

## Australia Partner Integrated Cloud Hackathon Oracle Sydney Office 30 Nov-1 Dec 2016

Tips and references to prepare for the hackathon

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## Introduction

The Partner Integrated Cloud Hackathon is almost here! All of the mentors and organizers are looking forward to welcoming you in the Oracle Sydney Office for a 2 day Integrated Cloud Hackathon from 30 November – 01 December 2016.

### Objective

This technical challenge will consist of integrating at least three Oracle Cloud Services. But, our real goal is to have you walk away from the hackathon confident in integrating multiple Oracle Cloud Services. To do so, we're going to make it fun. We'll provide a selection of devices that you can use (e.g.; Raspberry Pi's, sensors, drones, Anki cars, ESP chips, robotic arms, Spheros, etc.), or you're welcome to bring your own.

### The Challenge

You MUST integrate at least three of the Cloud Services we provide. You MAY use more, or integrate other technologies into your solution. You can probably expect bonus points for doing so. Given that a hackathon is a contest, we will be judging you on how well you have executed and demonstrated your solution. Feel free to come up with a crazy use case, but be prepared to sell it and prove it works.

## Cloud Services Supported


We will provide a variety of PaaS Services and several SaaS services to integrate. The services supported for this hackathon are:

- Internet of Things (IoT) Cloud Service (CS)
- Mobile CS
- Process CS
- Database CS
- Business Intelligence CS
- Document CS
- Data Visualization CS
- Integrated CS
- API CS
- Sites CS
- HCM CS
- Sales CS
- Application Container CS

### Actions Needed:

1. Ensure you have access to Oracle Demos: <http://www.oracle.com/partners/en/partner-with-oracle/get-started/register-for-access/index.html>

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*2. Let us know which Cloud Services you're planning to integrate. We won't hold you to it, but it will help us in assigning you a mentor or two.*

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#### Demo Toys

We're hoping you can come up with some fun demos using the Cloud Services, so we'll be bringing a small selection of toys and gadgets you can leverage, including Anki cars, Amazon Dots, drones, Leap Motion, Spheros, a Mip Wowee, beacons, Raspberry Pi's and some sensors. You're welcome to bring your own, too!

#### Oracle Mentors

We have many mentors that are committed to helping your teams be successful in integrating Cloud Services. They come from Sales Consulting, Solution Consulting and Development, and are all active hackers in their own right. As we get closer to the date of the hackathon, we'll be assigning a mentor or two to your team.

#### Prep Work

We encourage you to do some exploring on your own. If you currently have access to Cloud Services, try your own integration project in advance of the hackathon. Please take some time to read up on the existing documentation.

## References

#### General References

- » [Info Session #1 Recording](#)
- » [Anki Car Inspiration](#)
- » [Oracle Learning Library](#)
- » [Oracle Help Center](#)

#### Database Cloud Service

- » **Overview video** <https://www.youtube.com/watch?v=6NUeq6vIvEs>
- » <https://cloud.oracle.com/database>
- » <https://apex.oracle.com/community>
- » <https://otn.oracle.com/apex>
- » <http://tiny.cc/OrclApexYouTube>
- » <https://apex.world/>
- » <https://twitter.com/hashtag/orclapex>

#### Mobile Cloud Service

- » **YouTube Channel** <http://bit.ly/OracleMobileYouTube>
- » **End to End Demo** <http://bit.ly/OracleMobileEndToEndDemo>

- » Documentation <http://bit.ly/OracleMobileDocs>

#### Internet of Things Cloud Service

- » Overview video <https://youtu.be/Ba-nSVr62DU>
- » Oracle IoT YouTube channel: <https://www.youtube.com/channel/UCs5bJp8tdjHCrJovwadccA>
- » Documentation [https://cloud.oracle.com/en\\_US/opc/iot/videos](https://cloud.oracle.com/en_US/opc/iot/videos)

#### Business Intelligence and Data Visualization Cloud Services

- » Documentation
  - BI Cloud Service [https://cloud.oracle.com/en\\_US/opc/business-intelligence](https://cloud.oracle.com/en_US/opc/business-intelligence)
- » DV Cloud Service [https://cloud.oracle.com/en\\_US/data\\_visualization](https://cloud.oracle.com/en_US/data_visualization)
- » DV Desktop
  - OTN Community Forum - [external](#)
- » Demos
  - Available in the [Demo Store](#)
  - Check [YouTube](#)
  - [Image gallery](#)

#### Document and Sites Cloud Services

- » Example: <https://sites.oracle.com/oowdx/>
- » <https://apicatalog.oraclecloud.com/ui/views/apicollection/oracle-public/docs/1.1>
- » [Oracle Help Center](#) – navigate to:
- » Cloud > Platform
- » <https://blogs.oracle.com/webcenter/tags/sites>
- » <https://blogs.oracle.com/OracleCloud4Developers/en/category/Documents+Cloud+Service>

#### Integration Cloud Service

- » [oracle.com/cloud](http://oracle.com/cloud)
- » [cloud.oracle.com/tryit](http://cloud.oracle.com/tryit)
- » [github.com/barackd222](https://github.com/barackd222)
- » [blogs.solutionsanz.com](http://blogs.solutionsanz.com)
- » LinkedIn – Digital Impact Conversation
- » SoundCloud - Digital Impact Radio

#### Application Container Cloud Service

- » [https://cloud.oracle.com/en\\_US/acc](https://cloud.oracle.com/en_US/acc)
- » [http://docs.oracle.com/cloud/latest/apaas\\_gs/index.html](http://docs.oracle.com/cloud/latest/apaas_gs/index.html)



## Elevator Pitch

As a final word, I'll recommend that your team get together in advance and create an "elevator pitch", or a succinct statement of what you're planning to do in the hackathon. We only have about a day and half to create a solution, so advance scoping is important. If, after doing more investigation, you decide to tweak it, no worries. The value is in creating it. Elevator pitches serve multiple purposes.

- » **Scoping.** There is huge value in being able to succinctly articulate what you're doing, who you're doing it for, and the value it brings. A decent rule of thumb is that if you can't say it in 30 seconds or less, the scope is too big or the value is unclear.
- » **Team organization.** As teams get together to define the scope of what they're going to design or build in advance of your innovation event, the act of defining an elevator pitch is very effective in getting teams to move forward together in creating their vision.
- » **Mentor assignment and judge communication.** Knowing what teams are planning to build helps to assign mentors best skilled at helping the teams, and allows judges to understand in advance what questions they may want to ask teams during their pitches.

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### Tip

*If, after doing more research, you decide to change your elevator pitch, no worries. The real value is in the process of creating it.*

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Hackathon Schedule

HACKATHON SCHEDULE (2 DAY)

DAY 1	Time	Topic	DAY 2	Time	Topic
30 Nov	(PST)		01 Dec	(PST)	
	08:30 AM	Doors Open		08:30 AM	Doors Open
	09:00 AM	Hackathon kick-off		09:00 AM	Brief kick-off
	10:00 AM	Hackathon begins		02:00 PM	Code Freeze! Teams must submit their completed project to be eligible for prizes. You will have 60 minutes to work on presentations.
	12:00 PM	Lunch		03:00 PM	Pitch entries in 3 minutes. Answer questions from judges for another 2 min
		Continue working until likely very late Zzz		05:00 PM	Presentations end and voting begins. Reception for participants while the judges confer.
				05:30 PM	Winners Announced





## Stay in Touch

If you have any questions about the hackathon, please contact the following people:

### In Australia

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Integrated Cloud Applications & Platform Services

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