

To participate in DBA Cloud Challenge you have to complete following tasks!

- Create Oracle Cloud trial account
- Create Database Cloud Service
- Add our public SSH key
- Submit the IP address to us

We will check compliance of your environment and send you confirmation letter. If we will find some deviations from the required shape, we will inform you as soon as possible.

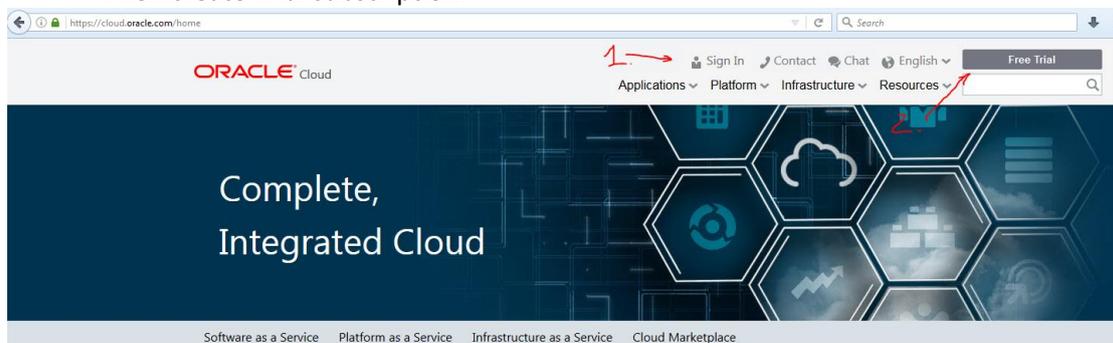
When your environment is OK, then grab your laptop, good mood and proceed to Riga Dev Days Workshops to participate in Challenge Main Part!

Please verify that your laptop has functioning internet connectivity. Prepare all necessary and useful instrumentation like PuTTY, SQL*Developer, SQL*Plus, SecureCRT or whatever you are used to.

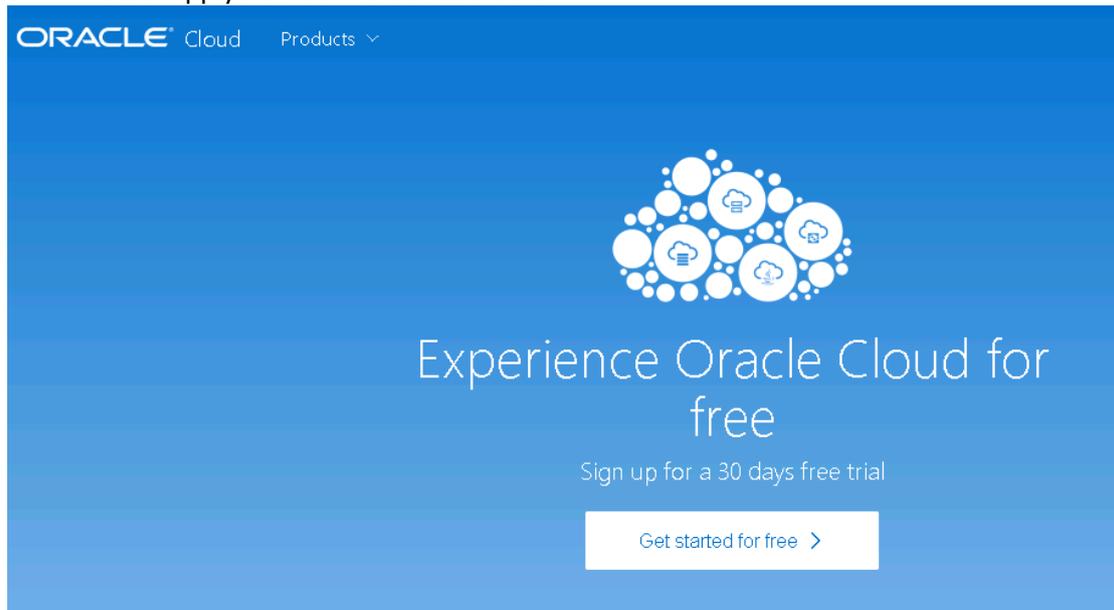
Homework instructions:

- Register trial account at <https://cloud.oracle.com/>

- Create new or use your existing OTN login. Refrain from using free public e-mail addresses, we can not guarantee that Oracle Cloud will accept them.
- Then create Trial subscription:



- Then apply for Oracle PaaS and IaaS:



ORACLE Cloud Products

Experience Oracle Cloud for free

Sign up for a 30 days free trial

Get started for free >

- Fill in all required fields. Please input correct telephone number, it is necessary to receive the text with verification code:

Hello!

Verify your contact details and confirm your mobile number by requesting and providing the verification code. Among other platform and infrastructure services, you will get free access for one month to:

[Oracle Database](#) [Java](#) [Compute](#) [Developer](#)
[Database Backup](#) [Storage](#) [Application Container](#) [SOA](#)

Contact Details

* First Name

* Last Name

* Company

Company Name ?

* Country

Verification Code

* Country Calling Code

* Mobile Number

?

* Verification Code ?

This verification code will be sent in a text message to your mobile phone. Standard text messaging rates apply. Oracle may also contact you at this phone number if we have questions about your trial.

Trial Details

* Name ?

If you decide to create a new account, pay attention to what you name your account as this value is displayed throughout the UI, may be visible in service URLs and even required when users log on to your service. We recommend that the account name indicates your organization and/or division name. Below is the preview of the My Services URL with the account name.

My Services URL Preview: <https://myservices.oraclecloud.com/mycloud/us/...>

I understand and accept Oracle's Terms and Conditions

- After a while you will receive e-mail notification with further instructions. Please follow them.



Congratulations! You have successfully submitted your request to try Oracle Public Cloud Services

Services Included: Oracle Database, Java, Compute, Developer, Database Backup, Storage, Application Container, SOA Cloud Services

Account / Identity Domain: [REDACTED]
Order ID: [REDACTED]
Order Date: [REDACTED]
Trial Duration: 30 days



Next Steps



Check your email

When your request has been approved, we'll send you an email. This usually takes a couple of hours but could take upto a week depending on the demand.



Start using your service

When activation is complete, you'll receive an email with credentials to My Services, where you can monitor your services, add users, monitor service usage and more.

Done

Access Details



User Name and Temporary Password

Use these credentials to sign in to My Services and your Service Console URL.

Username: [REDACTED]
Temporary Password: [REDACTED]
Identity Domain: [REDACTED]



My Account Administration

Sign in to My Account to manage your trials and all your Oracle Cloud services.

My Account URL: <https://myaccount.cloud.oracle.com/mycloud/faces/dashboard.jspx>
Username: Use your Oracle account user name.
Password: Use your Oracle account password.



My Services Administration

Sign in to My Services to monitor this trial environment, including usage data and status.

My Services URL: [https://myservices.emea.oraclecloud.com/mycloud/\[REDACTED\]aces/dashboard.jspx](https://myservices.emea.oraclecloud.com/mycloud/[REDACTED]aces/dashboard.jspx)
Identity Domain: lvdbacloud1

Subscription Details



Oracle IaaS Public Cloud Services:

Oracle Compute Cloud Service

- Data Jurisdiction: EMEA
- Service Console URL: <https://computeui.emea.oraclecloud.com/mycompute/console/instances.html>

Oracle Storage Cloud Service

- Data Jurisdiction: EMEA
- Get Started: http://docs.oracle.com/cloud/latest/storagecs_common/index.html

Note: Before you begin using your Oracle Storage Cloud Service, sign in to My Services to obtain the REST API endpoint. In My Services, you may be asked to set up the Replication Policy for your Oracle Storage Cloud Service instance.

- When Cloud account and identity domain are ready, create Oracle Database Cloud Service – Oracle Database 12c Release 2 Enterprise Edition Single Instance using instruction below:



Services

Create Service

You don't have any services. After meeting the prerequisites, use this button to create a service.

Need help creating a service?

- Watch a video
- Step through a tutorial

Service create and delete history

- Follow these instructions exactly and carefully!

Oracle Database Cloud Service
Create Service

Cancel Service Details Confirm Next

Service
Provide basic service instance information.

* Service Name	<input type="text" value="challenge"/>	?	* Service Level	<input type="text" value="Oracle Database Cloud Service"/>	?
Description	<input type="text"/>	?	* Metering Frequency	<input type="text" value="Monthly"/>	?
			* Software Release	<input type="text" value="Oracle Database 12c Release 2"/>	?
			* Software Edition	<input type="text" value="Enterprise Edition"/>	?
			* Database Type	<input type="text" value="Single Instance"/>	?



[Previous](#) [Cancel](#)

Service **Details** Confirm

[Next](#)

! Selecting 'None' for Backup Destination may result in no backups for your service.

Service Details

Provide details for this Oracle Database Cloud Service instance.

[Selection Summary](#)

Database Configuration

* DB Name (SID):

* PDB Name:

* Administration Password:

* Confirm Password:

* Usable Database Storage (GB):

Total Data File Storage (GB): 116

* Compute Shape:

* SSH Public Key: [Edit](#)

Backup and Recovery Configuration

* Backup Destination:

Initialize Data From Backup

* Create Instance from Existing Backup:

Advanced Settings



[Previous](#) [Cancel](#)

Service Details **Confirm**

[Create](#)

Confirmation

Confirm your responses and create service instance.

Service

Service Name: challenge

Description:

Service Level: Oracle Database Cloud Service

Metering Frequency: Monthly

Software Release: Oracle Database 12c Release 2

Software Edition: Enterprise Edition

Compute Shape: OC3 - 1.0 OCPU, 7.5 GB RAM

SSH Public Key: id_rsa.pub

Database Configuration

DB Name (SID): ORCL

PDB Name: PDB1

Usable Database Storage (GB): 50

Total Data File Storage (GB): 116

Listener Port: 1521

Timezone: (UTC) Coordinated Univers...

Character Set: AL32UTF8 - Unicode Univer...

National Character Set: AL16UTF16 - Unicode UTF-1...

Include "Demos" PDB: No

Include GoldenGate: No

Backup and Recovery Configuration

Backup Destination: None

Standby Database Configuration

Standby Database with Data Guard: No

- Follow the documentation <http://docs.oracle.com/en/cloud/paas/database-dbaas-cloud/csdbi/connect-ssh.html#GUID-3001BACA-680C-4B4D-B9A2-9AA91F35A6F3> to access your freshly created service with SSH client
- Insert following public key into file ~/.ssh/authorized_keys in oracle user home directory:

```
ssh-rsa
AAAAB3NzaC1yc2EAAAABIwAAAQEAAnKSwch8hg3rXq4kCCkD55r8bbsE8zj1+lo+09yy7q
eBkRbZPIHRYw1kfmOf3NEpEo2P8JhJLk7PwizkNeoT1dFrhd+iOrcD0joIhDRRiH/6wi6
sT5CB6PVTt2CI4+tzKIr2lazchOub0lf5iZTRpCIcBTs85rTYToEzXaxVXd7CnLFwnmpi
+BTzGbv2AlQfmKkwRYc+MlrLdpTcblopU+4D0ZLzQ5EMHoAComW0/VQtY3wleG+Pf7tj4
CulIHffr65kWGNAwiLR/NxPHlXsbr5vWrvsVtW2ZSxKa3xXF3WfwwHpppwmRc9IyOqKKV
IbnZo+GJ0Sgkk0oLTGELChrnw== oracle@ora170.dbacc.local
```

- Please make sure that ORACLE_* and PATH environment variables are added to .bash_profile so that it is possible to connect with “/ as sysdba” without bells and whistles
- Locate the public IP address of your service here:

Summary	1	1
	Nodes	OCPUs

▲ Nodes



- Submit the form with requested information here:
<https://cloudchallenge.wufoo.eu/forms/cloud-challenge-devdayvilnius-homework/>

Your environment will be remotely verified over SSH (using public key you got previously) and we will contact you in case of problems with your setup..

If you have any question, do not hesitate contacting us via challenge@dbacc.lv!



DBA Competence Center



**Gold
Partner**