



Virtua Release Notes

Release 16.2 SP2

March 2019

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What's New

Virtua Client

Cataloging

The following table details the new features and functionality included in this release.

ID	NetSuite	New Feature Release Note
VIRTUA-21515		<p>Virtua now supports the MARC authority record 147 (Heading-Named Event) and 148 (Heading-Chronological Term) tags as described in the MARC authority record format: https://www.loc.gov/marc/authority/.</p> <p>When you save a bibliographic record that contains a 647 tag, Virtua now validates the 647 tag data against existing authority record 147 tag data. If no matching 147 tag data is found, the system creates a provisional authority record with a 147 tag that contains the bibliographic record 647 tag data.</p> <p>Similarly, when you save a bibliographic record that contains a 648 tag, Virtua now validates the 648 tag data against existing authority record 148 tag data. If no matching 148 tag data is found, the system creates a provisional authority record with a 148 tag that contains the bibliographic record 648 tag data.</p>

ID	NetSuite	New Feature Release Note
VIRTUA-21552		<p>As part of support for the MARC authority record 147 (Heading-Named Event) and 148 (Heading-Chronological Term) tags, Virtua now supports tracings for both authority record tags.</p> <p>When you edit a new authority record heading in the 147 tag, you can now add the following tracing tags:</p> <ul style="list-style-type: none"> • 447 tag: See From Tracing - Named Event • 547 tag: See Also From Tracing - Named Event • 747 tag: Established Heading Linking Entry - Named Event <p>When you edit a new authority record heading in the 148 tag, you can now add the following tracing tags:</p> <ul style="list-style-type: none"> • 448 tag: See From Tracing - Chronological Term • 548 tag: See Also From Tracing - Chronological Term • 748 tag: Established Heading Linking Entry - Chronological Term
VIRTUA-21782	540143	<p>Virtua now fully supports linked authority headings in authority record 1xx and 7xx tags, even between authority records with different bibliographic levels defined in the Leader 07 position.</p>
VIRTUA-23620		<p>Virtua now supports creating authority records for bibliographic record 647 and 648 tags. If you right-click on a bibliographic record (either from the View Record window or the MARC Editor) and select Create Authority Record(s), the Create Authority Record(s) window appears and the bibliographic record 647 and 648 tag entries appear in the list of headings that can be used to create authority records. As part of this improvement, two new workform files are now available in the Virtua/New Files directory of your installation: get647.wfm and get648.wfm. You must copy these two files to the Virtua/Catalog directory to enable creation of authority records for bibliographic record 647 and 648 tags.</p>

Hong Kong Public Library

The following table details the new features and functionality included in this release.

ID	NetSuite	New Feature Release Note
VIRTUA-22632		HKPL only: Virtua has been updated to accommodate 10-digit Octopus card numbers. Patrons can use 10-digit Octopus card numbers to pay fines in Virtua, and the financial transactions are successfully logged in the Audit Trail.

Virtua Server

The following table details the new features and functionality included in this release.

ID	NetSuite	New Feature Release Note
VIRTUA-22535	604901	In previous versions, when you loaded records using the vload.exe program, any duplicate ISBN found in the bibliographic record 020 tag subfield \$a was logged in the vload.log file. As of version 16.2 SP2, if a duplicate ISBN is found during record loading, tag data from both the 020 tag subfield \$a and subfield \$q is logged in vload.log.

InfoStation

The following table details the new features and functionality included in this release.

ID	NetSuite	New Feature Release Note
VIRTUA-22302	72037	<p>In Virtua 16.2 SP2, InfoStation has been updated to improve security. The HTTP requests that InfoStation sends now include the X-Content-Type-Options header. This fix requires you to make an update to the Apache httpd.conf file:</p> <ol style="list-style-type: none"> 1. Open httpd.conf. 2. Insert the lines shown in red below. <pre>##### # InfoStation Configuration - Release 15.1.SP1 # ##### # Alias for web reports cgi-bin directory ScriptAlias /web_reports_15.1.SP1/cgi_bin "/home/sajain/public_html/webrpt/cgi-bin" # Alias for REPORTS_HOME directory Alias /web_reports_15.1.SP1 "/home/sajain/public_html/webrpt" # Access rules for REPORTS_HOME directory <Directory "/home/*/public_html/webrpt"> <FilesMatch "\.(cfg BAK bak)\$"> Require all granted </FilesMatch> <FilesMatch "\.(css)\$"> Header set X-Content-Type-Options nosniff </FilesMatch> </Directory> # Timeout settings Timeout 3600 ##### # InfoStation Configuration - End # ##VRept15.1.SP1 End#####</pre> <ol style="list-style-type: none"> 3. Save your changes to httpd.conf. 4. Re-start the Virtua server.

Fixed Issues

Virtua Client

Cataloging

The following table details the fixed issues for this release.

ID	NetSuite	Fixed Issue Description
VIRTUA-23421	702922	A problem sometimes occurred when you updated an authority record that had the value "a" in the 008 tag positions 14 and 15. If a bibliographic record in the system had a 6xx tag that linked to the authority record, adding a subfield to the authority record 1xx tag caused duplicate subfield data to be added to the 6xx tag of the bibliographic record. This problem only occurred when the Do Not Support Single Authority Record parameter was disabled on the Cataloging Basic Options window in the Profiler. This is fixed. Adding a subfield to the 1xx tag of an authority record no longer causes duplicate subfield data to be added to the 6xx tag of a linked bibliographic record.

Circulation

The following table details the fixed issues for this release.

ID	NetSuite	Fixed Issue Description
VIRTUA-23572	723072	The Fee Exempt field was always set to "No" when you added a new request using the Virtua 16.2 SP1 client. This is fixed. The Fee Exempt field now correctly reflects the value you selected at the time you added the new request.
VIRTUA-23653	728423	When you selected a request on the Loans/Pages window and printed it, the item barcode associated with the request was not included in the printed output. This problem occurred even when the item barcode was configured to appear (via the Item Barcode setting on the Loans/Pages Setup window in the Profiler). This is fixed in Virtua 16.2 SP2. When you print a request, the fields included in the printed output match those configured to appear on the Loans/Pages Setup window.

Hong Kong Public Library

The following table details the fixed issues for this release.

ID	NetSuite	Fixed Issue Description
VIRTUA-23533	717957	HKPL only: In version 16.2 SP1, Virtua prevented some Profiler users from making changes that affected certain database tables. This caused an "ORA-00942: table or view does not exist" error message to appear when the user attempted to open any Virtua user profile. It also caused a "The database was not updated" error message to appear when the user clicked Save on the Supervision tab of the Add/Modify User window.

Library of Congress

The following table details the fixed issues for this release.

ID	NetSuite	Fixed Issue Description
VIRTUA-23582		<p>LoC only: A problem sometimes occurred when you attempted to add a binding invoice without specifying a binding list number on the Binding Invoice Request window. If you clicked Request, the software would correctly display the Choose a Binding List window. However, sometimes binding lists that had already been fully invoiced appeared on the Choose a Binding List window. This problem only occurred when a binding attribute with a vendor rate of zero had been applied to the binding list. This is fixed. Following this workflow no longer results in binding lists that have been fully invoiced appearing on the Choose a Binding List window. To clear a binding list that may still be incorrectly displayed on the Choose a Binding List window:</p> <ol style="list-style-type: none"> 1. Open each binding invoice associated with the binding list. 2. Change the binding invoice status to Approved. 3. Save the binding invoice.
VIRTUA-23474		<p>LoC only: Titles sometimes appeared on the Insert Box Title window even though the purchase order or purchase order line item associated with the title had been canceled. In version 16.2 SP2, canceled titles are no longer listed as candidates for shipping on the Insert Box Title window.</p>
VIRTUA-23619	728449	<p>LoC only: When you printed a receipt, Virtua sometimes failed to print the LCCN number associated with the bibliographic record in full. The problem only occurred when the LCCN (stored in the bibliographic record 010 tag subfield \$a) began with a zero. This is fixed. LCCNs now appear in full on printed receipts.</p>

Virtua Server

The following table details the fixed issues for this release.

ID	NetSuite	Fixed Issue Description
VIRTUA-23512	687498	A problem sometimes occurred when you attempted to use the MoveStateRecords.exe program to change the record state of a set of authority records. When the program processed a record with 1xx tag data that matched the 4xx tag data in another authority record, it failed to place the record in Error state. The same problem occurred when the program processed a record with 4xx tag data that matched the 1xx tag data in another authority record. The MoveStateRecords.exe program has been updated so that when it processes an authority record with conflicting 1xx or 4xx tag data, the program now displays a warning message and places the record in Error state.
VIRTUA-23616	728438	When Virtua transmitted a SIP message that contained the Transaction Reference Number (VR) field, the characters ".000000" were incorrectly added to the field data.

InfoStation

The following table details the fixed issues for this release.

ID	NetSuite	Fixed Issue Description
VIRTUA-22299	723038	InfoStation has been updated to eliminate a cross-site scripting (XSS) vulnerability.