HP Operations Orchestration

For Windows and Linux Operating Systems

Base Content Pack Version 1.0.142
for HP OO Software Version Content 2013-12 (10.x)

Base Release Notes

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Introduction

This document provides an overview of the HP Operations Orchestration Base Content Pack 1.0.142 release. It contains important information that is not included in the manuals or in the online help.

This release supports the following languages:

- en - English

- fr - French

- de - German

- ja - Japanese

- es - Spanish

- zh_CN - Simplified Chinese

Base Content Pack 1.0.142 is a cumulative Content Pack.

Content Pack Integrations

The following table lists the integrations that the Base Content Pack supports:

Integration Name	Versions
Active Directory	Windows 2003, Windows 2008, Windows 2008 R2
AIX	AIX 5.3
Ant	
FreeBSD	6.3, 7.0
JDBC	
Email	POP3, IMAP, sendmail
Excel	1997, 2000, 2003, 2007, 2010
File System	
Groovy	2.0.2
HP HP/UX	B.11.31
HTTP Client	

Integration Name	Versions
Invoke Method	V2
JVM	5.0, 6.0
LDAP	
MS Cluster	Windows 2003, Windows 2008, Windows 2008 R2
Network	
Red Hat	ES 3, AS 3, ES 4, AS 4, ES 5, ES 6.2
Linux	10, 10.1
Perl	
PowerShell	1.0, 2.0, 3.0
Printing	
Remote Command Execution	
Remote File Transfer	
Sharepoint	2003, 2007
SNMP	1, 2, 3
Solaris	10
SUSE Linux	openSUSE 10.0, SUSE Enterprise Server 10 SP1, openSUSE 11.0
Windows	2003, XP, 2008, 2008 R2, 2012
WMI	1.x
WS-Management	1.0.0

Note: The following integrations contain only basic operations. For more advanced features see the corresponding dedicated Content Pack:

Integration Name	Dedicated Content Pack
JDBC	Databases
FreeBSD, HP-UX, Red Hat, Linux, Solaris, SUSE Linux, Windows	Operating Systems, Infrastructure Orchestration
Email	Business Applications

What's New

- The version of Apache HttpClient was updated to 4.2.3.

- A new operation, **Edit XML**, was added under Library\Utility Operations\XML Processing\Edit XML.

- The **Add Excel Data** operation now allows you to append/insert/update data to an Excel document at the specified row indexes (row index range) and specified column indexes (column index range).

- A new operation,**Convert JSON to XML**, was added. This operation converts a generic JSON array or JSON object to a list of XML elements or to a XML document.

Deploying the Base Content Pack

You must deploy the HP Operations Orchestration Base Content Pack 1.0.142 on an existing OO platform version of 10.00 or later.

For details on deploying a content pack, see "Importing Content Packs to a Project" in the *Studio Authoring Guide* and "Deploying a Content Pack" in the *Central User Guide*.

Use the OO platform version 10.00 and the patch listed in the following table:

Content	Patch level
Base Content Pack 1.0.121	10.01.001

Fixed Defects

The reference number for each fixed defect is the Quality Center Change Request (QCCR) number.

For more information about fixed defects, visit HP Software Support Online, or contact your HP Support representative directly.

CR Number	Title	Description
QCCR1D154557	HTTP Client Get returns original URL with followRedirects input set to true	The URL result contains the value of the URL input when it should contain the final redirected URL.
QCCR1D146513 QCCR1D159179	HTTP Client NTLM authentication fails when both "negotiate" and "ntml" are enabled as Windows authentication types on the server.	In order to integrate with SharePoint 2010, NTLM authentication is mandatory. OO fails to import the wsdl as "Negotiate" and "NTLM" are set as providers. All HTTPClient based operations fail to communicate with the SharePoint Server. The version of Apache HttpClient was changed to 4.2.3 and an NTLMEngine was implemented with Jcifs 1.3.17.
QCCR1D161092	Update "Remote Command Execution" description to state that & is a special character	"/Library/Operations/Operating Systems/Windows/Remote Command Execution" returns an error when running the following command: `echo "abc^&xyz"` The & character needs to be marked with an escape character.
QCCR1D167669	EPR - Deprecated/Ping does not work right.. uses the wrong param	The EPR - Deprecated/Ping operation uses the wrong parameter ("argument" instead of "arguments') and therefore fails.
QCCR1D167718	Accelerator Packs: Find Inactive Users fails with default inputs	When running the "Find Inactive Users" flow without entering a value for the DN input the flow fails at the "LDAP Search" step in the "Get inactive Users" subflow. This is due to the DN input from that flow containing an extra "DC=domain, DC=com" value.

CR Number	Title	Description
QCCR1D168926	Flow Run Summary Report fails	When using the Flow Run Summary Report with a correct run history ID (OID) or when leaving the runHistoryID blank, the operation always returns with a failure.
QCCR1D169264	Incorrect timeout observed in "Operations/Operating Systems/Windows/Remote	When using the timeout input in the "Operations/Operating Systems/Windows/Remote Command Execution" operation, the actual operation timeout is inconsistent with the value used.
QCCR1D170074	HTTP client-based operations should be able to correctly handle URLs without adding extra characters.	After installing CP11, all the HTTP Client based operations add an extra "=" character at the end of the URL.
QCCR1D172401	After updating to Content Pack 11 the operation HTTP Post found at "/Library/Operation/HTTP Client" fails with invalid input length	After installing Content Pack 11, running a flow that contains the operation HTTP Post found at " /Library/Operation/HTTP Client" fails. OO does not detect fields between delimiters if there is no input value between them. This leads to failure in the execution of the operation with the error that there is a difference between the lengths of the input name and input value lists.
QCCR1D172428	Solve Spring Comparator Description Issues	In CP4, the Library/Email/Send Mail operation used the comma as a delimiter, in CP11 this has changed, the operation now has an input value of "delimiter" and the default value is ; Because of this change the customer flows that use the send mail have stopped working.
QCCR1D173192	A flow scheduled to run 30 days in the future is scheduled in the past	A flow scheduled to run 30 days in the future, sometimes enters the schedule in the past. The flow is set to run (43200 minutes) 30 days in the future.

CR Number	Title	Description
QCCR1D175305	The default delimiter for the Send mail operation has changed from 9.04 to CP11	In the past versions, the Library/Email/Send Mail operation used the comma as a delimiter. In CP11 this changed, the operation now has an input value of "delimiter" and the default value is ; Because of this change the customer flows that use the send mail have stopped working. During the merged of hotfix described in QCCR1D135788, the default delimiter used previously (the comma ,) was switched to semicolon ;. The comma character (,) is the character to be used when multiple addresses are used in the recipient field.
QCCR1D175709	Using the OOTB operation "Integrations/Hewlett-Packard/Operations Orchestrations/Repository/Set System Account" and setting the input createNewAccount=True will create the System Account but the username and the password will be left blank	Creating a new System Account by using the OOTB operation "Integrations/Hewlett-Packard/Operations Orchestrations/Repository/Set System Account" and setting the input createNewAccount=True will create the System Account but the username and the password are not populated. The Username and Password will not be populated unless the System Account is an existing one and the input createNewAccount=False
QCCR8C21499	After updating to Content Pack 11 the operation HTTP Post found at "/Library/Operation/HTTP Client" fails with invalid input length.	After installation of Content Pack 11, running a flow that contains the operation HTTP Post found at "/Library/Operation/HTTP Client" fails and an error message displays.
QCCR8C21506	Solve Spring Comparator Description Issues	Need to update the Spring Comparator description to be clearer.
QCCR8C22100	LDAP.cs merge issues between 9.x and 10.x	There are customer encountered fixes that have not merged from OO 9.x to OO 10.x.

Known Issues

The reference number for each known issue is the Quality Center Change Request (QCCR) number.

For more information about known issues, visit HP Software Support Online, or contact your HP Support representative directly.

CR Number	Title	Description
QCCR1D132278	Local Ping does not work correctly if RAS is set on Japanese Windows 2008, or VISTA or Windows 7.	You can fix this problem by editing the code as follows: Add "chcp 437" to the top of the temporary bat file, which is created by "Local Ping" operation. The output of ping command will not be localized, as "chcp.com 437" sets the code page to "OEM United States".
QCCR1D135409	**Divider** operation	When you use the **Library/Utility Operations/Math and Comparison/Simple Evaluators/Divider** operation to divide 0.0 by 0.0, the operation fails with a `BigInteger divide by 0` message.
QCCR1D132829	**Get** and **Put** operations	The **Library/Operations/Remote File Transfer/FTP/Get** and **Library/Operations/Remote File Transfer/FTP/Put** operations complete successfully even if given invalid values for the `type` input.
QCCR1D138299	**Base64 Decoder** operation	The **Library/Utility Operations/Base64 Decoder** operation returns success if the data input value contains an invalid non-ASCII string and the value of the `characterSet` input is ASCII or shift-JIS. The operation should fail.
QCCR1D142305	SQL Query All Rows operation does not set any value for queryCount return result	When using the "SQL Query All Rows" operation under "Library>Operations>Databases>JDBC", the "queryCount" return result field does not set a value.

CR Number	Title	Description
QCCR1D144937	The operation "SQL Command" does not return any values for the result "outputText" if it has as a command input the "EXEC" command	The operation "SQL Command" found under "/Library/Operations/Databases/JDBC/" does not return any values for the result "outputText" if it has the "EXEC" command as a command input. If the operation has as input a SELECT command, the outputText returns the correct result.
QCCR1D146496	SQL Query operation converts inputs to lowercase	A Sybase database is case sensitive. If you name a table with uppercase letters, the SQL Query (java based) operation automatically converts it to lower case and an error occurs during the operation.
QCCR1D150544 / QCCR1D157659	HTTPClient does not reuse connections causing performance bottlenecks	If a flow sequentially uses the same operation for a couple of thousands of steps, at each step, the RAS operation recreates the resources needed, instead of reusing them.
QCCR1D152657	Set WMI Attribute operations fail for empty Where clause	The Set WMI Attribute operations from both Java and .NET fail if you do not provide a Where clause.
QCCR1D153166	Operation SNMPv1 returns misleading error message	When running a flow using the SNMPv1 Get operation, and it fails to connect to the SNMP agent, an incorrect error message displays. In addition, when running a flow using the SNMPv2 GET and SNMPv3 GET operations ambiguous error messages display.
QCCR1D154524	Using the operation "/Library/Operations /File System/Windows Only/Excel/ Get Cell" against an Excel file that contains OLE objects, will result in failure	When running a flow that reads an Excel sheet using the "/Library/Operations/File System/Windows Only/Excel/Get Cell" operation, iIf the Excel file contains OLE objects (for example, checkboxes), the operation fails and displays an error message.

CR Number	Title	Description

QCCR1D158637	Invoke2 method array misordered when other variables are at the same level	When the invoke2 xmlTemplate has an array and other variables in the same xmlBlock, the soap request is built in an incorrect order.
		`xml block`
		`array`
		`variable`
		`end xml block`
		This produces a soap capture start xml block array 0 values varaible array 1 values array 2 values end xml block

QCCR1D159924	"Convert Object to Flow Variables"operation changes integer values into decimal values.	The /Library/Utility Operations/Containers/JSON/Convert Object to Flow Variables operation converts integer value inputs (e.g., 1, 2, 3) and converts them to decimal values (1.0, 2.0, 3.0).
QCCR1D160507	Date parser does not convert a large millisecond value correctly	The Date Parser operation (/Library/Utility Operations/Date and Time/Date Parser) does not convert input values of 2^32 or higher correctly. This limits the output date range to 12/7/1969 - 1/25/1970.
QCCR1D164903	Operating System Detector leaves unprintable character at end of ReturnResult	The Operating System Detector operator leaves an unprintable character at the end of ReturnResult. If you try to pass the returned value to the String Comparator operation with a match type of RegEx and a pattern of ".*", a mismatch error occurs.
QCCR1D166443	Excel 'Get Row Index by Condition' operation throws org.apache.poi.hssf.record. RecordFormatException: Unable to construct record instance.	The 'Get Row Index by Condition' operation under /Library/Operations/File System/Windows Only/Excel/ fails an error message displays and an exception is thrown by Apache POI.
QCCR1D170767	Add socketTimeout to all HTTP Client based operations	The Http Client Get Operation in 9.0 has a new Input socketTimeout, that is documented, but none of the other HTTP based Operations under /Library/Operations/HTTP Client/* have documentation that allows for a socketTimeout.
QCCR1D173609	SQL Server binary data isn't returned as binary in OO	In a SQL Server database with a column of type Binary(16) when performing a query from OO, the results do not match what appears in the database.

CR Number	Title	Description
QCCR1D174459	Edit XML operations doesn't work for a remote file, not via http	The Edit XML operation should allow an xml file from a remote host to be read (not via http).