

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

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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.

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

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

Performance	<a href="#">OCPBLG-6930</a>	SF: Page title is having illegal characters when the product name has apostrophe in it	Minor	6.0.1
PayPal	<a href="#">OCPBLG-6965</a>	Reauthorization is not happening for paypal orders	Blocker	6.0.1
PayPal	<a href="#">OCPBLG-6917</a>	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	<a href="#">OCPBLG-6935</a>	SM - Modifying new created user makes screen cut off some fields	Major	6.0.1
PayPal	<a href="#">OCPBLG-6981</a>	SM - Resend Order confirmation does not send email	Major	6.0.1
PayPal	<a href="#">OCPBLG-6934</a>	SM - Unable to create a new customer, shows "sorry we're working on this page" error message	Major	6.0.1
Performance	<a href="#">OCPBLG-6936</a>	SM - Reset user password don't sent email for new user account	Major	6.0.1
Performance	<a href="#">OCPBLG-6977</a>	Enable SHAHashEncryptorImpl encryption in maintenance branch.	Major	6.0.1
Performance	<a href="#">OCPBLG-6928</a>	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.

## 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

## 4.2 Supported Systems

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

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

Product	Supported Version
<b>Other</b>	
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.