



# Oracle Cloud Database and IaaS

*Openlab open day*

Katarzyna Dzedziniewicz-Wojcik

21/09/2017

# Agenda

Introduction

PaaS Tests

Oracle Cloud Infrastructure

Database & Exadata

Computing

Outlook

# Introduction

## Database

Move the complete database application stack to Cloud  
Feasibility, Integration, Performance

## Computing

Integrate Physics Analysis using Oracle Cloud Infrastructure  
Feasibility, Integration, Performance



# Database

**ORACLE**  
Bare Metal Cloud Services

TENANCY: cern REGION: us-ashburn

Database

DB Systems

Compartment

cern (root)

\_\_stage

COMPUTING

IT-DB

K8S-DEMO

Tenancy OCID: ocid1.tenancy.oc1..aaaaaaaambrnrzrpyzkhjax

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Launch DB System [help](#) [cancel](#)

If the Virtual Cloud Network or Subnet is in a different Compartment than the DB System, [click here](#) to enable Compartment selection for those resources.

### DB System Information

DISPLAY NAME  
CERNEXA1

AVAILABILITY DOMAIN  
aMLs:US-ASHBURN-AD-3

SHAPE  
Exadata.Quarter1.84

TOTAL NODE COUNT  
2

ORACLE DATABASE SOFTWARE EDITION  
Enterprise Edition Extreme Performance

CLUSTER NAME (Optional)  
CERNEXA1

CPU CORE COUNT  
22  
The number of CPU cores to enable on the DB System. Specify a multiple of 2, up to 84.

SSH PUBLIC KEY

CHOOSE SSH KEY FILES

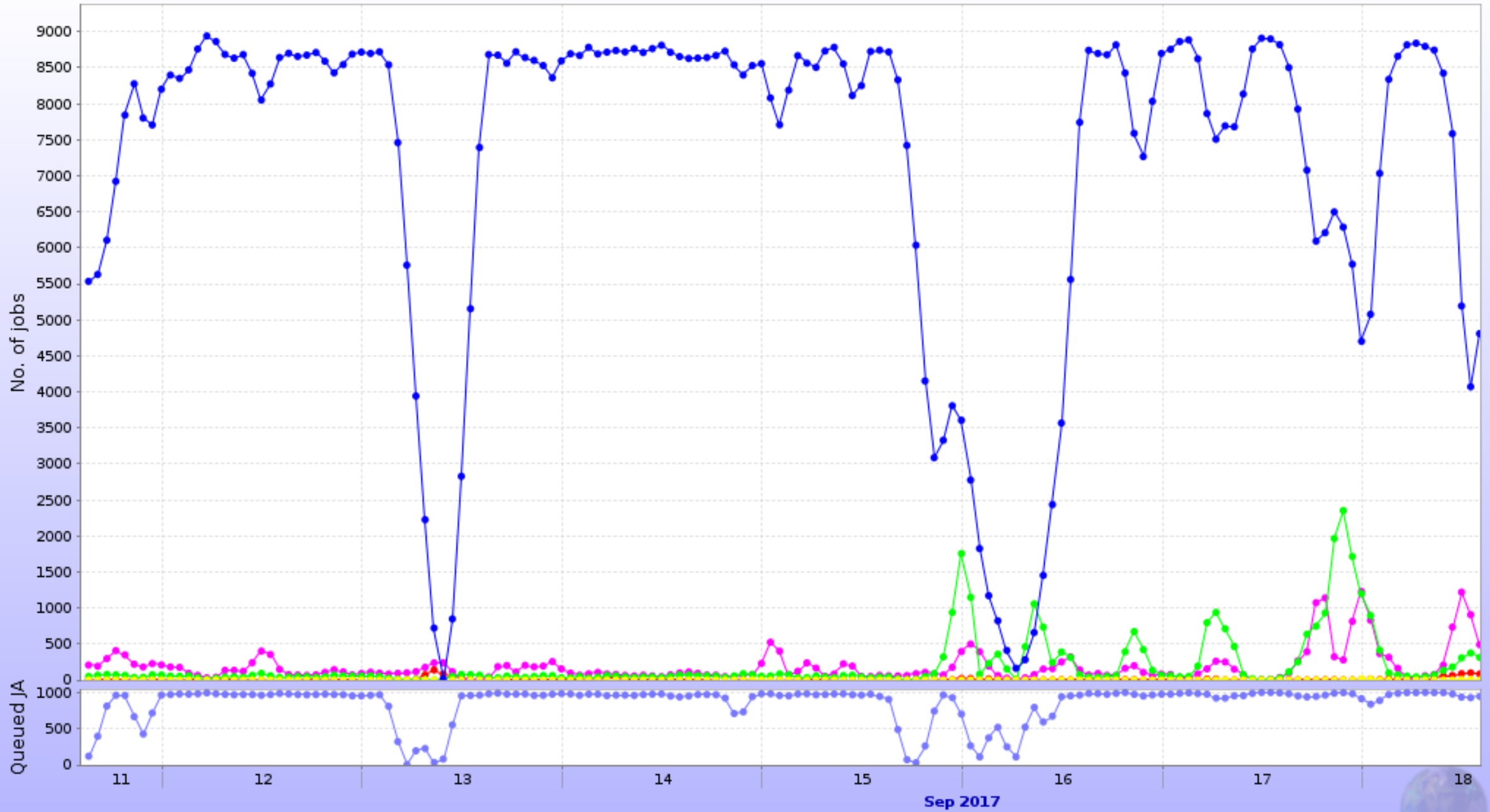
PASTE SSH KEYS

```
/OylhIBjGEH9wjx1F16ee9w01Y8RrSv0J8kWfDN48hVEpbG1RR1DX0JuY1DmvRSzB1aLeOsHz  
kA3D8Qri3VnIJAH3/8N1d0bCQmwIhT4oqH8mDyM32zuKh3UN9EAaJfpaEqUjfcCTCpkJ  
/jW8GJQiaSqJwvbqAXb+pNY2Wm/
```

Displaying 1 DB Systems

Launched: Fri, 01 Sep 2017 12:39:41 GMT

# Active jobs in Phoenix



● RUNNING ● ASSIGNED ● STARTED ● SAVING ● ZOMBIE ● Queued JA



# Outlook

## Database in OCI

- Test disaster recovery

- Try new Oracle Database features

- Asses production DR site

## Computing

- Test all experiment's workload

- Test new, X7 bare-metal hosts



# QUESTIONS?

*Katarzyna.Maria.Dziedziniewicz@cern.ch*

# CONTACTS

## **ALBERTO DI MEGLIO**

CERN openlab Head  
[alberto.di.meglio@cern.ch](mailto:alberto.di.meglio@cern.ch)

## **MARIA GIRONE**

CERN openlab CTO  
[maria.girone@cern.ch](mailto:maria.girone@cern.ch)

## **FONS RADEMAKERS**

CERN openlab CRO  
[fons.rademakers@cern.ch](mailto:fons.rademakers@cern.ch)

## **ANDREW PURCELL**

CERN openlab Communications Officer  
[andrew.purcell@cern.ch](mailto:andrew.purcell@cern.ch)

## **KRISTINA GUNNE**

CERN openlab Administration/Finance Officer  
[kristina.gunne@cern.ch](mailto:kristina.gunne@cern.ch)



[www.cern.ch/openlab](http://www.cern.ch/openlab)