Oracle® Retail Open Commerce Platform

OCP Release Notes v6.0.1

Release 6.0.1

March 2015

ORACLE®

Oracle® Retail Open Commerce Platform OCP Release Notes v6.0.1, Release 6.0.1

Note: The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this existing documentation set.

Table of Contents

OCP RELEASE NOTES 6.0.1

All information contained within this document is proprietary and confidential.

3

1 OCP RELEASE OVERVIEW

Note: The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this existing documentation set.

This release contains no new functionality, only resolutions for issues found in previous releases. The focus of this release was around SOLR performance, legacy issues with the PayPal integration, and a password encryption change required as part of PA-DSS 3.0.

Features and updates

This section includes summaries of the new features included in the Open Commerce Platform release 6.0.1.

PayPal Updates (OCPBLG-2795)

During the 6.0 development work some legacy defects were discovered around our PayPal integration. This is a summary of the issues corrected in 6.0.1.

- Allowing cancellation of PayPal tendered orders from Starter Store when the order is in New or Open status
- Reauth PayPal for payment (if needed) before sending orders to WMS
- Updated the PayPal API version
- Create one transaction history message for each payment type in order export
- Declined authorizations show as declined rather than completed in transaction history
- Corrected order total mismatches between PayPal and OCP
- PayPal orders are properly posted in the settlement file
- Removed unused PayPal site parameters
- Use more secure TLS1.2 protocol instead of SSL

SOLR Performance & Other Critical Fixes (OCPBLG-6596)

After 6.0, PD discovered an issue where SOLR would running out of memory while indexing a large data set. 6.0.1 includes a new caching implementation to improve performance, along with several pipeline modifications.

- Replaced SortedMapBackedCache with MapDBCache which uses operating system memory to cache data from the database
- Added indexes to OMS_ORDER_SHIPMENT, TAX_RATE, and USER_EMAIL tables to improve performance
- Modified pipeline components to not extend DatabaseCommerceComponentSupport which reduces component initialization time during checkout
- Modified LocaleFilter to not save the PipelineSession in the PIPELINE_SESSION table for each user request
- com/fry/ocp/cms/taglib/SectionTargetedContentPreviewTag.java no longer saves PipelineSessionManager.save(pipelineSession) for each user request.
- The PipelineSessionFilter class was modified to store a new MEMBER_OWNED_SESSION key in PipelineSession rather than querying USERS table

Password encryption change per PA-DSS 3.0 requirements (PDC-247)

Req. 3.3.2 – Use a strong, one-way cryptographic algorithm, based on approved standards to render all payment application passwords unreadable during storage. Each password must have a unique input variable that is concatenated with the password before the cryptographic algorithm is applied.

Encrypting the password is no longer acceptable so OCP was changed to use a strong, one-way cryptographic algorithm (hash) as well as a salt value. Application storage will use using a hashing algorithm with a salt. Specific changes in OCP 6.0.1:

- USERS.PASSWORD is hashed and salted, not encrypted
- ADMIN_USER.PASSWORD (and RECENT_PASSWORDS) is hashed and salted, not encrypted
- Register, Login, Forgot Password, Site Manager Login, Site Manager > Users all still function normally
- Key Rotation no longer rotates USERS nor ADMIN_USER

Relate Improvements

The billing address and user email is now set in the ValidateLoyaltyCard request in order to validate the user's Relate loyalty card number.

2 ISSUES

2.1 Known

For a current list of known issues, please see the OCP 6.0.1 release information on SharePoint:

https://mrsharepoint.micros-retail.com/sites/MR/products/OCP/Shared%20Documents/OCP%206.0.1

Customers please contact your MICROS product representative to request a list of known issues.

2.2 Resolved

The following issues were resolved with the OCP 6.0.1 release.

Component/s	ID	Description	Priority	Release Found
PayPal	OCPBLG-6872	Declined Authorizations are showing up in Transaction History as "Authorization Completed"	Major	5.1
Performance	OCPBLG-6860	Targeted Content area tag saves pipeline session to database for every anonymous/ guest user	Major	6
Performance	OCPBLG-6859	Locale Filter saves siteId and localeId into a new pipeline session on every new home page or browse page request	Major	6
Performance	OCPBLG-6832	Write scripts to clean up pipeline sessions	Major	6
Performance	OCPBLG-6829	Add missing indexes	Major	6
Performance	OCPBLG-6667	Site Manager index build does not respect multisite prefix while fetching SOLRSOLR urls	Major	6

OCP RELEASE NOTES 6.0.1

6

All information contained within this document is proprietary and confidential.

Performance	OCPBLG-6833	Investigate the EmailService issues from the jmeter load test results.	Major	6
PayPal	OCPBLG-6876	Only getting one transaction history message when authorizing multiple payment types	Major	6
PayPal	OCPBLG-6593	Paypal not available - Order Total mismatches between PayPal and OCP	Major	6
PayPal	OCPBLG-6559	Order Export - Authorize within Order Export for Credit Card	Major	6
PayPal	OCPBLG-6476	Update Paypal API	Major	6
PayPal	OCPBLG-6326	Shell command - Settlement files are not properly posting tender types PayPal	Major	6
PayPal	OCPBLG-6325	Order Export - Authorize within Order Export for PayPal	Major	6
PayPal	OCPBLG-6221	PayPal Allow Cancellation from Storefront during certain statuses	Major	6
Performance	OCPBLG-5180	SM - Always got error for the first time when click Next button in New Order page	Crisis	6
PayPal	OCPBLG-6293	Reauthorization jobs are failing for PayPal Tendered Orders	Major	6

Performance	OCPBLG-6930	SF: Page title is having illegal characters when the product name has apostrophe in it	Minor	6.0.1
PayPal	OCPBLG-6965	Reauthorization is not happening for paypal orders	Blocker	6.0.1
PayPal	OCPBLG-6917	Getting error message as" We're sorry. PayPal is temporarily unavailable." when trying to place an order with payment as PayPal for Women's Tunic Tank product only	Blocker	6.0.1
PayPal	OCPBLG-6935	SM - Modifying new created user makes screen cut off some fields	Major	6.0.1
PayPal	OCPBLG-6981	SM - Resend Order confirmation does not send email	Major	6.0.1
PayPal	OCPBLG-6934	SM - Unable to create a new customer, shows "sorry we're working on this page" error message	Major	6.0.1
Performance	OCPBLG-6936	SM - Reset user password don't sent email for new user account	Major	6.0.1
Performance	OCPBLG-6977	Enable SHAHashEncryptorImpl encryption in maintenance branch.	Major	6.0.1
Performance	OCPBLG-6928	SM - Select Format with no active items throws exception	Major	6.0.1

3 DOCUMENTATION

OCP 6.0.1 release-specific documentation is available on SharePoint:
https://mrsharepoint.micros-retail.com/sites/MR/products/OCP/Shared%20Documents/OCP%206.0.1

General OCP documentation is also available on SharePoint:
https://mrsharepoint.micros-retail.com/sites/MR/products/OCP/Shared%20Documents

Customers please contact your Oracle product representative with documentation requests.

OCP RELEASE NOTES 6.0.1

All information contained within this document is proprietary and confidential.

9

4 SYSTEM REQUIREMENTS, SUPPORTED SYSTEMS, AND COMPATIBILITY

All below are unchanged from the 6.0 version of OCP.

4.1 System Requirements

Product	Recommended Minimum Specifications
Web / Application server	64 bit Multi Core, 32GB RAM, Mirror RAID
Database server	64 bit Multi Core 128GB RAM, Mirror RAID
Database disk subsystem	1.5TB useable ~ RAID 10
Firewall	VPN and access control capable, Cisco 5500x series or similar
Switching	VLAN capable, Cisco 2960 or similar
Load balancing	BIG-IP F5 LTM or similar

OCP RELEASE NOTES 6.0.1

10

All information contained within this document is proprietary and confidential.

4.2   Supported Systems

QA has tested OCP 6.0.1 on the following devices and configurations:

Product	Supported Version		
Desktop - PC			
Primary OS	**Display Size**	**Browser**	
Windows 7	n/a	Chrome 34+	
Windows 7	n/a	Firefox 29+	
Windows 7	n/a	IE 11	
Secondary OS	**Display Size**	**Browser**	
Windows	n/a	IE 10	
Mac	n/a	Firefox 28+	
Mac	n/a	Safari 7	
Desktop - Site Manager			
Primary OS	**Display Size**	**Browser**	
Windows 7	n/a	IE 11	
Windows 7	n/a	Firefox 29+	
Tablet			
Primary Device	**Display Size**	**OS**	**Browser**
iPad 3+	9.7 inch	8+	Safari
Secondary Device	**Display Size**	**OS**	**Browser**
Kindle Fire	7 inch	Android 4.4 KitKat	Silk
Samsung Galaxy	10 inch	Android 4.4 KitKat	Android
Phone			
Primary Device	**Display Size**	**OS**	**Browser**
iPhone	3.5 inch	8+	Safari
Secondary Device	**Display Size**	**OS**	**Browser**
Samsung Galaxy S5	5 inch	Android	Android
Samsung Galaxy S5	5 inch	Android	Chrome

Product	Supported Version		
Other			
Relate	10.8		
Locate	5.0		
Locate Message Structure	5.0		
SOLR	4.10.0		
CWSerenade	3.5.2		
RHES	5.10		
Java	1.7		
Tomcat	7.0.55		
Apache	2.2.x		
SQL Server	2012		
CyberSource	1.51		
QAS	V6 SaaS model		
PayPal	NVP API 74.0		
AddThis	250		
Google Analytics	N/A		
Omniture	15		
Bazaarvoice	4.9		
Scene 7	7.4.3		
Innotrac	7.2		
Gigya	2.15.5		
Jasper	1.3		

4.3 Certifications

PA-DSS Certification process is in progress.

OCP RELEASE NOTES 6.0.1

All information contained within this document is proprietary and confidential.

12