



# Oracle Retail Store Inventory Operations Cloud Services



Next Gen Cloud Update Guide

February 2024 | Release 24.0.101.0  
Copyright © 2024, Oracle and/or its affiliates

## Disclaimer

This document in any form, software or printed matter, contains proprietary information that is the exclusive property of Oracle. Your access to and use of this confidential material is subject to the terms and conditions of your Oracle software license and service agreement, which has been executed and with which you agree to comply. This document and information contained herein may not be disclosed, copied, reproduced or distributed to anyone outside Oracle without prior written consent of Oracle. This document is not part of your license agreement nor can it be incorporated into any contractual agreement with Oracle or its subsidiaries or affiliates.

This document is for informational purposes only and is intended solely to assist you in planning for the implementation and upgrade of the product features described. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described in this document remains at the sole discretion of Oracle.

Due to the nature of the product architecture, it may not be possible to safely include all features described in this document without risking significant destabilization of the code.

## TABLE OF CONTENTS

<b>Disclaimer</b>	<b>1</b>
<b>Introduction</b>	<b>3</b>
Document Summary	3
Overview of Next Generation SaaS Architecture	3
Assumptions	3
<b>Customer Actions for Store Inventory Operations Cloud Services</b>	<b>4</b>
Updated Application UI and Service End Point URLs	4
File Transfer Services	4
<b>Customer Responsibilities</b>	<b>4</b>
<b>Customer Responsibilities</b>	<b>5</b>
<b>References</b>	<b>6</b>

## Introduction

### Document Summary

This document provides general enablement for Oracle Retail customers moving to Oracle's Next Generation SaaS architecture from existing GBUCS deployment.

These checklists and resources capture major customer activities and milestones. Retailers should use these checklists early in the update planning phase. These checklists allow retailers to ask key questions when working with technical staff and partners. In addition, the checklists provide considerations for implementation planning.

### Overview of Next Generation SaaS Architecture

This is a cloud-native, container-based architecture that is more secure, highly scalable, and allows for better up-time and availability. This is accomplished by leveraging Kubernetes cluster management backend that is connected to an Oracle database service. This new architecture yields the following benefits:

- Significantly reduced downtime.
- Significant improvements in middle-tier and application-tier scalability.
- Adoption of additional industry-standard tools.
- Improved, simplified intra-Oracle Retail integration.
- Centralized Oracle Retail Business Intelligence instance for easier reporting administration.
- Retirement of SFTP in favor of a service-based approach.

### Assumptions

Note the following assumptions regarding the update:

- Customers and implementers have read all relevant documentation (such as the administration, implementation, and user guides, as well as the latest Readiness Guide) to understand the functional and technical differences between the GBUCS and NextGen versions of SIOCS.
- The production environment will be shut down for update generally overnight.
- Non-production update occurs first to enable the customer to perform their development activities and validate before the Production update.
- All the RIB queues and Error Hospital tables along with SIOCS's Message Processing Staging (MPS) table must be empty. All integration messages need to complete processing. No new messages should be published from any system during the cutover time, including messages from third-party systems.
- All batch files should have been processed, and there are no leftover files remaining in the SFTP folder.
- Update activity will be performed after the nightly batch cycle is complete. No jobs should be pending.
- No changes to the IDCS or OCI IAM if all the Oracle Retail Cloud services are using the same IDCS or OCI IAM instance currently. If you are using different IDCS or OCI IAM instances for different Oracle Retail Cloud Services, all of them will be merged into a single Instance. There is a customer action to reset the passwords.

## Customer Actions for Store Inventory Operations Cloud Services

Due to the technical changes in Oracle's Next Generation SaaS architecture, the actions below are performed by the customer.



### Updated Application UI and Service End Point URLs

<input type="checkbox"/>	<b>STEP 1</b>	Configure all application user interface URLs (EICS) / Desktop Admin URL.
<input type="checkbox"/>	<b>STEP 2</b>	Configure all web-service calls to use the new URLs.



### File Transfer Services

<input type="checkbox"/>	<b>STEP 1</b>	Use the new FTS services to upload/download the files to/from Object Storage. This is a replacement for the SFTP process. <b>Note:</b> FTS must use OAuth2.0 authentication.	Resources: <ul style="list-style-type: none"><li>Refer to the "File Transfer Services" chapter of the <i>Oracle Retail Enterprise Inventory Cloud Service Administration Guide</i>: <a href="https://docs.oracle.com/en/industries/retail/store-inventory-op-cloud/24.0.101.0/reiag/file-transfer-services.htm">https://docs.oracle.com/en/industries/retail/store-inventory-op-cloud/24.0.101.0/reiag/file-transfer-services.htm</a></li></ul>
--------------------------	---------------	---	---



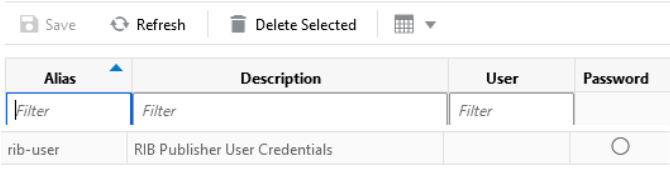
### Customer Responsibilities

<input type="checkbox"/>	<b>STEP 1</b>	Customers should add their outbound proxy, firewalls in all the domains, and IPs to Oracle Data Center to their allowlists. Domain names to be allowlisted will be as part of the initial environment provision email notification.
<input type="checkbox"/>	<b>STEP 2</b>	Development work to uptake new URL changes.
<input type="checkbox"/>	<b>STEP 3</b>	Development work to uptake new file management processes.
<input type="checkbox"/>	<b>STEP 4</b>	Perform regression testing.



## Customer Responsibilities

This table contains the steps for SIOCS integration with RICS (RIB Component) v19.x

<input type="checkbox"/>	<b>STEP 1</b>	Create an IDCS user with the required RIB admin group to access the publisher endpoints. <ul style="list-style-type: none"><li>• <code>ribAdminGroup</code> – For Production environments</li><li>• <code>ribAdminGroup_preprod</code> – For Non-Production environments</li></ul>								
<input type="checkbox"/>	<b>STEP 2</b>	Configure the SIOCS - RIB publisher user credentials by using the Credential Administration screen on the SIOCS web client.  Navigate to <b>Admin -&gt; Technical Maintenance-&gt; Credential Administration</b> .  Credential Administration   <table border="1"><thead><tr><th>Alias</th><th>Description</th><th>User</th><th>Password</th></tr></thead><tbody><tr><td>rib-user</td><td>RIB Publisher User Credentials</td><td></td><td></td></tr></tbody></table>	Alias	Description	User	Password	rib-user	RIB Publisher User Credentials		
Alias	Description	User	Password							
rib-user	RIB Publisher User Credentials									
<input type="checkbox"/>	<b>STEP 3</b>	Test the inbound and outbound message flow.								

## References

Refer to the Release 24.0.101.0 documentation at the following URL:  
<https://docs.oracle.com/en/industries/retail/index.html>

## CONNECT WITH US

Call **+1.800.Oracle1** or visit **oracle.com**

Outside North America, find your local office at **oracle.com/contact**

 **blogs.oracle.com**    **facebook.com/oracle**    **twitter.com/oracle**

Copyright © 2024 Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group. 0120

