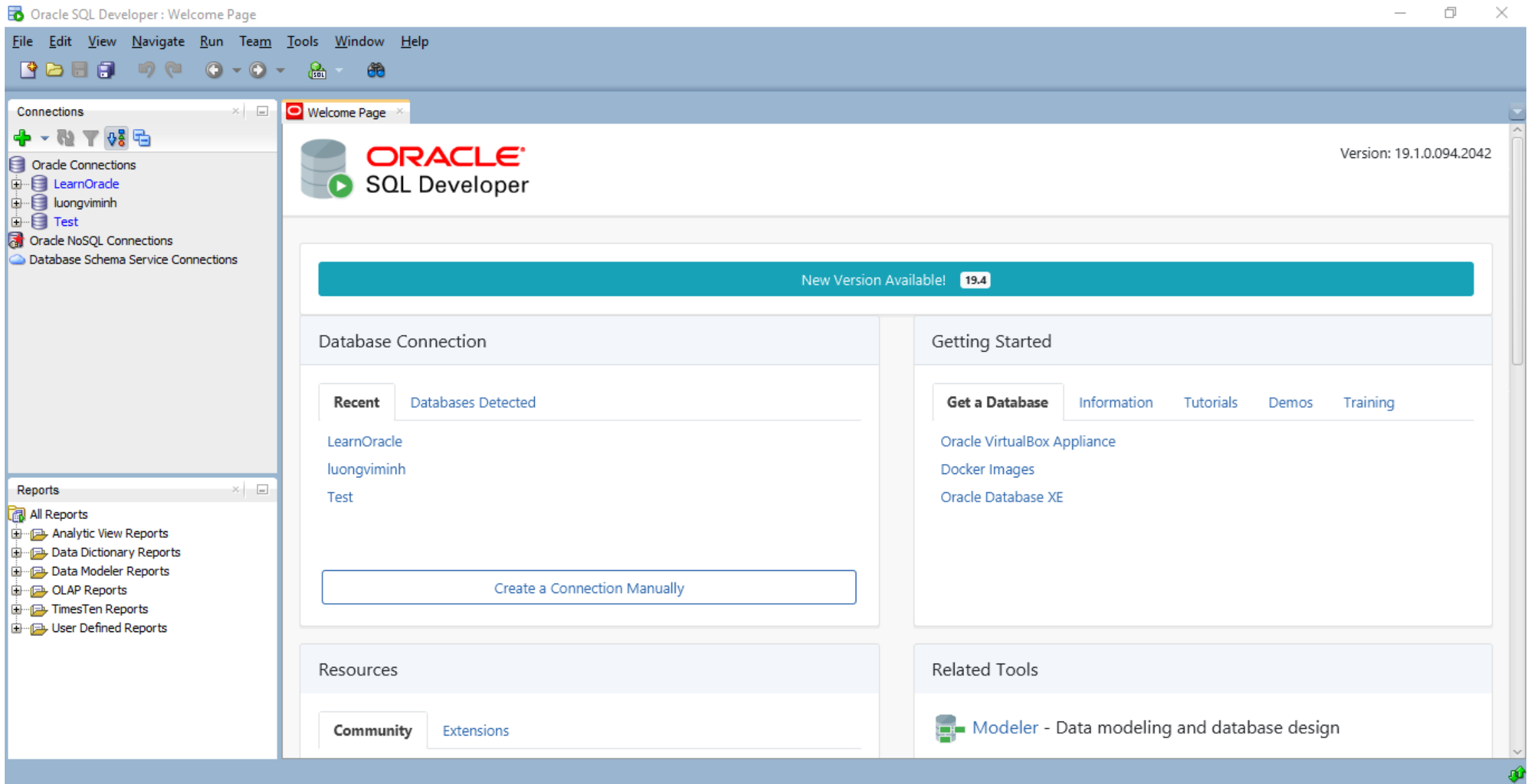
Hostname

Port

☒ SID

☐ Service name

Status: Success





Q&A

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