Oracle® Retail Integration Cloud Services

Administration Guide

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Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

> **Note:** Before sending us your comments, you might like to check that you have the latest version of the document and if any concerns are already addressed. To do this, access the Online Documentation available on the Oracle Technology Network Web site. It contains the most current Documentation Library plus all documents revised or released recently.

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Please give your name, address, electronic mail address, and telephone number (optional).

If you need assistance with Oracle software, then please contact your support representative or Oracle Support Services.

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Preface

This guide describes the administration tasks for Oracle Retail Integration Cloud Services.

Audience

This guide is intended for administrators.

This guide describes the administration tasks for Oracle Retail Integration Cloud Services.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

https://support.oracle.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Improved Process for Oracle Retail Documentation Corrections

To more quickly address critical corrections to Oracle Retail documentation content, Oracle Retail documentation may be republished whenever a critical correction is needed. For critical corrections, the republication of an Oracle Retail document may at times not be attached to a numbered software release; instead, the Oracle Retail document will simply be replaced on the Oracle Technology Network Web site, or, in the case of Data Models, to the applicable My Oracle Support Documentation container where they reside.

Oracle Retail documentation is available on the Oracle Technology Network at the following URL:

http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html

An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the

same part number, with a higher-numbered suffix. For example, part number E123456-02 is an updated version of a document with part number E123456-01.

If a more recent version of a document is available, that version supersedes all previous versions.

Oracle Retail Documentation on the Oracle Technology Network

Oracle Retail product documentation is available on the following web site:

http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html

(Data Model documents are not available through Oracle Technology Network. You can obtain these documents through My Oracle Support.)

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Administrative Tasks

This chapter describes the processes for maintaining users and roles as well as batch processes.

For information regarding standard end user activities like creating and viewing reports, please see the *Oracle Retail Integration Cloud Services User Guide.*

Oracle Support

It is considered to be a best practice to have all Oracle Retail Integration Cloud Services support requests submitted through a single point of contact for that customer environment; the client designated administrator is usually designated to perform this role.

The link to use when submitting Service Requests (SR) is:

https://support.oracle.com

Oracle Identity Cloud Service User and Group Management

Oracle Identity Cloud Service (IDCS) provides an innovative, fully integrated service that delivers all the core identity and access management capabilities through a multi-tenant Cloud platform.

For instructions on managing users and groups in IDCS, follow the Manage Users and Groups IDCS document at the following URL:

https://docs.oracle.com/en/cloud/paas/identity-cloud/index.html

Retail Integration Cloud Services Default Enterprise Roles

Retail Integration Cloud Services is built with role-based access. Permissions are associated with roles.

The following roles are available:

RIB User Roles

Role Name	Admin Role	Operator Role	Monitor Role
Group Name	**ribAdminGroup**	**ribOperatorGroup**	**ribMonitorGroup**
Start/Stop Adapters	Yes	Yes	No
Change Log levels	Yes	Yes	No
View Logs	Yes	Yes	Yes

BDI Batch Admin Security Roles

Role Name	Admin Role	Operator Role	Monitor Role
Group Name	**BdiJobAdminGroup**	**BdiJobOperatorGroup**	**BdiJobMonitorGroup**
Edit configuration from UI	Yes	No	No
Create/update/delete system options	Yes	No	No
Create/update/delete system credentials	Yes	No	No
View credentials	Yes	No	No
Run Jobs	Yes	Yes	No
Monitor Jobs	Yes	Yes	Yes
HTTP GET method access to rest services	Yes	Yes	Yes
HTTP POST/PUT/DELETE method access to rest services	Yes	Restricted to few services.	No

BDI Process Flow Security Roles

Role Name	Admin Role	Operator Role	Monitor Role
Group Name	**BdiProcessAdminGroup**	**BdiProcessOperatorGroup**	**BdiProcessMonitorGroup**
Update Process DSL	Yes	No	No
Start/Restart Process	Yes	Yes	No
All other services	Yes	Yes	No

Role Name	Admin Role	Operator Role	Monitor Role
Group Name	BdiProcessAdmin Group	BdiProcessOperator Group	BdiProcessMonitorG roup
Read only Access to Process Flow Live, Manage Process Flow, Historical Process Flow Executions, System Logs UI tabs.	Yes	Yes	Yes
HTTP GET method access to rest services	Yes	Yes	Yes
HTTP POST/PUT/DELE TE method access to rest services	Yes	Restricted to few services.	No

BDI Scheduler Security Roles

Role Name	Admin Role	Operator Role	Monitor Role
Group Name	BdiSchedulerAdmin Group	BdiSchedulerOperator Group	BdiSchedulerMonitorG roup
View and search	Yes	Yes	Yes
Create schedule	Yes	No	No
Edit schedule	Yes	No	No
Delete schedule	Yes	No	Yes
Manual run schedule	Yes	Yes	Yes
Disable schedule	Yes	Yes	No
Enable schedule	Yes	Yes	No
HTTP GET method access to rest services	Yes	Yes	Yes
HTTP POST/PUT/DELE TE method access to rest services	Yes	Yes	No

Nightly Batch File Uploads

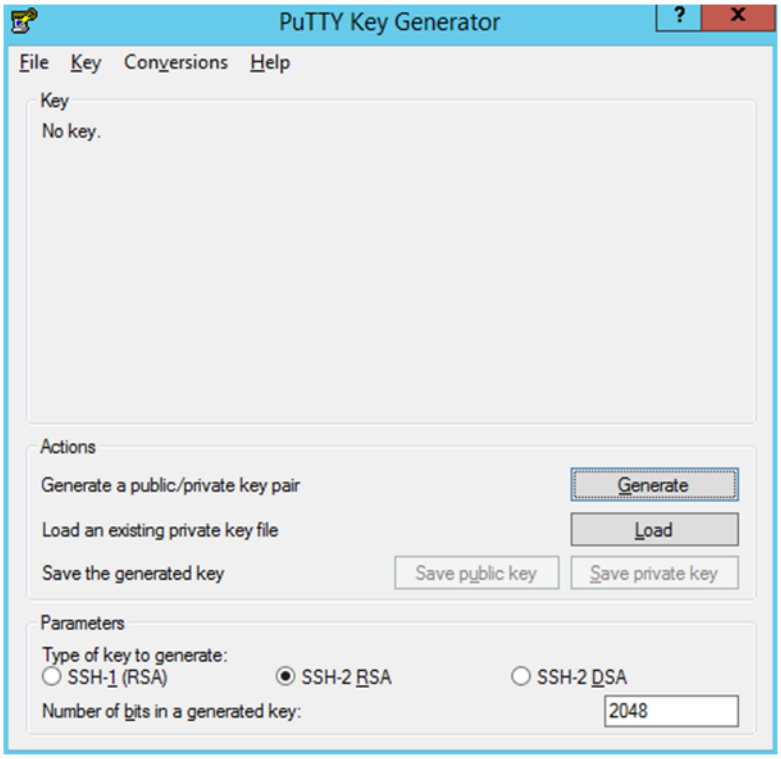
The following is the file upload process. The Private/Public Keys must be generated and the public Key must be associated with your SFTP Account for the file uploads. The Adding Authorized Keys section describes the step-by-step method to generate the Keys (2048 bit RSA Keys).

Adding Authorized Keys

The following is the process to generate a 2048 bit RSA key and add the same to the SFTP server. This is done with the help of WinSCP tool on Windows. However the same can be done using ssh-keygen on Linux as well.

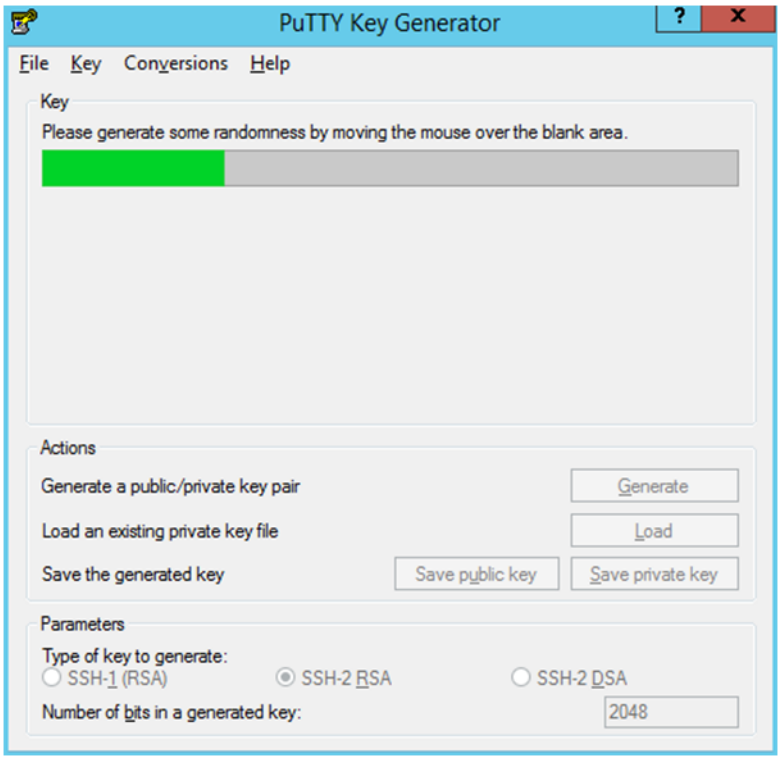
1. Launch WinSCP and select Tools -> Run PuttyGen.
2. Select "SSH-2 RSA" for the type of key to generate and enter "2048" for the number of bits in a generated key field and click **Generate**.

Figure 1–1 Key Generator



3. Move the mouse over the blank space in the window until the key is generated.

Figure 1–2 Key Generator Progress



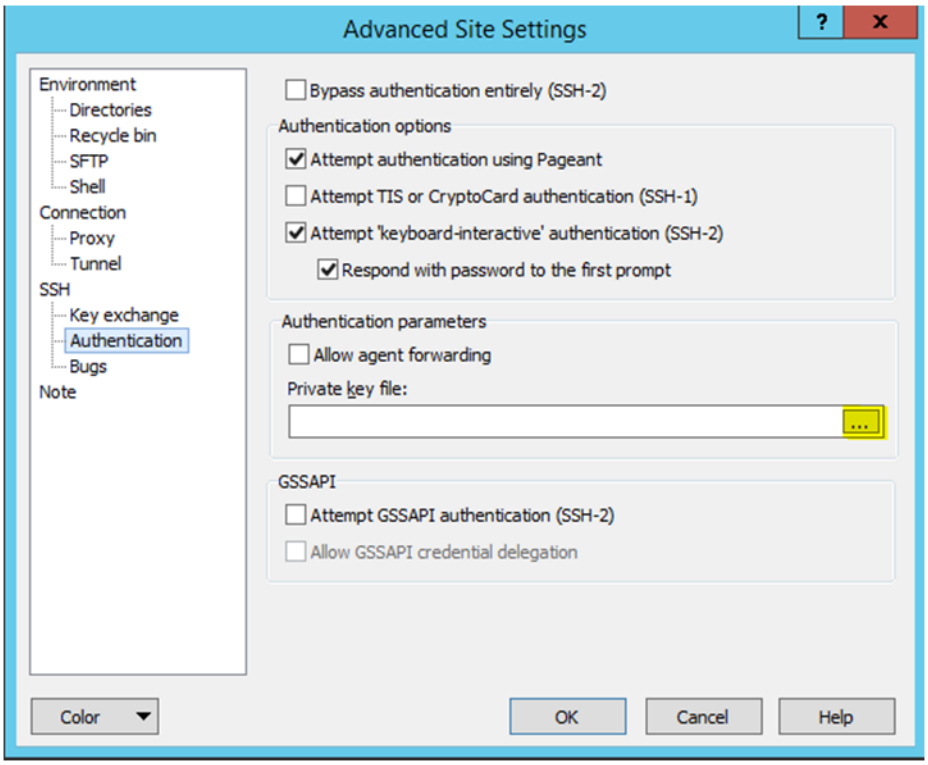
4. Once the key is generated, click the **Save public key** button to save the public key to a file.
5. Click the **Save private key** button to save the Private key to a file. Confirm to save it with/without a passphrase.
6. Open an SR with Oracle Support, to associate the Public half of the Key with your SFTP account (attach the Key with the SR).

Steps – Login to WinSCP

The Upload steps uses the private key generated in the earlier section.

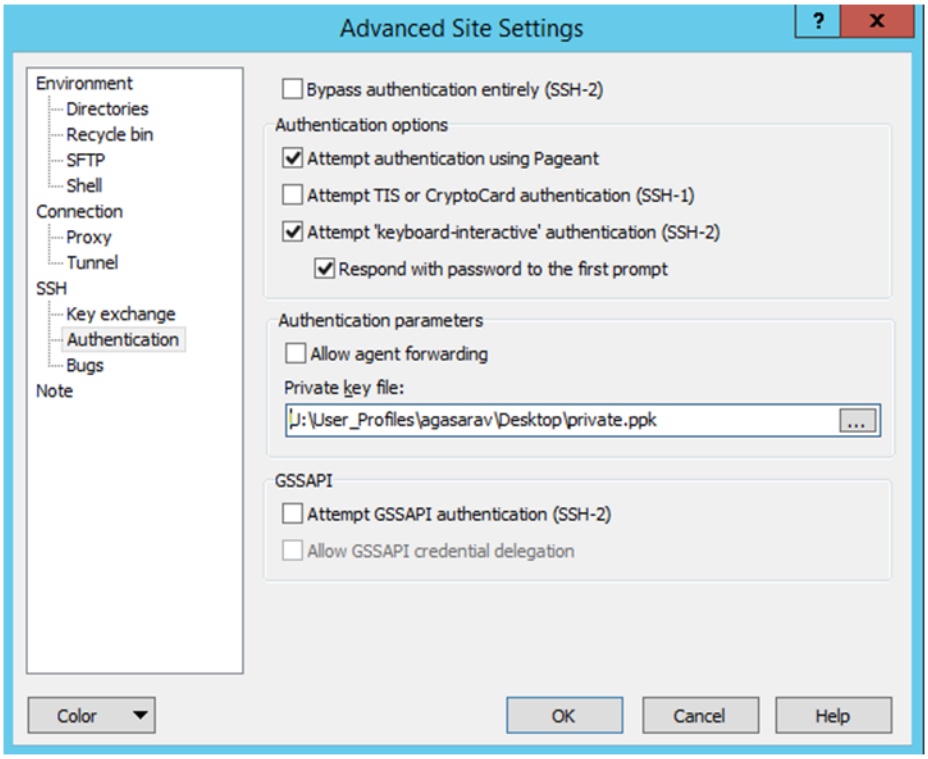
1. Launch WinSCP and connect to <SFTP Server> using port 22.
2. Enter the username and click **Advanced**.
3. Click **Authentication**.
4. In the Private Key File field, click the **Browse** button and select the private key created in the earlier section.

Figure 1–3 Advanced Site Settings Dialog



5. After loading the private key file, click **OK**.

Figure 1–4 Private Key File Loaded



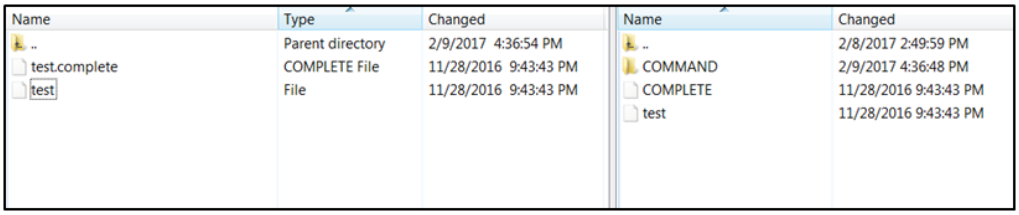
6. Click **Login**. The window does not prompt for a password and logs into the SFTP server. Provide a passphrase if one has been set up.

Steps to Upload the Batch File

Login to the WinSCP by Following the Steps – Login to WinSCP section.

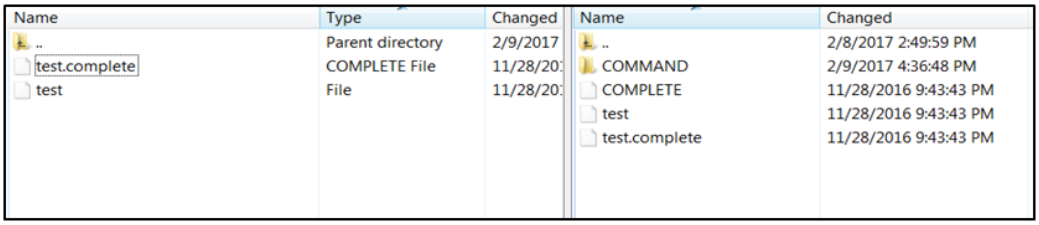
1. Transfer the file to be copied (e.g., test) to /<SFTP User>.

Figure 1–5 <SFTP User> Directory



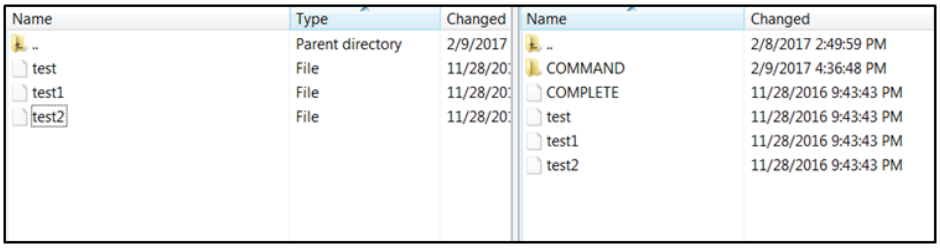
2. Transfer an empty file <filename>.complete (eg: test.complete) to the directory /<SFTP User>.

Figure 1–6 Transferring Empty File



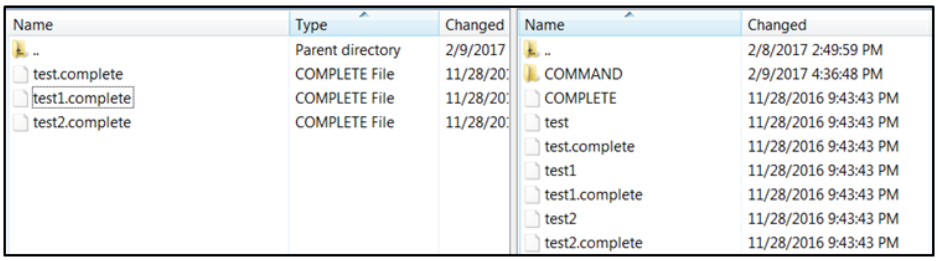
3. If multiple files have to be transferred, copy all the files to /<SFTP_user>.

Figure 1–7 Transferring Multiple Files



4. Transfer all the corresponding <filename>.complete files to the /<SFTP_user> directory for the transfer to complete.

Figure 1–8 Transferring .complete Files



Export File Downloads

Login to the WinSCP by following the Steps – Login to WinSCP section. The following is the download file process.

1. Change directory to /<SFTP User>/EXPORT.
2. Download all data files.