



# Oracle HCM Cloud Adapter

Click Through Presentation

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# ORACLE INTEGRATION CLOUD (OIC) FOR ORACLE HCM CLOUD



## Key Connectivity Capabilities

Direction	Category	HCM Cloud Mechanism	Connectivity through OIC
Invoke (ICS -> HCM)	Real-Time API	REST APIs	◆ Through HCM Cloud Adapter
		SOAP APIs	◆ Not recommended. Deprecated by HCM Cloud
	Bulk Data / Batch Operations	Bulk Data Extract	◆ Through HCM Cloud Adapter
		HCM Data Load (HDL)	◆ Through HCM Cloud and SOAP adapters
Trigger (HCM->ICS)	Events (Pull Model)	ATOM Feeds	◆ Through HCM Cloud Adapter



## Common Integration Use Cases

- New Employee Onboarding
- Integrate with 3<sup>rd</sup> party Benefits Providers such as health insurance providers
- Extract employee data monthly from HCM Cloud for payroll

# Oracle HCM Cloud Adapter


## Connection Overview

# Search and Select HCM Cloud Adapter

### Create connection ?


Select the adapter to use for this connection

Oracle recommends creating integrations in a **project** for better manageability and easier observability. ?

 Oracle HCM Cloud

# Give Meaningful Name to Connection

## Create connection

 Oracle HCM Cloud adapter

Name  
Oracle HCM ConnectionDev18

Identifier  
ORACLE\_HCM\_CONNECTION

Role  
Trigger and invoke ▼

Keywords

Description

# Provide Oracle HCM Cloud Host and Security, Test & Save

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Oracle HCM ConnectionDev18

TestSave

Configured	Role	Identifier	Updated on	Used in
	Trigger and invoke	ORACLE_HCM_CONNECTION	Jul 22, 2024, 05:24:41 PM CEST	0 integrations

Properties

HCM Cloud Host  
https://f0...-fa.oraclepdemos.com

Security

Security policy  
Username Password Token

Username  
Integration.Serviceuser

Password  
.....

Access type

☒ Public gateway  
Connect to endpoints using the internet.

☐ Private endpoint  
Connect to endpoints using your private network.

Configuration progress

100 %

✓ Create connection

✓ Configure connection properties

✓ Select a security policy and enter credentials

✓ Test connection

[hcm-adapter/create-connection](#)

# Oracle HCM Cloud Adapter

## Business Operations Overview



# Name Your Invoke

ORACLE

< pob-REST-getEmployeesHCMWrapper\_1Etis\_1725974311 1.0.1 Draft

Share Save

Invoke

getEmployees

Map

ExposesAndWrapsHC...

Invoke

Oracle HCM Cloud1

+

-

...

>>

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Configure Basic Info

Oracle HCM Cloud invoke

What do you want to call your endpoint?  
queryContacts

What does this endpoint do?  
queries Contacts

Cancel

Continue

# Select 1<sup>st</sup> Action (Query, Subscribe, Import or Extract ...)

The screenshot displays the Oracle Cloud Infrastructure console interface. At the top, the Oracle logo is visible on the left, and navigation icons are on the right. The breadcrumb trail shows the path: < pob-REST-getEmployeesHCMWrapper\_1Etis\_1725974311. The status bar indicates "1.01 Draft - Unsaved changes" and includes "Share" and "Save" buttons. Below the breadcrumb, a toolbar contains various icons for editing the workflow. The main workspace shows a vertical sequence of five steps in a workflow:

- Trigger**: ExposesAndWrapsHC...
- Map**: getEmployees
- Invoke**: getEmployees
- Map**: ExposesAndWrapsHC...
- Invoke**: Oracle HCM Cloud1

The final "Invoke" step is highlighted with a dashed border. To the right of the workflow, a "Configure Actions" panel is open, titled "Configure Actions" with the subtitle "Oracle HCM Cloud invoke". It asks, "What would you like to do with Oracle HCM Cloud Adapter?" and provides five radio button options:

- ☒ Query, Create, Update or Delete Information
- ☐ Subscribe to Updates (via ATOM Feed)
- ☐ Import Bulk Data using HCM Data Loader (HDL)
- ☐ Receive Files from HCM Cloud
- ☐ Send Files to HCM Cloud

At the bottom of the panel are "Cancel", "Go back", and "Continue" buttons. In the bottom left corner of the console, there is a red Oracle logo. A red speech bubble icon is located at the bottom right of the workflow steps.

# Select Integration on Business Object/Service API/business Object API – Operation type

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pob-REST-getEmployeesHCMWrapper\_1Etis\_1725974311 1.01 Draft - Unsaved changes

Share Save

Configure Operations  
Oracle HCM Cloud invoke

Browse by  
Business Objects

- Business Objects
- Services
- Business (REST) Resources
- Account : AccountService
- Account : AddressService
- Account : CustomerClassificationService
- Account : RelationshipService
- AccountPlan
- AccountPlan\_Account
- AccountPlan\_Context

Trigger  
ExposesAndWrapsHC...

Map  
getEmployees

Invoke  
getEmployees

Map  
ExposesAndWrapsHC...

Invoke  
Oracle HCM Cloud1

Cancel Go back Continue

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# Select Application if Business (REST) Resources

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< pob-REST-getEmployeesHCMWrapper\_1Etis\_1725974311 1.0.1 Draft - Unsaved changes

Share Save

Trigger  
ExposesAndWrapsHC...

Map  
getEmployees

Invoke  
getEmployees

Map  
ExposesAndWrapsHC...

Invoke  
Oracle HCM Cloud!

**Configure Operations**  
Oracle HCM Cloud invoke

Browse by  
Business (REST) Resources

Select a Service Application  
crmRestApp

- crmRestApp
- fscmRestApp
- hcmRestApp

Custom Work Orders

- SvcWorkOrderLinks
- UniversalWorkObjects
- WorkSkillConfigKeys
- WorkZoneConfigKeys

Cancel Go back Continue

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# Select The Operation on a Service

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< pob-REST-getEmployeesHCMWrapper\_1Etis\_1725974311 1.01 Draft

Share Save

Invoke

getEmployees

Map

ExposesAndWrapsHC...

Invoke

Oracle HCM Cloud1

↺

createContact

deleteContact

findContact

getContact

getDfltObjAttrHints

getEntityList

getServiceLastUpdateTime

mergeContact

Select the Operation to Perform on the Business Object/Resource or Service

createContact

Lifecycle:

Active

Description

Name : CRM : Trading Community Model : Contact Description : A service for creating, updating, retrieving and deleting contacts. A contact could be either a byuing customer in a B2C scenario or contact of an account in a B2B scenario. A contact could also be a member of a household or a standalone contact defined within the application.Almost all frequently used operations involving a contact excluding relationships and additional address would be covered by this service. This service would also not cover other child objects such as additional names and indentifiers, contact preferences and multiple instances of other child objects such as classification, phone, fax, email, etc.. ? Sales Cloud Address: Service to add additional address to an existing contact ? Sales Cloud

Cancel

Go back

Continue

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# Check the Summary

ORACLE

< pob-REST-getEmployeesHCMWrapper\_1Etis\_1725974311 1.0.1 Draft

Share Save

Invoke  
getEmployees

Map  
ExposesAndWrapsHC...

Invoke  
Oracle HCM Cloud1

↺

+

-

...

>>

Cancel

Go back

Finish

Summary

Oracle HCM Cloud invoke

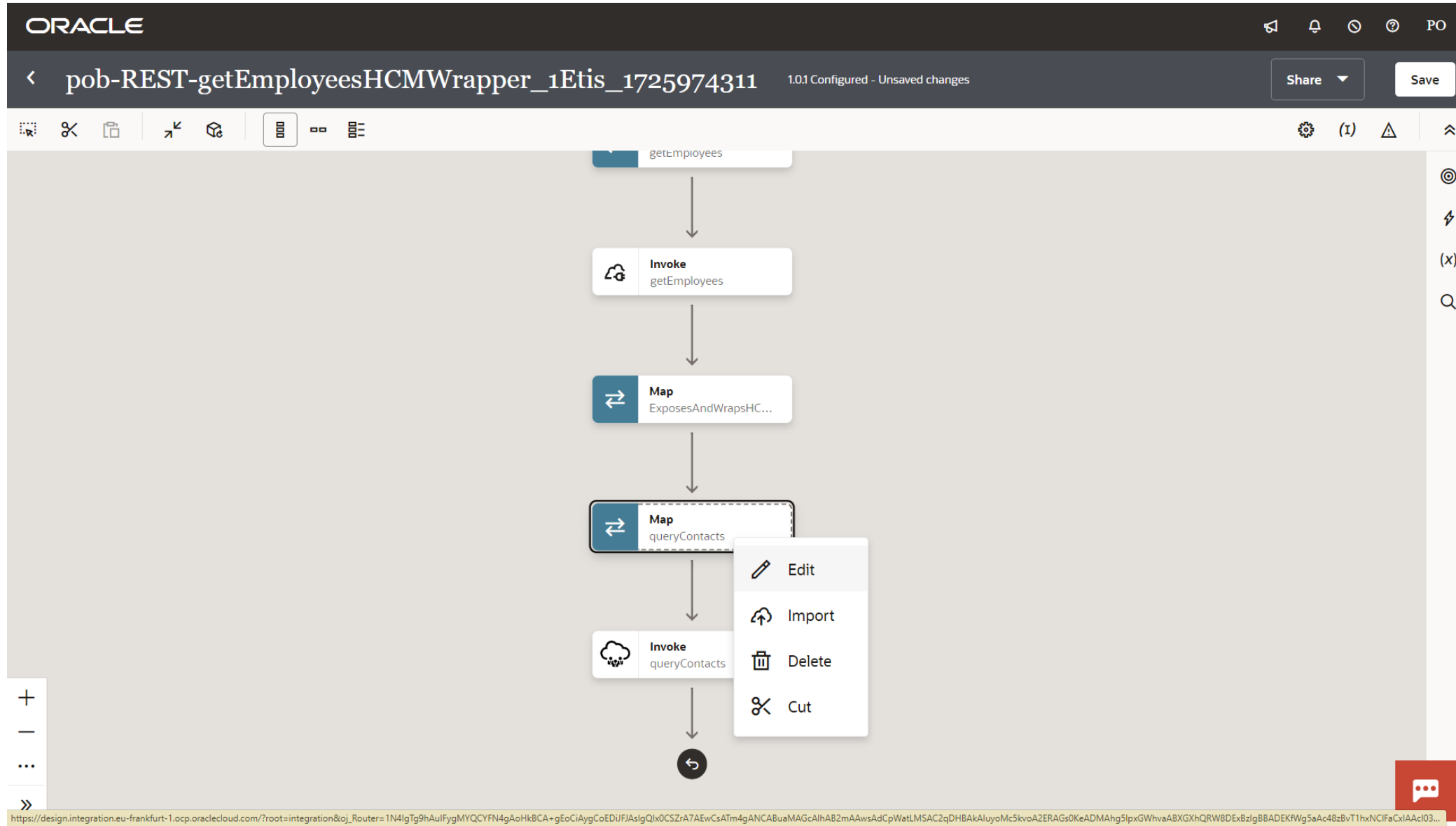
queryContacts

Description  
queries Contacts

Business Object  
ContactService

Operation  
findContact

# Continue with the 'query' mapping




# Oracle HCM Cloud Adapter

Subscribe to ATOM Feeds



# Name Your Invoke

 **Configure Basic Info**  
Oracle HCM Cloud invoke


What do you want to call your endpoint?

GetAtomFeeds-UpdatedEmployees

What does this endpoint do?

GetAtomFeeds-UpdatedEmployees


# Select 2<sup>nd</sup> Action (from Query, Subscribe, Import or Extract ...)

 **Configure Actions**  
Oracle HCM Cloud invoke

What would you like to do with Oracle HCM Cloud Adapter?

- ☐ Query, Create, Update or Delete Information
- ☒ Subscribe to Updates (via ATOM Feed)
- ☐ Import Bulk Data using HCM Data Loader (HDL)
- ☐ Receive Files from HCM Cloud
- ☐ Send Files to HCM Cloud

# Select Integration Entity/Operation/Object type

 **Configure Operations**  
Oracle HCM Cloud invoke

Select an Atom Feed

Employee Assignment

Employee New Hire

Employee Termination

**Employee Update**

Employee Work Relationship Cancellation

Employee Work Relationship Update

[Learn more about HCM Cloud ATOM feeds](#)

☐ Include Business Object in ATOM feeds

You do not have permission to access business object [Workers] associated with feed [Employee Update]. Please check with your HCM Administrator for roles and privileges.

Max entries to process

10


☐ Process Future Dated Entries Immediately

Cancel

Go back

Continue

# Save Endpoint

 **Summary**  
Oracle HCM Cloud invoke

GetAtomFeeds-UpdatedEmployees

Description

GetAtomFeeds-UpdatedEmployees

Subscribed Feed:

Employee Update

Maximum entries set to be processed:

10

Include Business Object in ATOM feeds:

No

Process future dated entries immediately:

No

Cancel

Go back

Finish

# GEN3 – What Is New in Details



## [Using the Oracle HCM Cloud Adapter with Oracle Integration 3](#)

### **New Features Every Release**

- [What's New for Oracle Integration 3](#)

### **PM blogs**

- [OIC PM Oracle Blog- Niall Commiskey](#)
- [OIC PM's – How To's](#)

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