

Use Cases | Extract Bulk Data from ERP Cloud _Async

This document describes use cases for an integration flow where a report from Oracle ERP Cloud is exported to Oracle Integration Cloud and from there it is uploaded to an FTP server.

This flow is a combination of scheduled and application driven orchestrations.

Use case no.1: Export data from ERP Cloud

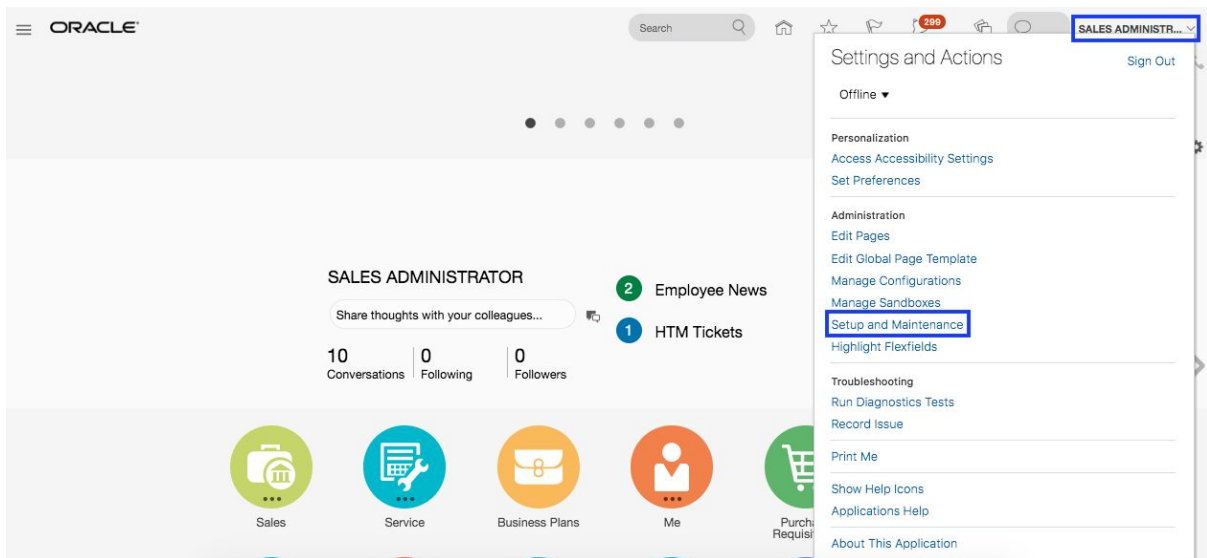
ERP Cloud side

- A user logs in ERP Cloud using a valid user name and password.
- She/he finds the Report.

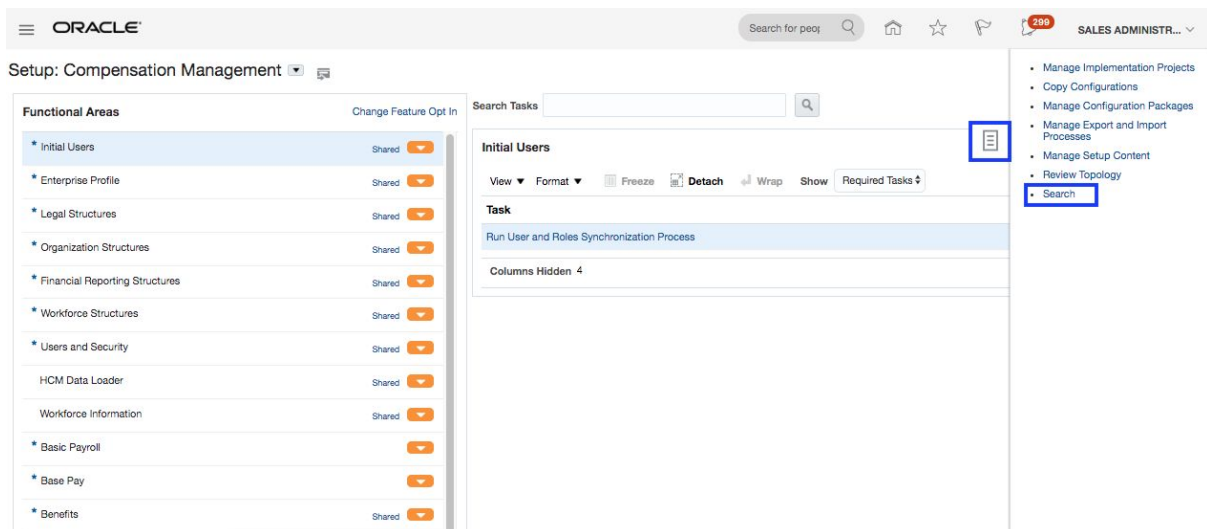
[illegible]

- Copies a path to the file.

- Goes to **Settings and Actions** and clicks on **Setup and Maintenance**.



- Clicks on the **Tasks** icon and selects **Search**.



- Inserts **Enterprise Scheduler Job** in a search field and clicks on the magnifying glass.

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Search for people

299

SALES ADMINISTR...

Search

Enterprise Scheduler Job

Match With Tasks, Task Lists, Business Objects

Name	Type	Details
No search conducted.		

- Selects **Define Enterprise Scheduler Job Definitions and Job Sets for Financials**.

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SALES ADMINISTR...

Search

Enterprise Scheduler Job

Match With Tasks, Task Lists, Business Objects

Name	Type	Details
Define Custom Enterprise Scheduler Jobs for Compensation Management	Task List	Task Count: 1
Define Custom Enterprise Scheduler Jobs for Customer Data Management	Task List	Task Count: 1
Define Custom Enterprise Scheduler Jobs for Enterprise Contracts	Task List	Task Count: 2
Define Custom Enterprise Scheduler Jobs for Incentive Compensation	Task List	Task Count: 1
Define Custom Enterprise Scheduler Jobs for Marketing	Task List	Task Count: 1
Define Custom Enterprise Scheduler Jobs for Sales	Task List	Task Count: 1
Define Enterprise Scheduler Job Definitions and Job Sets	Task List	Task Count: 3
Define Enterprise Scheduler Job Definitions and Job Sets for Financials	Task List	Task Count: 1
Define Enterprise Scheduler Job Definitions and Job Sets for Fusion Accounting Hub	Task List	Task Count: 1
Define Enterprise Scheduler Jobs for Materials Management and Logistics	Task List	Task Count: 0

- Clicks on **Manage Enterprise Scheduler Job Definitions and Job Sets for Financial, Supply Chain Management, and Related Applications**.

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Task List: Define Enterprise Scheduler Job Definitions and Job Sets for Financials

Task

Manage Enterprise Scheduler Job Definitions and Job Sets for Financial, Supply Chain Management, and Related Applications

Scope

- Inserts **BIP** in a search field and clicks **Enter**.

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SALES ADMINISTRATOR

Manage Enterprise Scheduler Job Definitions and Job Sets for Financial, Supply Chain Management, and Related Applications

Manage Job DefinitionsManage List of Values SourcesManage Job Sets

ActionsView+Detach

BIP

Name	Display Name
*BulkImportJob	Import Trading Community Data in Bulk
*ContractsARFetchJob	Fetch Service Contract Invoice Information from Receivables
*ContractsBillingJob	Send Service Contract Billing Information to Receivables
*ContractsBulkImportProcess_CONTRACT_HEADERS_IMPORT	Import Contract from External Systems
*ContractsBulkImportProcess_CONTRACT_HEADERS_POST_IMPORT	Purge Contract Import Interface Tables
*ContractsDefaultCoverageImportJob	Import Default Coverage
*ContractsManageConsolidateReminderEventMainJob	Process Contracts Consolidated Reminder Events
*ContractsManageConsolidateReminderEventSubJob	Process Contracts Consolidated Reminder Events
*ContractsManageEventMainJob	Process Contracts Event Notifications
*ContractsManageEventSubJob	Process Contracts Event Notifications
*ContractsRenewalsMainJob	Automatically Renew Eligible Contracts and Contract Lines

- Selects on a **BIPReportToCloud** and clicks on the **Edit** icon.

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SALES ADMINISTRATOR

Manage Enterprise Scheduler Job Definitions and Job Sets for Financial, Supply Chain Management, and Related Applications

Manage Job DefinitionsManage List of Values SourcesManage Job Sets

ActionsView+Detach

BIP

Name	Display Name
*BIPDelivery	Archive Integration with BI Publisher
BIPDemoReport	BIPDemoReport
BIPDemoReport2	BIPDemoReport2
BIPImportJournalV1	BIPImportJournalV1
BIPReportToCloud	BIPReportToCloud
BIPReportToFTP	BIPReportToFTP

- Inserts a path to the file in the **Report ID** field and clicks **Save and Close**.

Manage Enterprise Scheduler Job Definitions and Job Sets for Financial, Supply Chain Management, and Related Applications

Manage Job Definitions Manage List of Values Sources Manage Job Sets

Edit Job Definition Save and Close Cancel

Job Definition | Show More

* Display Name BIPReportToCloud

Name BIPReportToCloud

Path /bip2c/

Application

Description

Retries

Job Category

Timeout Period

* Job Application Name fscmEss

☐ Enable submission from Enterprise Manager

Job Type BIPJobType

Bursting report

Class Name oracle.xdo.service.client.scheduler.BIPJobExecutable

Default Output Format XML

* Report ID Custom/Notovo/Large+ds

Priority

Allow Multiple Pending Submissions False

☒ Enable submission from Scheduled Processes

BIPReportToCloud: Parameters User Properties

Actions View + - Detach

Parameter Prompt	Data Type	Page Element	Default Value	Read Only	Required
No data to display.					

OIC side

- A user **logs** in Oracle OIC using a valid user name and password.
- At first, she/he selects the integration flow called **Extract Bulk Data from ERP Cloud-BusinessEvent (1.0)** and then selects **Activate** from the menu bar on the right hand side - the on/off icon will go green when activated.

Designer ORACLE Integration

Integrations Import Create

Jun 3, 2019 9:26:53 PM UTC Extract Bulk Data from EF Last Updated

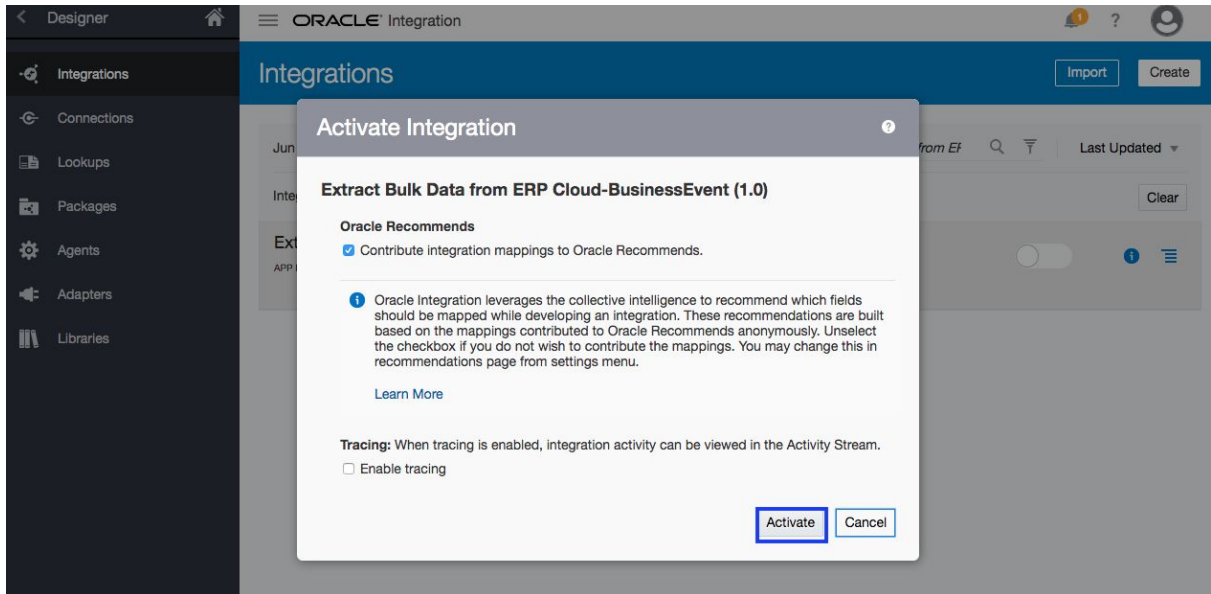
Integration Name contains Extract Bulk Data from ERP Cloud-BusinessEvent Clear

Extract Bulk Data from ERP Cloud-BusinessEv

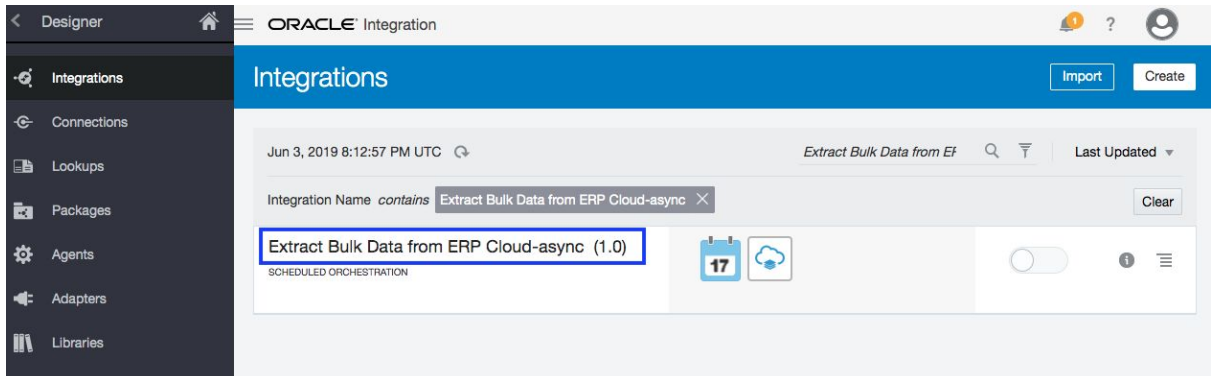
APP DRIVEN ORCHESTRATION

View Edit Clone Create Version Export Download Artifacts Delete **Activate**

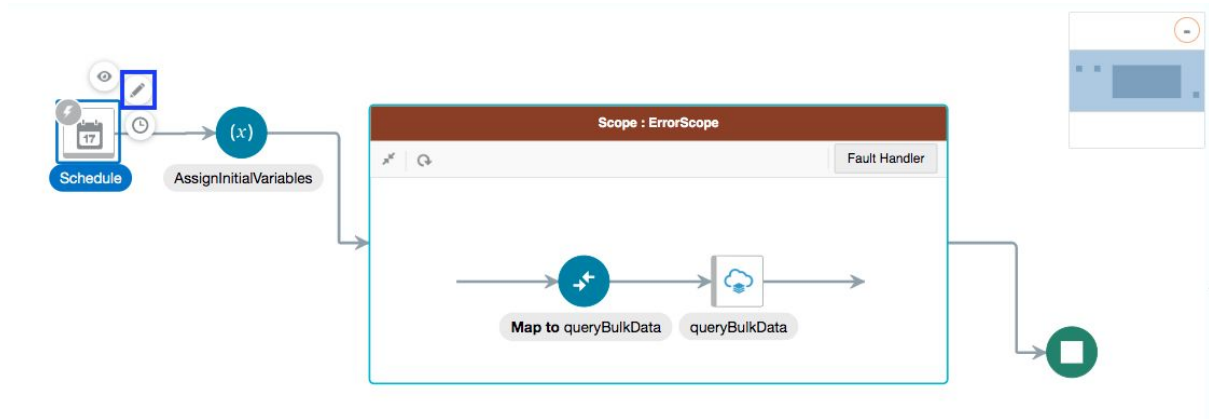
- Chooses to “**Activate**”.



- Next, she/he opens the integration flow **Extract Bulk Data from ERP Cloud-Async (1.0)** by clicking on the integration name.



- Clicks on **Edit** in the Schedule component.



- In the Schedule Parameters page clicks on the row “**EmailToInCaseOfFault**” and inserts their **emailTo**.

Schedule Parameters
Extract Bulk Data from ERP Cloud-async (1.0)
Close

Schedule Parameters

Scheduled parameters are available across all scheduled runs of an integration and can be used to facilitate processing of data from one run to the next. For example, when performing batch processing a schedule parameter can be used to track the current position of batched data between runs.

Add at least one named variable. (Maximum 5 variables can be added.)

Parameter Name	Description	Value
EmailToInCaseOfFault	Email of administrator who will be notified in case of integration failu	<input type="text" value="your email to"/>
ErpScheduledJobName	Scheduled Job name in ERP cloud	*oracle/apps/ess/custom/bip2c,BIPReportToCloud
ParametersForScheduledJob	Parameters to be passed to scheduled job in ERP, should be comm	"default value 1, default value 2"

- Clicks on the row “**ErpScheduledJobName**” and inserts *oracle/apps/ess/custom/their path to integration/their Job name*.

Schedule Parameters
Extract Bulk Data from ERP Cloud-async (1.0)
Close

Schedule Parameters

Scheduled parameters are available across all scheduled runs of an integration and can be used to facilitate processing of data from one run to the next. For example, when performing batch processing a schedule parameter can be used to track the current position of batched data between runs.

Add at least one named variable. (Maximum 5 variables can be added.)

Parameter Name	Description	Value
EmailToInCaseOfFault	Email of administrator who will be notified in case of integration failu	"your email to"
ErpScheduledJobName	Scheduled Job name in ERP cloud	"oracle/apps/ess/custom/bip2c,BIPReportToCloud"
ParametersForScheduledJob	Parameters to be passed to scheduled job in ERP, should be comm	"default value 1, default value 2"

- Clicks on the row **"ParametersForScheduledJob"** and inserts the **parameters for scheduler Job**.

Schedule Parameters
Extract Bulk Data from ERP Cloud-async (1.0)
Close

Schedule Parameters

Scheduled parameters are available across all scheduled runs of an integration and can be used to facilitate processing of data from one run to the next. For example, when performing batch processing a schedule parameter can be used to track the current position of batched data between runs.

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Parameter Name	Description	Value
EmailToInCaseOfFault	Email of administrator who will be notified in case of integration failu	"your email to"
ErpScheduledJobName	Scheduled Job name in ERP cloud	"oracle/apps/ess/custom/bip2c,BIPReportToCloud"
ParametersForScheduledJob	Parameters to be passed to scheduled job in ERP, should be comm	"default value 1, default value 2"

- Clicks **Close**.

ORACLE[®] Integration

Schedule Parameters

Extract Bulk Data from ERP Cloud-async (1.0)

Close

Schedule Parameters

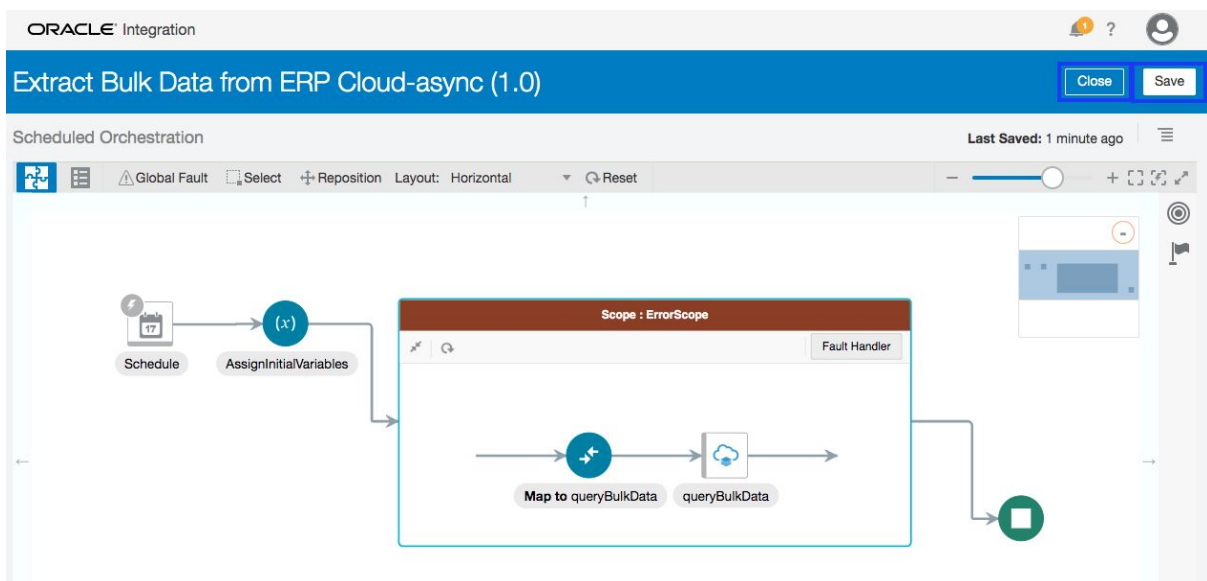
Scheduled parameters are available across all scheduled runs of an integration and can be used to facilitate processing of data from one run to the next. For example, when performing batch processing a schedule parameter can be used to track the current position of batched data between runs.

Add at least one named variable. (Maximum 5 variables can be added.)

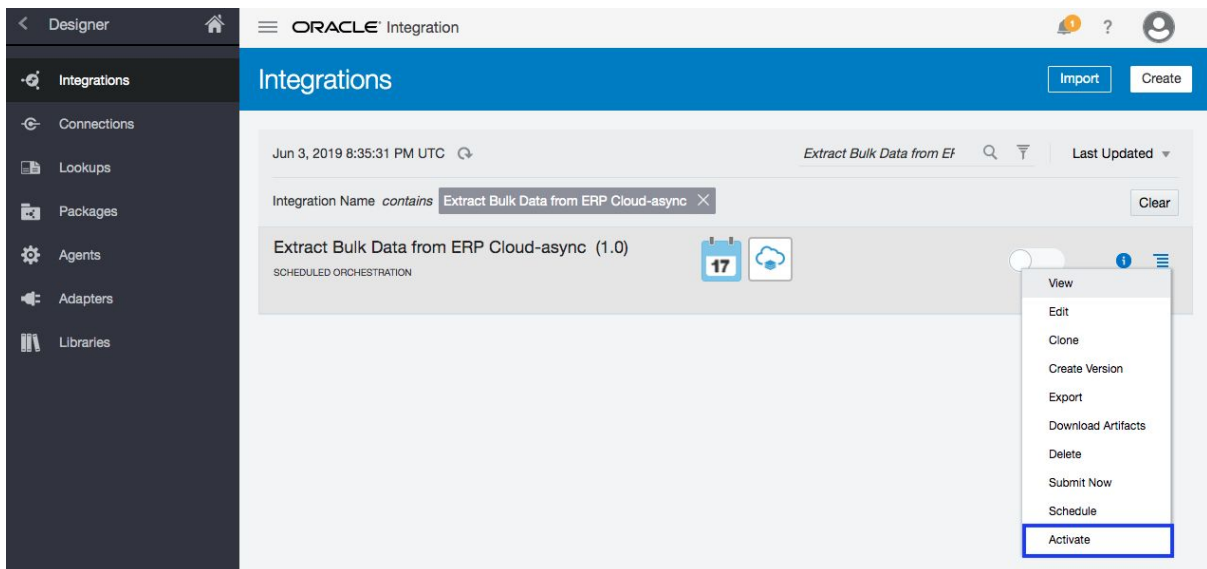
Parameter Name	Description	Value
EmailToInCaseOfFault	Email of administrator who will be notified in case of integration failure	"your email to"
ErpScheduledJobName	Scheduled Job name in ERP cloud	"oracle/apps/ess/custom/bip2c,BIPReportToCloud"
ParametersForScheduledJob	Parameters to be passed to scheduled job in ERP, should be comma	"default value 1, default value 2"

+

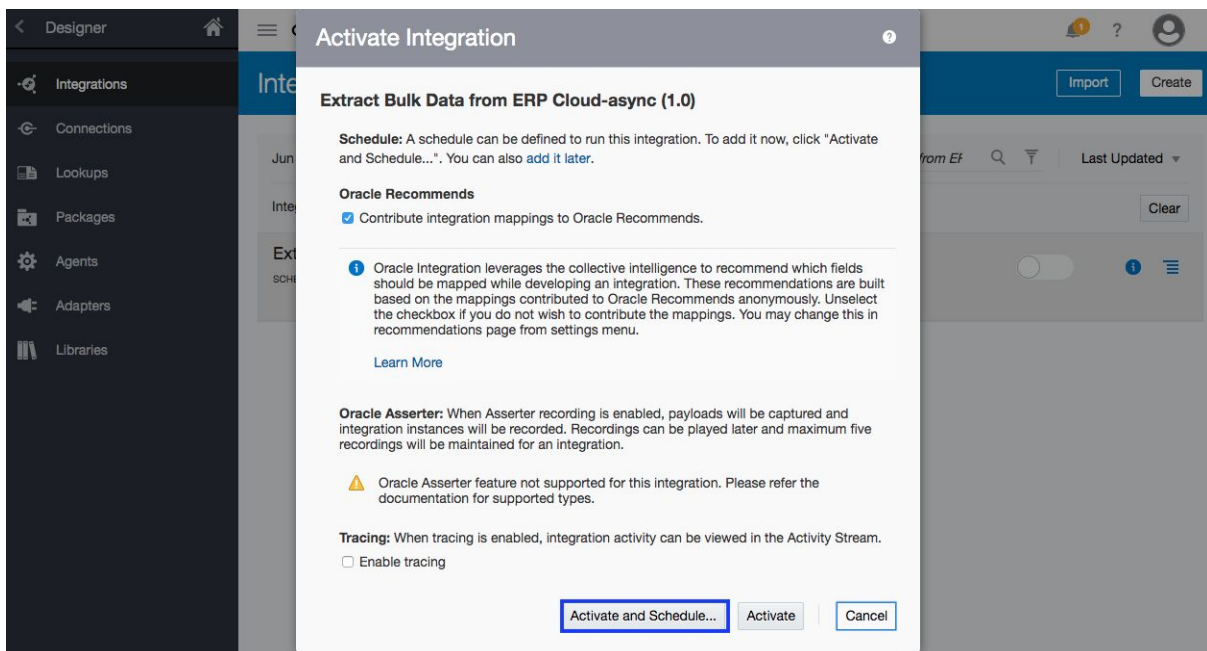
- Clicks **Save** and **Close**.



- Selects the integration flow and then selects **Activate** from the menu bar on the right hand side - the on/off icon will go green when activated.



- Chooses to “**Activate and Schedule**” or “**Activate**” and add the Schedule later. For the purpose of this use case she/he will select “**Activate and Schedule**”.



- The Orchestration is activated and she/he can select the **frequency**.

ORACLE Integration 🔔 ? 👤

Run EXTR_BULK_DATA_FROM_ERP_CLOU_LAR_01_00_0000 Close Save

Schedule for "Extract Bulk Data from ERP Cloud-async (1.0)" ☰

Type

☒ Basic ☐ Advanced

Frequency Only Once ▾

This schedule runs:

today at 6:28 PM

Time zone: Coordinated Universal Time

You must start up the schedule for these settings to take effect

Hours and Minutes
Days
Weeks
Months

- Clicks **Save** and **Close**.

ORACLE Integration 🔔 ? 👤

Run EXTR_BULK_DATA_FROM_ERP_CLOU_LAR_01_00_0000 Close Save

Schedule for "Extract Bulk Data from ERP Cloud-async (1.0)" ☰

Type

☒ Basic ☐ Advanced

Frequency Only Once ▾

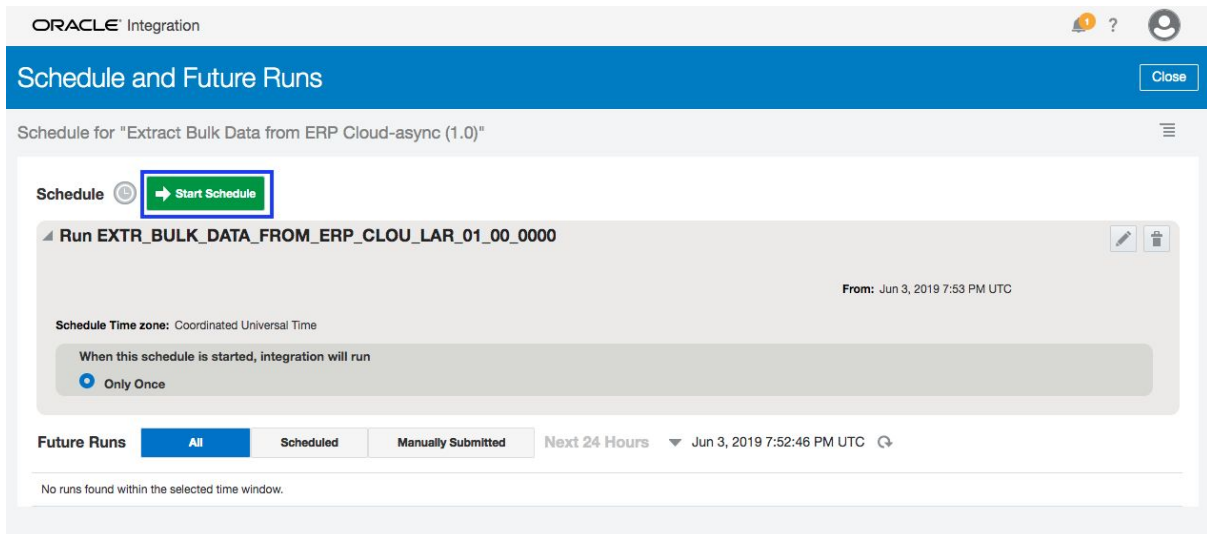
This schedule runs:

today at 6:28 PM UTC

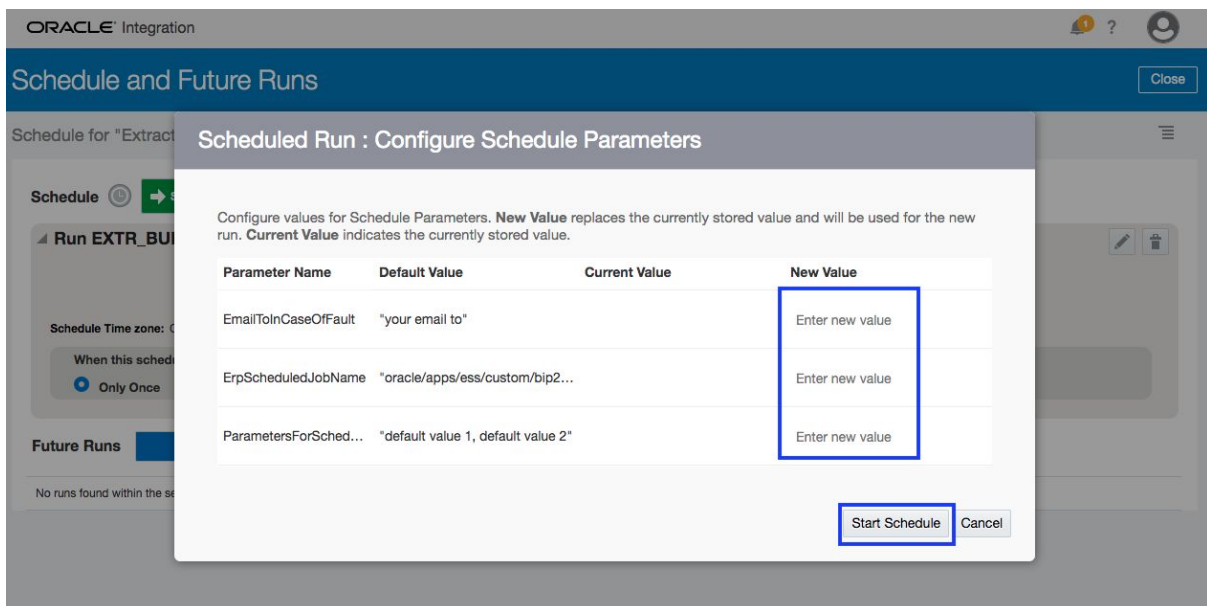
Time zone: Coordinated Universal Time

You must start up the schedule for these settings to take effect

- Selects **"Start Schedule"** and now all future runs are displayed.



- Configures parameters for scheduled call or leaves as defaults. Clicks **Start Schedule**.



- She/he can pause or stop the scheduler at any time.

ORACLE Integration

Schedule and Future Runs

Schedule for "Extract Bulk Data from ERP Cloud-async (1.0)"

Schedule ⌚ Stop Schedule

Run EXTR_BULK_DATA_FROM_ERP_CLOU_LAR_01_00_0000

From: Jun 3, 2019 8:04 PM UTC

Schedule Time zone: Coordinated Universal Time

When this schedule is started, integration will run

☒ Only Once

Future Runs All Scheduled Manually Submitted Next 24 Hours Jun 3, 2019 8:03:55 PM UTC

Auto Scheduled Run	WAIT	Started Jun 3, 2019 8:04:54 PM UTC

- For adhoc runs clicks on **"Submit Now"** in the Menu.

ORACLE Integration

Schedule and Future Runs

Schedule for "Extract Bulk Data from ERP Cloud-async (1.0)"

Schedule ⌚ Stop Schedule

Run EXTR_BULK_DATA_FROM_ERP_CLOU_LAR_01_00_0000

From: Jun 3, 2019 8:04 PM UTC

Schedule Time zone: Coordinated Universal Time

When this schedule is started, integration will run

☒ Only Once

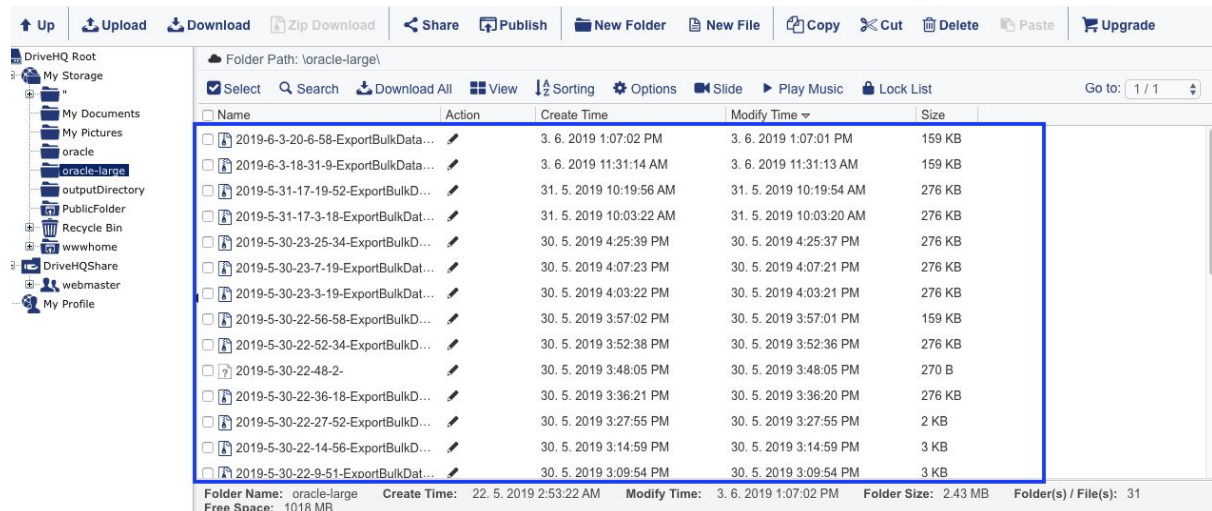
Future Runs All Scheduled Manually Submitted Next 24 Hours Jun 3, 2019 8:03:55 PM UTC

Auto Scheduled Run	WAIT	Started Jun 3, 2019 8:04:54 PM UTC

Submit Now
View Past Runs
Schedule Parameters

FTP side

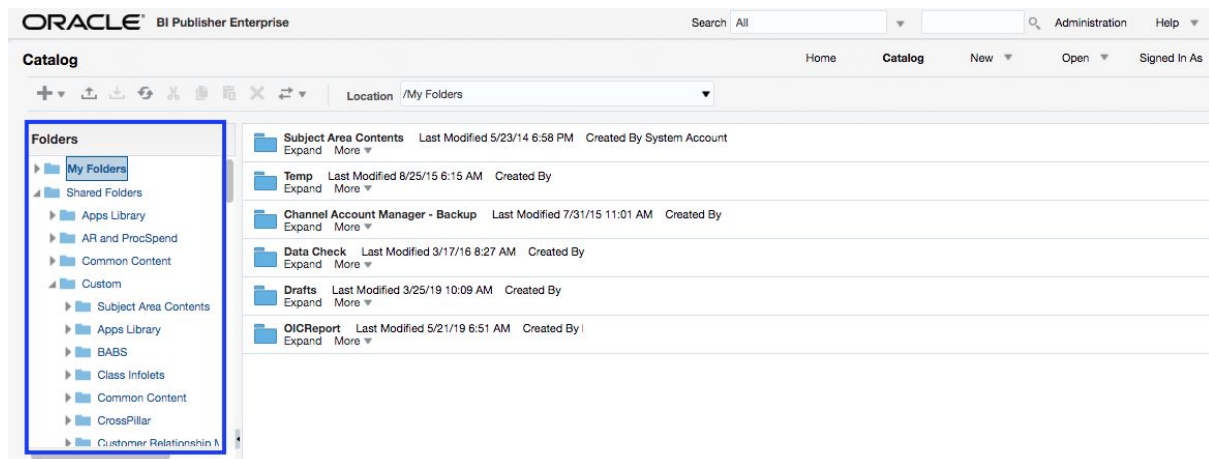
- A user **logs** in FTP using a valid user name and password.
- Opens the folder, where the report from ERP is saved.



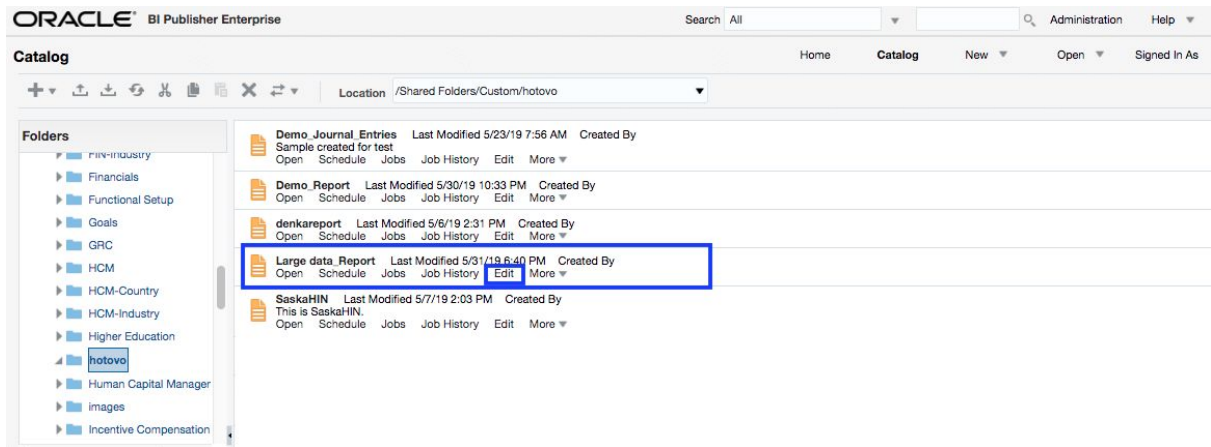
Use case no.2: Changing the file type in ERP

ERP Cloud site

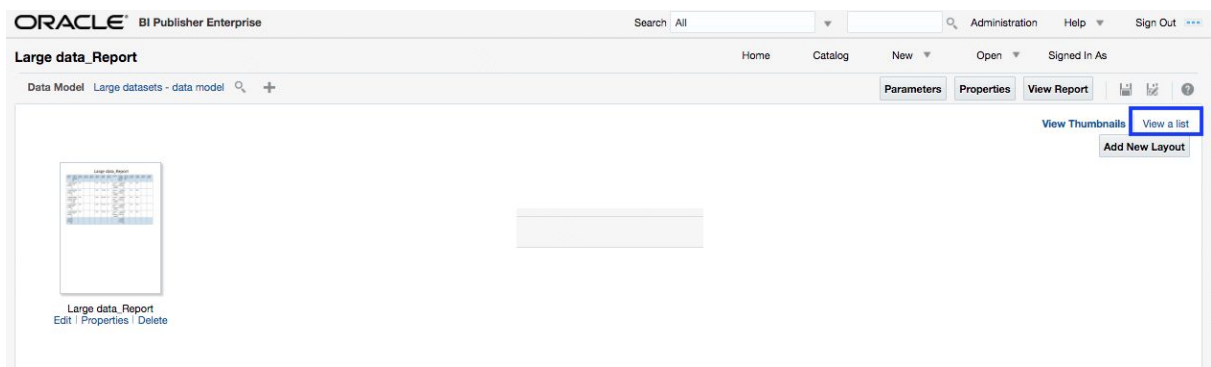
- A user logs in ERP Cloud using a valid user name and password.
- She/he enters URL <https://your fusion Applications Server/xmlpserver/servlet/catalog>.
- Clicks on folder, where the report from ERP is saved.



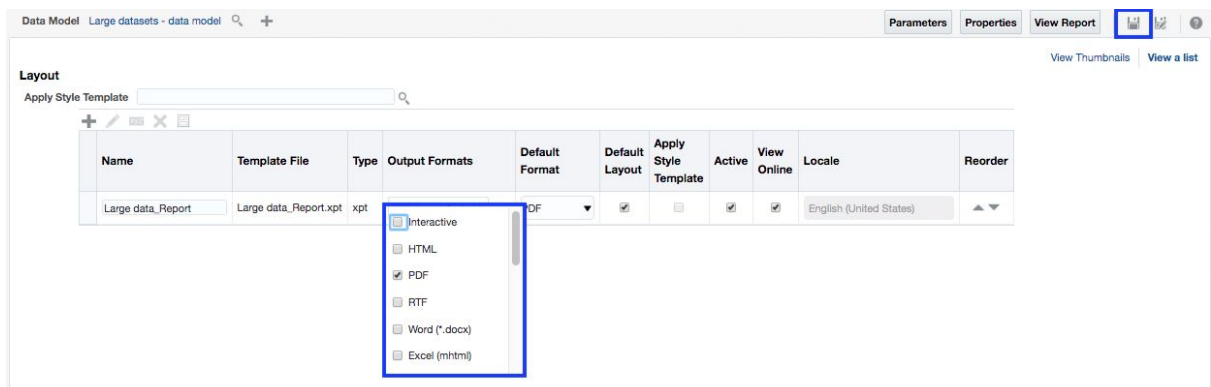
- Clicks on **Edit**.



- Clicks on **View a list**.



- Changes the **Output format** by clicking the checkbox of a desired format and clicks **Save**.

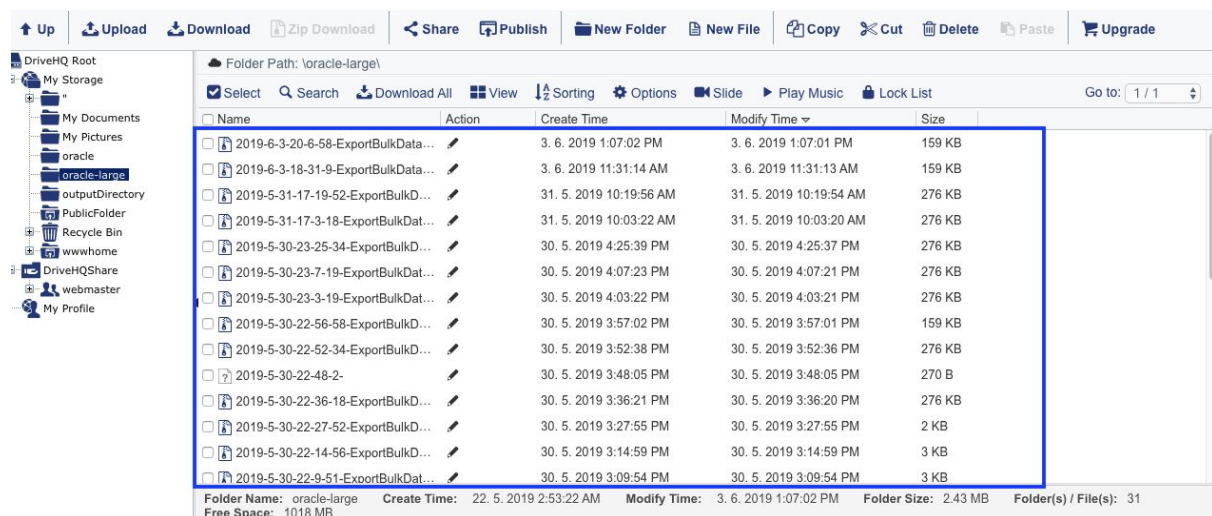


OIC side

- Activates the integration using the same steps as in the first Use Case.

FTP side

- A user **logs in** FTP using a valid user name and password.
- Opens the folder, where the report from ERP is saved.



Use case no.3: Changing a Job field in ERP

ERP Cloud site

- A user logs in ERP Cloud using a valid user name and password.
- Goes to **Manage Job Definitions** page (she/he is going to do the same steps as in the first Use Case) and clicks **Save and Close**.

Manage Job Definitions Manage List of Values Sources Manage Job Sets

Edit Job Definition

Save and Close

Cancel

Job Definition Show More

* Display Name BIPReportToCloud Name BIPReportToCloud Path /bip2c/ Application Description Retries Job Category Timeout Period	* Job Application Name FscmEss <input type="checkbox"/> Enable submission from Enterprise Manager Job Type BIPJobType — Bursting report Class Name oracle.xdo.service.client.scheduler.BIPJobExecutable Default Output Format XML * Report ID Custom/hotovo/Large+da Priority <input type="checkbox"/> Allow Multiple Pending Submissions <input checked="" type="checkbox"/> Enable submission from Scheduled Processes
---	---

BIPReportToCloud: Parameters User Properties

Actions View + - >> Detach

Parameter Prompt	Data Type	Page Element	Default Value	Read Only	Required
No data to display.					

OIC side

- Activates the integration using the same steps as in the first Use Case.

FTP side

- A user **logs** in FTP using a valid user name and password.
- Opens the folder, where the report from ERP is saved.

Folder Path: \oracle-large\

Name	Action	Create Time	Modify Time	Size
2019-6-3-20-6-58-ExportBulkData...		3. 6. 2019 1:07:02 PM	3. 6. 2019 1:07:01 PM	159 KB
2019-6-3-18-31-9-ExportBulkData...		3. 6. 2019 11:31:14 AM	3. 6. 2019 11:31:13 AM	159 KB
2019-5-31-17-19-52-ExportBulkD...		31. 5. 2019 10:19:56 AM	31. 5. 2019 10:19:54 AM	276 KB
2019-5-31-17-3-18-ExportBulkDat...		31. 5. 2019 10:03:22 AM	31. 5. 2019 10:03:20 AM	276 KB
2019-5-30-23-25-34-ExportBulkD...		30. 5. 2019 4:25:39 PM	30. 5. 2019 4:25:37 PM	276 KB
2019-5-30-23-7-19-ExportBulkDat...		30. 5. 2019 4:07:23 PM	30. 5. 2019 4:07:21 PM	276 KB
2019-5-30-23-3-19-ExportBulkDat...		30. 5. 2019 4:03:22 PM	30. 5. 2019 4:03:21 PM	276 KB
2019-5-30-22-56-58-ExportBulkD...		30. 5. 2019 3:57:02 PM	30. 5. 2019 3:57:01 PM	159 KB
2019-5-30-22-52-34-ExportBulkD...		30. 5. 2019 3:52:38 PM	30. 5. 2019 3:52:36 PM	276 KB
2019-5-30-22-48-2-		30. 5. 2019 3:48:05 PM	30. 5. 2019 3:48:05 PM	270 B
2019-5-30-22-36-18-ExportBulkD...		30. 5. 2019 3:36:21 PM	30. 5. 2019 3:36:20 PM	276 KB
2019-5-30-22-27-52-ExportBulkD...		30. 5. 2019 3:27:55 PM	30. 5. 2019 3:27:55 PM	2 KB
2019-5-30-22-14-56-ExportBulkD...		30. 5. 2019 3:14:59 PM	30. 5. 2019 3:14:59 PM	3 KB
2019-5-30-22-9-51-ExoortBulkDat...		30. 5. 2019 3:09:54 PM	30. 5. 2019 3:09:54 PM	3 KB

Folder Name: oracle-large Create Time: 22. 5. 2019 2:53:22 AM Modify Time: 3. 6. 2019 1:07:02 PM Folder Size: 2.43 MB Folder(s) / File(s): 31
Free Space: 1018 MB

- If the case, she/he changes **Job Application Name**, the report will be displayed without name in the FTP server.

Up Upload Download Zip Download Share Publish New Folder New File Copy Cut Delete Paste Upgrade					
DriveHQ Root My Storage My Documents My Pictures oracle oracle-large outputDirectory PublicFolder Recycle Bin wwwhome DriveHQShare webmaster My Profile					
Folder Path: \oracle-large\					
Select Search Download All View Sorting Options Slide Play Music Lock List Go to: 1 / 1					
<input type="checkbox"/>	Name	Action	Create Time	Modify Time	Size
<input type="checkbox"/>	2019-6-3-20-6-58-ExportBulkData...		3. 6. 2019 1:07:02 PM	3. 6. 2019 1:07:01 PM	159 KB
<input type="checkbox"/>	2019-6-3-18-31-9-ExportBulkData...		3. 6. 2019 11:31:14 AM	3. 6. 2019 11:31:13 AM	159 KB
<input type="checkbox"/>	2019-5-31-17-19-52-ExportBulkD...		31. 5. 2019 10:19:56 AM	31. 5. 2019 10:19:54 AM	276 KB
<input type="checkbox"/>	2019-5-31-17-3-18-ExportBulkDat...		31. 5. 2019 10:03:22 AM	31. 5. 2019 10:03:20 AM	276 KB
<input type="checkbox"/>	2019-5-30-23-25-34-ExportBulkD...		30. 5. 2019 4:25:39 PM	30. 5. 2019 4:25:37 PM	276 KB
<input type="checkbox"/>	2019-5-30-23-7-19-ExportBulkDat...		30. 5. 2019 4:07:23 PM	30. 5. 2019 4:07:21 PM	276 KB
<input type="checkbox"/>	2019-5-30-23-3-19-ExportBulkDat...		30. 5. 2019 4:03:22 PM	30. 5. 2019 4:03:21 PM	276 KB
<input type="checkbox"/>	2019-5-30-22-56-58-ExportBulkD...		30. 5. 2019 3:57:02 PM	30. 5. 2019 3:57:01 PM	159 KB
<input type="checkbox"/>	2019-5-30-22-52-34-ExportBulkD...		30. 5. 2019 3:52:38 PM	30. 5. 2019 3:52:36 PM	276 KB
<input type="checkbox"/>	2019-5-30-22-48-2-		30. 5. 2019 3:48:05 PM	30. 5. 2019 3:48:05 PM	270 B
<input type="checkbox"/>	2019-5-30-22-36-18-ExportBulkD...		30. 5. 2019 3:36:21 PM	30. 5. 2019 3:36:20 PM	276 KB
<input type="checkbox"/>	2019-5-30-22-27-52-ExportBulkD...		30. 5. 2019 3:27:55 PM	30. 5. 2019 3:27:55 PM	2 KB
<input type="checkbox"/>	2019-5-30-22-14-56-ExportBulkD...		30. 5. 2019 3:14:59 PM	30. 5. 2019 3:14:59 PM	3 KB