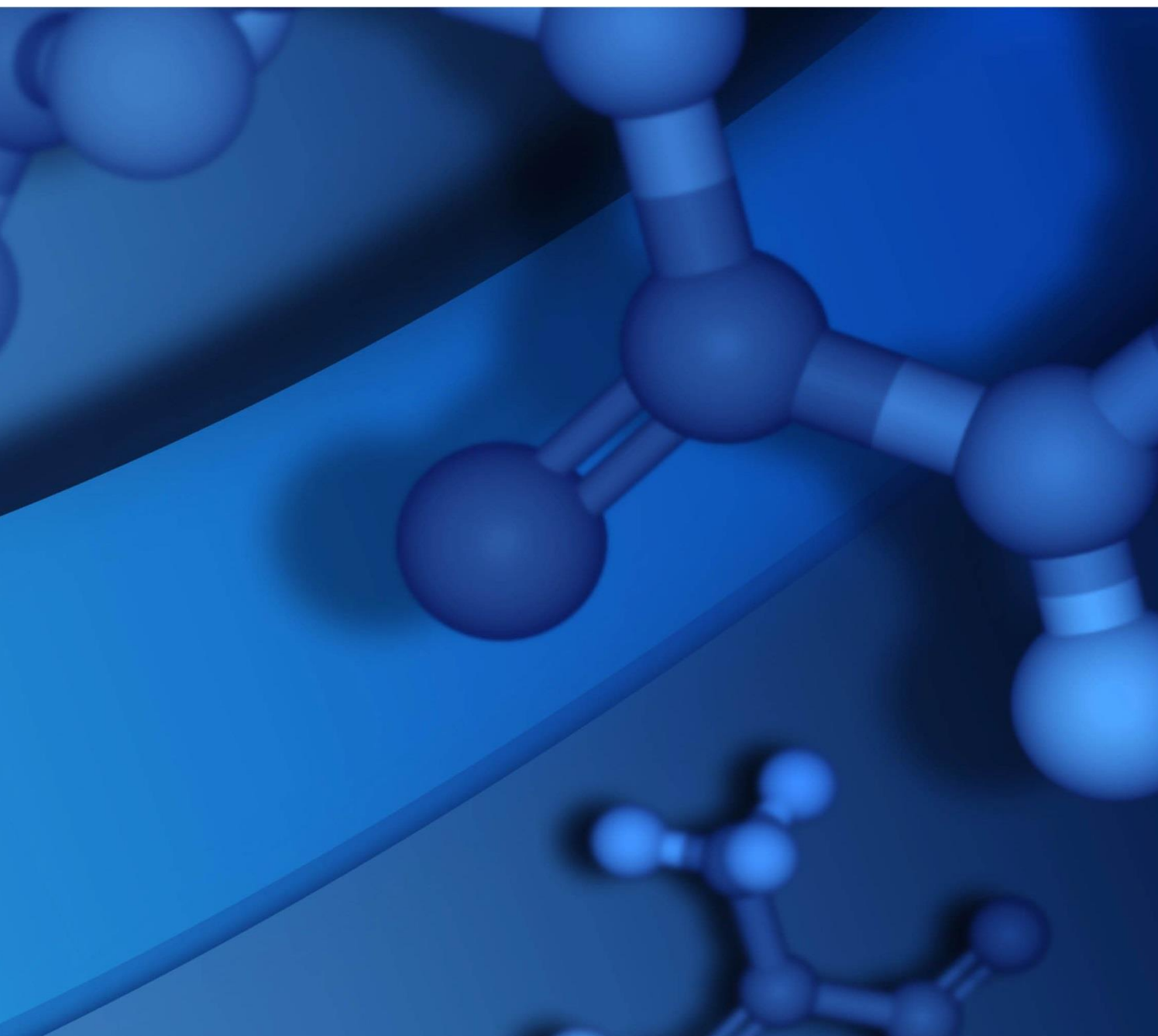


PRODUCT RELEASE DOCUMENT

BIOVIA Workbook

2021

Major



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Third Party Notification

Your BIOVIA Workbook 2021 installation contains third-party software components. For details, refer to the BIOVIA Program Directory at <https://media.3ds.com/support/progdir/>.

Acknowledgments and References

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Customer Release Details

Release of BIOVIA Workbook 2021

Release Type: Major

04 Nov 2020

Key Technical Points

- All client machines must be upgraded to the 2021 version of the BIOVIA Workbook Client. Previous versions of the BIOVIA Workbook Client are not supported.
- Before upgrading BIOVIA Workbook, users must check in all experiments. BIOVIA will issue a script to help customers identify checked out experiments before applying an upgrade.
- BIOVIA Workbook 2021 is a “secure release” that requires SSL using TLS1.2 and strong cryptography for all connectivity.
- Foundation Hub and Pipeline Pilot Server must be correctly configured for SSL security using TLS1.2 and strong cryptography. See the relevant installation guides for details about this process.
- Pipeline Pilot Server must be configured for domain authentication via Foundation Hub; SAML is not supported.
- BIOVIA Workbook 2021 no longer supports Windows Server 2012 R2 for the Vault Server. Customers must migrate existing Vault Servers to either Windows Server 2016 or Windows Server 2019 (recommended).
- BIOVIA Workbook 2021 includes many bug fixes related to forms and Pipeline Pilot protocols. Customers should pay particular attention and thoroughly test any customizations in those areas.
- The CISPro Material Resolver now uses the latest CISPro API.
- All templates provided with Workbook now have forced check-in enabled by default.
- Workbook 2021 now provides a script to track active users in a specified time period.
- Customers can now configure Workbook so that autonaming sequence skipping is minimized.
- The system can now be configured to disable the “Save As” dialog when closing an experiment, so changes cannot be discarded.
- BIOVIA Workbook 2021 is not compatible with BIOVIA Request. If you use BIOVIA Request and want to upgrade to Workbook 2021, contact Dassault Systèmes Support.

Support Dates

For information regarding currently supported releases and the dates on which mainstream support ends, see <https://www.3ds.com/support/policies-offers/lifecycle-policy/>.

For complete details about support policies, see <https://www.3ds.com/support/policies-offers/>.

Getting Help

If you have questions, visit Dassault Systèmes Customer Support at <https://www.3ds.com/support> and click either **Call us** or **Submit a request**.

System Requirements and Installation

System Requirements

The system requirements are identified in the *BIOVIA Workbook System Requirements*, which is included in the documentation .zip file.

Other BIOVIA Applications

If you are installing other BIOVIA applications, install the following applications before you install BIOVIA Workbook:

- BIOVIA Foundation 2021
- BIOVIA Pipeline Pilot 2021

Upgrade Paths

The following table identifies interim upgrades that *must* be installed before upgrading to 2021.

Current Version	Required Interim Upgrade
2020 HF1	None
2020	2020 HF1
2019 SP1	None
2019	2019 SP1
2018 SP1	2019 SP1
2018	2018 SP1 -> 2019 SP1
2017 R2	2018 SP1 -> 2019 SP1
2017	2018 SP1 -> 2019 SP1
2016	2018 SP1 -> 2019 SP1

Installation

See the *BIOVIA Workbook 2021 Vault Server Installation Guide*.

Release Notes

This section provides information about the new features, enhancements, fixed defects, and known issues in BIOVIA Workbook 2021.

Change Advice

Per the GAMP 5 and ICH Q9 Guideline, BIOVIA understands the requirement to apply Quality Risk Management to computerized systems. The Release Notes include Change Advice information to aid in the risk assessment of changes to a validated environment and determines the required effort to validate the release of BIOVIA Workbook. The Change Advice:

- Provides a measure of the potential harm of the issue in the environment
- Identifies the complexity of change

Risk Definition

- **High:** Update affects several distinct areas of the code or is in a complex area of the code
- **Medium:** Update affects a few distinct areas of the code or is in a stable area of the code
- **Low:** Update affects an isolated area of the code or is in a stable area of the code

New Features

- The system can now be configured to disable the “Save As” dialog when closing an experiment, so that changes to an experiment cannot be discarded.
- All templates provided with Workbook now have forced check-in enabled by default.
- The CISPro Material Resolver now uses the latest CISPro API.
- The full username is now displayed in Notebook Explorer and the Work In-Progress Homepage widget.
- Administrators can now run a script to identify all active users in a specified time period.
- When a Workbook session expires, the login window is no longer pinned as the top-most layer, blocking usage of other applications.
- The Timestamp button in the Text Section now reflects regional time/date formatting.

Enhancements

This release of BIOVIA Workbook includes the following enhancements.

Description	Areas Affected	Risk	User Story
Instances of Experiment Autaname sequences skipping numbers have been greatly reduced.	Administration	Low	NBK-12982
The Vault Superinstaller now properly configures IIS with the designated security certificate.	Administration	Low	NBK-32087
The Vault Admin Guide now describes how to use the Vault Configuration Tool.	Documentation	Low	NBK-27698
When a Workbook session expires, the login window is no longer pinned as the top-most layer, blocking usage of other application.	Login	Low	NBK-30641
All templates provided with Workbook now have forced check-in enabled by default.	Administration	Low	NBK-30745
The CISPro resolver is no longer limited to the container level when importing fields into Workbook.	Materials Section	Low	NBK-31124
The Timestamp button in the Text Section now reflects regional time/date formatting.	Text Section	Low	NBK-31186
The full username is now displayed in Notebook Explorer and the Work In-Progress Homepage widget.	Home Page	Low	NBK-31189
User name is now displayed instead of User Code in the Import from Experiment dialog.	Materials Section	Low	NBK-31236
TLS 1.2 is now the default setting for Workbook.	Administration, Security and Permissions	Medium	NBK-31306
Scientists can now search on content that is in the title of file attachments.	Search	Low	NBK-31396
All Vault Services now use the Oracle Managed Driver	Workflow	Medium	NBK-31697
Workbook deployment enables new CISPro resolver by default.	Administration	Low	NBK-31753

Description	Areas Affected	Risk	User Story
Audit History report no longer causes Oracle to stall when attempting to filter on Description "includes".	Audit History	Medium	NBK-31787
Administrators can now configure the system to automatically save recent changes before a document is closed, saved, or checked-in.	Administration	Low	NBK-31906
Workbook now longer hangs when attempting to open experiments with large numbers of Preparation and/or Preparation component rows.	Formulations Section, Preparations Section	Low	NBK-31942
Workbook will always use stand-alone Draw if it is installed; it takes precedence over embedded Draw.	BIOVIA Draw	Low	NBK-31969
Administrators can now run a script to identify all active users in a specified time period.	Administration	Low	NBK-31980
Workbook no longer allows the Windows 10 Storage Sense feature to delete content from the temp folder created by our Text Section.	Check In/Out, File Section, Text Section	Medium	NBK-32114

Fixed Defects

This release of BIOVIA Workbook includes the following fixed defects.

Severity	Description	Areas Affected	Risk	Defect
Critical	A user that does not have Read Data permission on an Experiment can no longer access the Experiment Audit History via the SDK.	Administration, Audit History	Medium	NBK-31232
Critical	A user that does not have Read Data permission on an Experiment can no longer access the Experiment Audit History via the context menu button via the Workbook API.	Administration, Audit History	Low	NBK-31233
Critical	SQL statements directly hard-coded in a SOAP request no longer bypass security measures.	Search	Medium	NBK-31484
Critical	Text sections are now always populated as expected.	Text Section	Medium	NBK-31647
Major	Expiration Dates are correctly imported from CISPro regardless of Workbook client time zone.	Materials Section	Low	NBK-31658

Severity	Description	Areas Affected	Risk	Defect
Major	The reaction scheme now always displays reactant and product labels when transferring a reaction to Workbook.	BIOVIA Draw	Medium	NBK-31661
Critical	Trailing zeroes (significant figures) are no longer removed from text boxes with DataType of real in Workbook forms.	Form Section	Medium	NBK-31678
Critical	Errors are no longer encountered when getting the history of a document using 'Vault.EventWorkspace' object in code	Audit History, Workflow	Low	NBK-31727
Critical	Text Box type Date in forms now works with regional formatting.	Form Section	High	NBK-31858
Critical	The timestamp no longer displays Incorrectly in the document Audit history when the GMT offset is currently different from when the record was created.	Audit History	Low	NBK-32071
Major	The DATA_DEFAULT column of the SITE.AUDITHISTORY table is no longer cleared by some deployment scenarios.	Administration	Medium	NBK-26978
Major	When a signature is required on a dropdown Combobox and the Combobox value is changed using the mouse wheel, the signature policy is now invoked.	Form Section, Audit History	Medium	NBK-29816
Major	Errors are no longer displayed when generating a report for an experiment containing a Task Plan section.	Experiment Report	Low	NBK-29827
Major	The Workbook Client installer no longer corrupts the current version registry setting of BIOVIA Draw.	BIOVIA Draw	Low	NBK-29944
Major	Editing a Properties Search no longer causes Workbook to crash.	Search	Low	NBK-30043
Major	Memory usage issues related to Japanese language setting on Microsoft Office have been resolved.	Image Annotation	Low	NBK-30128
Major	Documents with form fields containing greater than 4000 characters can now be opened.	Form Section	Low	NBK-30465
Major	Exporting Access History no longer fails when large number of records are selected.	Audit History	Low	NBK-30505

Severity	Description	Areas Affected	Risk	Defect
Major	Automated Type Measurements no longer behave differently at Preparation and Material Level.	Form Section, Formulations Section, Materials Section, Parallel Chemistry, Preparations Section, Reaction Scheme, Recipe Section, Table Section	Medium	NBK-30880
Major	The Signature History Report Builder now completes in a reasonable timeframe.	Reporting	Low	NBK-30999
Major	Symyx Workflow Utility now returns an error only if there is a failure.	Workflow	Low	NBK-31008
Major	EnableConnectionLossHandling is now set to false for Vault.	Administration	Low	NBK-31026
Major	When launching Pipeline Protocols from Workbook buttons, re-authentication is no longer required.	Form Section	Low	NBK-31290
Major	Partial check-out no longer occurs if Experiments are opened quickly after transitioning.	Check In/Out	Medium	NBK-31449
Major	Generating an Experiment report containing a form with multiple text boxes no longer results in vertically overlapping text boxes.	Form Section	Medium	NBK-31638
Major	Check Boxes and Labels no longer show their content outside of their container.	Form Section	Low	NBK-31667
Major	Copying and pasting a structure from Chemdraw 18 (outside the workbook) into the Material section now works.	ChemDraw Integration	Low	NBK-31673
Major	Indexing has been improved so that experiments are consistently returned from content searches and peptide exact and sub-structure searches. Additionally if one section in a document causes indexing errors, other sections still get indexed and the vault messaging service does not hang.	Text Section	Medium	NBK-31674
Major	Caching of permissions no longer leads to high memory usage.	Administration	Medium	NBK-31675

Severity	Description	Areas Affected	Risk	Defect
Major	Leading zeroes are no longer removed from text boxes with Data Type real in Workbook forms.	Form Section	Low	NBK-31679
Major	Decimal points in text boxes with Data Type real are more consistently handled.	Form Section	Low	NBK-31680
Major	Workflow Exceptions are no longer encountered when checking in an experiment.	Workflow	Low	NBK-31681
Major	Text boxes of Data Type real now handle regional date settings as expected.	Form Section	High	NBK-31684
Major	When Windows offline profiles are used, end-users can still create PDFs of Workbook Experiments.	Reporting	Low	NBK-31689
Major	New single-sign-on implementation of the Analyze tab now triggers a token refresh of the current token is expired.	Security and Permissions	Low	NBK-31686
Major	The system can now be configured to disable the “Save As” dialog when closing an experiment, so that changes to an experiment cannot be discarded.	Check In/Out	Low	NBK-31802
Major	Temp files can no longer be deleted while still in use by BIOVIA Workbook.	Check In/Out	Low	NBK-31808
Major	Launching a Pipeline Pilot protocol through the Workbook Analyze tab no longer causes errors.	Administration	Low	NBK-31864
Major	Experiments containing a Reaction List section no longer result in excessively long reports.	Reporting	Low	NBK-31867
Major	Comboboxes are now readable when switching between section and continuous layout.	Form Section	Low	NBK-31882
Major	Peptide searches are now working as expected with WB and Draw 32 bit Standalone Installation.	Search	Medium	NBK-31884
Major	Combobox selections can now be updated when more than one experiment is open.	Form Section	Medium	NBK-31910

Severity	Description	Areas Affected	Risk	Defect
Major	Material quicktext links now update even if they are located after the second date/time field entry in a text section.	Text Section	High	NBK-31967
Major	Workbook experiments now open as expected after applying MS patches (KB4566516, KB4565632, KB4565625) on Windows 10 machine.	Check In/Out	Low	NBK-32093
Major	Chinese and Japanese characters are now rendered correctly in the file section preview.	File Section	Low	NBK-32121
Major	Task Plan section now behaves as expected after results are updated from Capture recipe.	TaskPlan Section	Medium	NBK-32331
Minor	Vault Document Workflow no longer crashes intermittently.	Workflow	Medium	NBK-30619
Minor	Vault Workflow signature box no longer incompletely displays field to select meanings with Japanese language settings.	Signing	Low	NBK-31007
Minor	Form Textboxes with date types of real, date or integer no longer cause superfluous Audit History entries.	Audit History	Medium	NBK-31088
Minor	Scripted changes to form textboxes no longer result in superfluous Audit History entries.	Audit History	Low	NBK-31091
Minor	The Vault Server Installation Guide no longer provides unnecessary, outdated instructions for enabling Windows Server roles and features. The installation wizard handles enablement of the required features.	Documentation	Low	NBK-31319
Minor	The Timestamp button in the Text Section now reflects regional time/date formatting.	Home Page, Notifications	Medium	NBK-31475
Minor	The configuration exposed by the Web server intg-server.intg.local on the port 443 has been updated to reflect Best Security Practices	Check In/Out, File Section, Workflow	Low	NBK-31488
Minor	Workbook documentation has been corrected to state that the Vault Workflow Service must be started before Vault Message Processing Service.	Documentation	Low	NBK-31490

Severity	Description	Areas Affected	Risk	Defect
Minor	Errors are no longer displayed when accessing the Experiment History using the API.	Audit History	Low	NBK-31599
Minor	Properties search using "OR" on the same field now works as expected.	Search	Medium	NBK-31677
Minor	Material Quicktext now updates when the Material Name or Amount is changed in the Materials table.	Text Section	Medium	NBK-31683
Minor	Mapping error dialog now only appears once when using the CISPro Material resolver.	Notebook Explorer	Low	NBK-31866
Minor	When a user attempts to open an Experiment to which he/she has only ReadProperties permission a clear, understandable message is displayed.	Notebook Explorer	Low	NBK-31859
Minor	Dropdown fields in spreadsheets can no longer be edited if the spreadsheet is locked.	Spreadsheet Section	Low	NBK-31868
Minor	The serialization of the VaultObject.PendingContentHistory contains empty entries	Audit History, Check In/Out, Clone, File Section, Form Section, Login, Materials Section, Notifications, Preparations Section, Reaction Scheme, Recipe Section, Spreadsheet Section, Table Section, Text Section	Medium	NBK-31901

Known Issues

This release of BIOVIA Workbook has the following known issues.

Severity	Description	Defect
Major	If a user installs and then later uninstalls the 32-bit standalone version of Draw 2018 on a client workstation with an existing installation of Workbook 2018, the user will encounter errors.	NBK-28201

Severity	Description	Defect
Major	Enumerated structures are not displayed properly after executing enumeration.	NBK-29259
Major	Changes to embedded .JMP files are not maintained when .JMP files are re-opened from Workbook.	NBK-29420
Major	Excel spreadsheets that contain structures from Insight for Excel are not always rendered correctly in the File Section preview.	NBK-29509
Major	It is not always possible to insert a reference section to an Experiment in a folder that has more than 250 experiments.	NBK-29617
Major	Sig Field for Measurement properties is not always shown in the Windows 10 Japanese OS.	NBK-29629
Major	A Kanji character variation causes RAS indexing error.	NBK-29661
Major	When Hub is remote, VMPS fails to lock Task Plans according to the WorkflowStagesForLocking setting. A workaround for this issue is documented in the Vault Server Administration Tools Guide, in the topic "Locking the Task Plan at Specific Workflow Stages."	NBK-29672
Major	Users sometimes receive errors when attempting to print Workbook Experiment report.	NBK-29802
Major	If Signature Policies are applied to file sections, the Audit History will report the file as edited, even if it was only opened.	NBK-29850
Major	Japanese text entries must end with a carriage return in order for the text entry edits to be recorded in the experiment's audit history.	NBK-29903
Major	Workbook IDS fails to initialize when field names longer than 30 characters are used.	NBK-29908
Major	<p>Customers have reported the following error when saving an experiment to their Home Repository "Symyx.Framework.Vault.Exceptions.VaultObjectSynchronizationException: A newer version of the object was previously saved. This is not supported in the Home repository." This can happen in multiple scenarios:</p> <ul style="list-style-type: none"> Experiment check-in. A failed check-in is desired in this case because Notebook believes that some other source modified the committed data since your check out. This could be due to logging into cloned Vault data sets. Workaround: Save the experiment with a different name, close Notebook, clear the user's object cache. Exit Notebook. As of v6.9 this will only be seen in the server logs not on-screen. This can happen when a vault user is logged in from multiple clients and the user has made changes to his/her preference settings such as Current Notebook. Beginning with 6.9, the latest changes will get saved, which could potentially overwrite changes made during the session that closed first, from the other client. 	NBK-30033

Severity	Description	Defect
Major	The Last Modified On date for references is adjusted incorrectly for some time zones.	NBK-30056
Major	Minor differences in molecular weights are displayed in the Synthetic Chemistry section when using Markush structures.	NBK-30134
Major	Some experiments cause "Object Reference not set to an instance of an Object" errors when attempting to transfer back to the Reaction Scheme section.	NBK-30201
Major	If a Pipeline Protocol entry form in the Workbook Analysis tab contains more than one link, neither link is functional.	NBK-30230
Major	In Notebook Explorer and Notebook Homepage, custom columns are not populated in the Document grid unless the system is reindexed or a document is saved two times.	NBK-30346
Major	In some cases, reactants in parallel synthesis experiments are given the same label.	NBK-30553
Major	Property set updates are not reflected in the RAS schema after a fixed unit change.	NBK-30617
Major	Because Vault does not recognize server name extensions on Hub user groups, Hub groups that have the same base server names are mapped to the same Vault group.	NBK-30636
Major	When Vault Groups contain users that do not exist in Hub, Hub synchronization fails.	NBK-30637
Major	When BIOVIA Draw editor is launched through Workbook, importing SCSR Structures fails.	NBK-30765
Major	When a Material Section contains a Material with the Role Generic Material, no other materials appear in the Dilution Wizard in the Preparation section.	NBK-30983
Major	Synchronization of users between Hub and Vault fails when more than 100,000 users are present.	NBK-31038
Major	The "Rename a Repository" section of the Administration Tools guide needs to be updated to reflect the current correct steps.	NBK-31150
Major	Form Section date fields are full text indexed in Invariant Date format.	NBK-31420
Major	Generation of the PDF of an Experiment that contains a specific image causes Workbook to hang.	NBK-31504
Major	When using Workbook in Science Cloud Science Cloud IIS and ASP.net Version info is shown in headers	NBK-31518
Major	The system generates multiple re-authentication windows when the timeout limit is reached.	NBK-31653

Severity	Description	Defect
Major	Reports of Synthetic Chemistry experiment do not display the Reaction Scheme section if the Experiment contains a background form.	NBK-31725
Major	Large images are sometimes not displayed in Experiment reports.	NBK-31818
Major	Quick Text for Material PMI entries will work only in the case where the PMI row is complete, and no further changes or updates are carried out using the PMI function. If PMI is calculated/recalculated either before or after actual values are collected, the prior functional quick text will report "The referenced material was not found".	NBK-31929
Major	When launching Pipeline Protocols from Workbook buttons, re-authentication is sometimes required.	NBK-32147
Major	When launching Pipeline Protocols from Workbook buttons, re-authentication is sometimes required.	NBK-32149
Major	Workbook experiment do not always open as expected after applying MS patches (KB4566516, KB4565632, and KB4565625) on Windows 10 machine.	NBK-32162
Major	Workbook experiment do not always open as expected after applying MS patches (KB4566516, KB4565632, and KB4565625) on Windows 10 machine.	NBK-32163
Major	Workbook experiment do not always open as expected after applying MS patches (KB4566516, KB4565632, and KB4565625) on Windows 10 machine.	NBK-32164
Major	Workbook experiments do not always open as expected after applying MS patches (KB4566516, KB4565632, and KB4565625) on Windows 10 machine.	NBK-32165
Major	Generating an Experiment report containing a form with multiple text boxes sometimes results in vertically overlapping text boxes.	NBK-32166
Major	Comboboxes are blueed out when switching section and continuous layout.	NBK-32188
Major	In very rare situations a Citrix customer that has ForceCheckInOnClose configured may see a partial check-in scenario.	NBK-32190
Major	Workbook does not support some new features of Draw.	NBK-32211
Major	Full text search of PDF content does not work for certain words when Vault uses Oracle 19c.	NBK-32234
Major	BIOVIA Draw Sequence Clean feature sometimes causes Workbook to crash.	NBK-32241

Severity	Description	Defect
Major	A signing mechanism implemented on the Client-Side can be reverse-engineered to allow SQL access.	NBK-32249
Major	Alphabetic characters may be shifted in the Workbook report if Asian character settings are used.	NBK-32273
Major	The Material name column can be hidden in the Synthetic Chemistry table.	NBK-32277
Major	Sig Field for Measurement properties is not always shown in the Windows 10 Japanese OS.	NBK-32377
Major	Sig Field for Measurement properties is not always shown in the Windows 10 Japanese OS.	NBK-32378
Minor	Microsoft Standard Kai Font (kaiu.ttf /DFKai-SB) does not correctly show in preview.	NBK-29463
Minor	When the Experiment Status Report is generated as a .csv, Japanese characters are sometimes garbled in the resulting .csv file.	NBK-29532
Minor	Errors are sometimes encountered in Workbook when the BIOVIA Draw Display E/Z setting is turned on.	NBK-29564
Minor	The Production Enumeration process sometimes creates product structures that are rotated from the generic Markush product. Ideally the enumerated products would have the same orientation as the Markush product.	NBK-29565
Minor	Errors are sometimes encountered when an OLE object is clicked in Microsoft Word when using BIOVIA Draw that is bundled with BIOVIA Workbook.	NBK-29599
Minor	Some users cannot login in due to a site affinity error in certain customer environments.	NBK-29674
Minor	Error messages are sometimes displayed when transferring a chemical structure from Draw into Workbook.	NBK-29689
Minor	When Draw (Most Recent) is selected as the Workbook Structure Editor, haptic bonds are displayed incorrectly after transferring to the reaction scheme section.	NBK-29690
Minor	Experiment History sometimes displays repeat entries when filters are applied.	NBK-29707
Minor	User gets unhelpful error message when attempting to add multiple Task Plan sections to a Workbook experiment.	NBK-29710
Minor	Performance log gives unclear message for check in action.	NBK-29848
Minor	For multi-monitor workstations, sometimes not all search results are displayed from the Notebook Explorer Quick Search panel.	NBK-29896
Minor	When both English and non-English Keyboards are installed, the text section defaults to the English Keyboard, even if the language bar keyboard has been set to the non-English Keyboard.	NBK-29963

Severity	Description	Defect
Minor	Documents in an end-user's Private Repository are Opened for Edit even if the default setting is Open Read-Only.	NBK-29964
Minor	All Workbook Documents that are opened from the Inbox are opened for edit (if the end-user has the correct permissions), even if the Open Read-Only is the default setting.	NBK-29965
Minor	The Audit history for protected Excel files is not always correctly updated when the document is edited.	NBK-30083
Minor	Only part of page is used when generating PDF reports for Experiments that include tables or custom DPI scaling.	NBK-30175
Minor	Errors are sometimes encountered when attempting to save a search list that has a large search result set.	NBK-30182
Minor	The view settings in an Excel file in a Workbook file section revert to the default each time the file is opened from within Workbook, and they are not respected in the Workbook PDF report.	NBK-30223
Minor	In a cloned experiment, editing a structure does not clear the normalized structure.	NBK-30235
Minor	Haptic bonds are not recognized in the Import Materials dialog when performing an Exact Match search.	NBK-30270
Minor	Enhanced stereo group number is unexpectedly large when transferred from BIOVIA Draw to Workbook.	NBK-30352
Minor	PDF files are sometimes not generated as expected when using newer printers.	NBK-31499
Minor	Vault Server Install Documentation needs to be updated to include instructions to run SQL Statement PGA_AGGREGATE_LIMIT.	NBK-31860
Minor	Vault Server Installation Guide section on Load Balancing needs clarification.	NBK-31861
Minor	Indexing errors on some experiments containing certain structures can result in message processing handler stalls.	NBK-31863