Vault 22R1 Release Impact Assessment

The Release Impact Assessment (RIA) documents the new capabilities introduced in Vault in 22R1 that may affect a customer's Vault. We release a version of the RIA in advance of the general release. The Validation Impact Assessment, which contains validation information for new features that have validation impact in 22R1, will be available in the Veeva Compliance Docs (VeevaDocs) Vault on March 21st. Refer to the Enablement and Default Impact for each feature to determine the visibility and configuration requirements. On March 14th, the 22R1 Release Notes will be available. Refer to the Release Notes for additional details about each feature and data model changes in your Vault.

Revision Date:	19 Apr 2022

This feature list is subject to change prior to the 22R1 release. All changes after initial publication are listed in the Change Log. Updates will stop on April 23rd, 2022.

Feature:	Name of the feature introduced in 22R1
GxP Risk:	GxP risk analysis takes into account data integrity, security, and confidentiality assuming the feature is turned on (either automatically or via configuration). Veeva performs validation testing on all High and Medium GxP risk items.
High	May affect security, patient confidentiality, application areas that support GxP functions (audit trails, eSignature, etc.) or other ERES controls data
Medium	May affect core application functions (workflows, revision history, etc.)
Low	May affect metadata/notifications
N/A	The feature is a minor UI enhancement and not a functional change. The feature has no validation impact.
Enablement Setting:	Indicates whether the feature is available automatically, requires configuration by an Admin (an Admin area checkbox or a more complex setup), or must be enabled by contacting Veeva Support. Note that in some cases, an Auto-on feature is dependent on another feature that must be enabled or configured. In other cases, individual users (not Admins) need to perform some setup, for example, with new Reporting capabilities that require creation of a new report.
Default Impact:	Impact to business users and processes at Day 1 if no configuration occurs
Visible to All Users	Automatically on and visible to both Admins and end users
Visible to Admins Only	Only visible to Admins, or it requires configuration by an Admin before it is available to end users
None	Not visible in Vault unless enabled by Support

Clinical Operations	Application	Feature Name	GxP Risk	Enablement	Default Impact	Description
	CTMS	Monitoring Schedule Planning	Medium	Configuration	Visible to Admins Only	Monitoring Scheduling allows defining time-based plans for upcoming Monitoring vents. Monitoring Events are initiated by meeting defined milestones and recurring monitoring events can be scheduled based on a defined frequency. An optional Parameter can be defined to support multiple schedules within a study or study country.
	CTMS	RBSM: Critical Data & Processes	Low	Auto-on	Visible to Admins Only	This feature adds support for tracking Critical Data and Processes for a Study. As part of a Study Risk Assessment, users can define the data points and processes that are critical to study execution and link the records to Study Risks. Admins will need to configure page layouts to fully utilize this feature.
	CTMS	Support to Identify Non-enrolling Sites	Low	Auto-on	Visible to Admins Only	This feature automatically identifies when a Study Site has no Subjects enrolled when the "No New Subjects" field is checked. This allows users to easily identify and configure processes to inactivate related milestones for sites that did not enroll Subjects. *Auto-on in Vaults where Enable Automated Enrollment Milestones is enabled
	CTMS, Site Connect, Study Startup, Vault Payments, eTMF	Clinical Operations Data Model Changes	N/A	Auto-on	Visible to All Users	With every release, we update the data model to better support evolving needs and new feature functionality.
	CTMS, Study Startup, Vault Payments, eTMF	Milestone Roll Up Enhancements	Medium	Admin Checkbox	Visible to Admins Only	This feature delivers improvements to Milestone Rollup behavior. When the Milestone Rollups Enhancements setting is enabled and Rollup (Max date) and/or Rollup (Min date) Milestone Dependencies are configured, Vault will reassess roll up dates when a previous milestone date is set to null or a previous milestone is inactivated.
	CTMS, Study Startup, eTMF, Vault Payments	Restrict Document Study to Single Value	Medium	Admin Checkbox	Visible to Admins Only	This feature introduces a Vault-wide setting that disables certain Clinical functionality and restricts the Study document field to a single value.

CTMS, Study Startup, eTMF, Vault Payments	Automate Milestone State Changes: Additional Date Field Triggers	Medium	Auto-on	Visible to All Users	This feature introduces additional triggers that fire following the update of a milestone's planned start, planned finish, and actual start dates, and which updates other milestone date fields, metrics, and/or state without relying on lifecycle actions. This feature is Auto-on in Vaults where the "Automate Milestone State Changes" flag was already enabled. Other Vaults will require configuration.
Vault Payments	Site Payment Holdbacks	Medium	Configuration	Visible to Admins Only	This feature allows Vault Payments to identify fees that require holdbacks. Vault Payments now generates and manages holdback payment tracking and release for payment to study sites.
Vault Payments	Site Overhead Calculations	N/A	Configuration	Visible to Admins Only	Vault Payments can now define whether Fee and Fee Templates should expect the addition of Overhead. If added, Vault Payments will calculate the Total Amount field value with the matching Overhead Percentage.
Vault Payments	Subject Payment Tracking Rules	N/A	Configuration	Visible to Admins Only	This feature allows Vault Payments customers to add additional Payment Rules to their Fees. You can add Subject Status as a required criterion for a Visit or Procedure fee, and use Source Data Verification status as a criterion for a Visit fee.
CTMS<>CDMS	CDMS/ClinOps: Support for Multiple CDMS Vaults	Low	Configuration	Visible to Admins Only	Ability to connect a single CTMS vault to multiple CDMS vaults in the same domain
CTMS<>CDMS	CDMS/ClinOps: Single Study Refresh	N/A	Auto-on	Visible to Admins Only	Allows Vault Product Support to run a refresh job for a single study. This feature replaces the existing 'full refresh' capability.
eTMF	TMF Bot: Auto-Classification Enhancements	Medium	Auto-on	Visible to Admins Only	In 21R3 we enabled the TMF Bot for all Vault eTMF customers. This feature includes updates requested from our new-found Clinical AI customers. It includes changing auto-on models to .95 prediction confidence, and excluding Documents with null Pages when auto-training. Auto-on in Vaults with TMF Bot configured.

	eTMF	Clinical Email Ingestion: Relevant Communications	Medium	Configuration	Visible to Admins Only	This feature leverages platform email ingestion functionality to support inbound email addresses that will create a TMF document from an inbound message and relate it to a Study Communication Log record.
	eTMF	TMF Bot: Bulk Upload Pipeline	Low	Auto-on	Visible to Admins Only	This feature will extend the TMF Bot capabilities to scenarios where documents are uploaded in bulk to the Document Inbox. This includes: API, Vault Loader and FTP Loader. Auto-on in Vaults with TMF Bot configured.
	eTMF	Transfer CSV Reports for TMF Transfer	Low	Auto-on	Visible to All Users	This feature provides greater visibility into TMF Transfer activity on both the sending and receiving Vaults. Two CSV reports are now attached to each Agreement Transfer record to better show the specific Names and Global IDs of each transferred item.
	Study Startup, eTMF	Milestone Gating for EDL Item Requiredness	Medium	Configuration	Visible to Admins Only	This feature extends milestone gating support to check that all related EDL items have a requiredness value of "Required" or "Not Required."
	Site Connect	Cancel Site Connect Agreement Invitation	Medium	Configuration	Visible to Admins Only	This feature allows Site Connect customers to now cancel Pending Site Connect Study Agreements, deactivating the agreement and canceling the workflow task in SiteVault.
	Site Connect	Mark Site Connect Document as Rescinded	Medium	Configuration	Visible to Admins Only	With this feature, Site Connect customers can now take a "Mark Rescinded" user action on documents sent over Site Connect. Taking this action will update the 'Marked Rescinded by Sponsor/CRO' field to "Yes" on the corresponding document in SiteVault.
	Site Connect	Site Connect Details User Action	Low	Configuration	Visible to Admins Only	Site Connect customers can now access more details regarding a document's distribution to site(s) via a Site Connect Details user action. This action launches a dialog to display tracking information as well as the document's comment history exchanged with a site.
	Site Connect	Site Connect: Additional Vault Clinical Docs Support	N/A	Configuration	Visible to Admins Only	This feature adds support to transfer new document types via Veeva Site Connect.

	Application	Feature Name	GxP Risk	Enablement	Default Impact	Description
						- IP Storage Condition Excursion Documentation - Additional Monitoring Activity - Trial Initiation Monitoring Report
	Site Connect	Site Document Exchange Section	N/A	Configuration	Visible to Admins Only	This feature introduces a new section to the Study Site page layout that increases visibility into documents sent and received from Sites. This section condenses the five sections currently used to view this information into one section.
	Site Connect	Site Information on Documents	N/A	Configuration	Visible to Admins Only	With this feature, Site Connect customers can now see details regarding if a document version has been sent to Site(s), the date it was initially sent, and the last sent date directly from within the document's metadata.
	Site Connect	Summary Notification of Returned Documents	Low	Auto-on	Visible to All Users	With this feature, the specific Site Connect users who have sent document requests to sites over Site Connect will now be notified when documents have been returned in a summary email notification specific to a given Study Site.
	Site Connect, SiteVault Enterprise, SiteVault Free	Site Connect: Distribution Task Return Field Field Now Dedicated to Site	N/A	Auto-on	Visible to All Users	This feature has made a minor update to dedicate Distribution Task's Return Document Version and Return Comments fields to always contain the Site Document Version and Site Comments. Previously, Site Document Version and Site Comments could be contained in the Document Version and Document Comments fields under certain conditions.
	Study Startup	Non-User Viewing of Documents in Surveys	Medium	Configuration	Visible to Admins Only	This feature extends the Clinical capabilities on Checklists to allow non-users to view a Vault document in the context of completing a Checklist in Vault.
Commercial	**Application**	**Feature Name**	**GxP Risk**	**Enablement**	**Default Impact**	**Description**
	MedComms	CRM Data Sharing: Support Merged CRM Accounts	Medium	Admin Checkbox	Visible to Admins Only	This feature adds support to the standard integration between MedComms and Veeva CRM for sharing Medical Inquiry data to reflect the ability to merge duplicate accounts, maintaining consistency across the two products.

	MedComms	Customisable "From" Email Address for Case Response Emails	Medium	Configuration	Visible to Admins Only	This feature allows customers to configure a From email address for Case Response Emails sent from MedComms
	MedComms	Allow Case Response Emails to be Deleted	Low	Configuration	Visible to Admins Only	This feature allows users with the required permissions to permanently delete Case Response Email records from the system.
	MedComms	Medical Inquiry UI: Case Contact Section	Low	Configuration	Visible to Admins Only	This feature adds a configurable section to the Medical Inquiry user interface containing information on the Case Contact.
	MedComms	Medical Inquiry UI: Admin Page	N/A	Auto-on	Visible to Admins Only	This feature updates the dedicated Medical Inquiry user interface configuration screen to provide a better user experience for Admins.
	MedComms	Medical Inquiry: CRM Inquiry Pull Job Timing Enhancement	N/A	Auto-on	Visible to All Users	With this release the Medical Inquiry Recurring Inquiry Pull job will base its CRM query based on the start of the last successful Account Pull job. This change helps to ensure that all accounts referenced in the Medical Inquiries exist within MedComms.
	MedComms, Multichannel, PromoMats	CRM Document Field Label Updates	N/A	Auto-on	Visible to All Users	This feature updates the names of several fields in PromoMats, MultiChannel, and MedComms Vaults.
	MedComms, PromoMats	External Viewer: Number Of Views	Low	Configuration	Visible to Admins Only	This feature allows users to report on the number of views through an external viewer per document. Users can also report on which external viewer was used.
	MedComms, PromoMats	Transparency Support in Automated Image Renditions	Low	Configuration	Visible to Admins Only	Allow transparency from source images files to be retained when generating renditions using automated image renditions
	MedComms, PromoMats	Commercial Data Model Changes	N/A	Auto-on	Visible to All Users	With every release, we update the data model to better support evolving needs and new feature functionality.
	PromoMats	Modular Content Approval Document Additional Lifecycle Support	Low	Auto-on	Visible to Admins Only	With this release, Admins can associate the Module Content Approval Document with any lifecycle while still successfully generating the Approval Document.
	PromoMats	Automated Image Rendition: Include Source Document Name	Low	Configuration	Visible to Admins Only	For Automated Image Rendition types, Admins now have the option to

	Application	Feature Name	GxP Risk	Enablement	Default Impact	Description
						concatenate the document name with the rendition type.
	PromoMats	Document Notifications: Support for "Based On" Relationship	Low	Configuration	Visible to Admins Only	This feature provides the ability to notify the Document Owner of a document that is related to a document via the "Based On" Relationship.
	PromoMats	eCTD Binder Generation Failure Notifications	N/A	Auto-on	Visible to All Users	With this release, Vault provides more detailed notifications when eCTD binder generation failures occur due to insufficient permissions or other configuration related causes.
	PromoMats	Modular Content Approval Document Enhancements	N/A	Auto-on	Visible to All Users	This feature expands the functionality and generation of the Content Module Approval Documents.
Mobile	**Application**	**Feature Name**	**GxP Risk**	**Enablement**	**Default Impact**	**Description**
	Station Manager	QR Code Reader for Android Station Manager App	Low	Auto-on	Visible to All Users	QR Code Reader available in the Android Station Manager app that enables a user to access Station Manager URLs from within the mobile app.
	Station Manager	QR Code Reader for iOS Station Manager App	Low	Auto-on	Visible to All Users	QR Code Reader available in the iOS Station Manager app that enables a user to access Station Manager URLs from within the mobile app.
	Station Manager	Background Sync on iOS	N/A	Auto-on	Visible to All Users	Station Manager on iOS will now attempt to perform the sync while the app is in the background.
	Vault Mobile	eSignature Fallback for SSO Users	High	Auto-on	Visible to All Users	Vault Mobile Enterprise (SSO) users without biometrics on their device can complete eSignatures by verifying their login credentials with their corporate identity provider. *This feature may not be validated in pre-release Vaults.
	Vault Mobile	Vault Mobile Share to Vault	Medium	Auto-on	Visible to All Users	Vault Mobile users can ingest content into Vault by "sharing" files on their device into Veeva Vault mobile app using the standard sharing mechanism supported by their mobile OS. The app ships with one Sharing Action which allows users to create unclassified documents. Customers can also build custom Sharing Actions to perform other actions on the ingested files based on specific business

						needs. *This feature may not be validated in pre-release Vaults.
Platform	**Application**	**Feature Name**	**GxP Risk**	**Enablement**	**Default Impact**	**Description**
	Platform	OAuth 2.0/OpenID Connect profiles: Preferred Microsoft Authentication Library (ADFS)	High	Auto-on	Visible to Admins Only	In OAuth 2.0/OpenID Connect profiles (domain administration), a domain administrator can set a preferred authentication library (MSAL or ADAL) when selecting ADFS as an Authorization server provider. This information is used at runtime by Vault File Manager to load the appropriate authentication library. *This feature may not be validated in pre-release Vaults.
	Platform	Object Control Security	High	Auto-on	Visible to Admins Only	Object Controls are application specific UI controls that can be displayed in certain Vault applications on record detail pages. Administrators can secure Object Controls at the security profile level, using permission set configuration. Object Controls can be also secured by configuring Atomic security on the Object Lifecycle state details page. Please refer to your application-specific documentation for additional details on how Object Controls are used in Vault applications
	Platform	Password Security Policies: Password Reset Rate Limit	High	Auto-on	Visible to Admins Only	A domain administrator can configure security policies of type password with a maximum number of password resets that can be requested by a user from the login page in a 24 hour window. While the value is set to unlimited on existing security policies, this limit can be set to either unlimited (no maximum limit applied) or to a value between 1 and 10 (default is 10 on new security policies). *This feature may not be validated in pre-release Vaults.
	Platform	Security Policy Inactivation	High	Auto-on	Visible to Admins Only	Domain administrators can inactivate a security policy preventing its selection when assigning a security policy to a user. Security policies can be also deleted if no users are assigned to it.

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					*This feature may not be validated in pre-release Vaults.
Platform	Remove eSignature in Workflows	High	Configuration	Visible to Admins Only	Workflow administrators can now remove signatures on documents when a workflow is cancelled or during the workflow using a Workflow Cancellation Action or a Content Action. Signatures can only be removed on the current active workflow, and can be removed for a specific task and verdict.
Platform	Migration Mode with Relaxed Validation Rules	Medium	Auto-on	Visible to Admins Only	With this release, Vault bypasses validation rules and reference constraints when creating records in migration mode via Vault Loader or configuration migration packages. Migration mode continues to allow record creation in any lifecycle state. With this change, the audit trail will now append "in migration mode" in the event_description. For example, if the previous description was "Vehicle : VEH-000007 created", the new description is "Vehicle : VEH-000007 created in migration mode".
Platform	Caption Bookmark Exclusions	Medium	Configuration	Visible to Admins Only	Admins can exclude specific captions when generating bookmarks and can control generation of "Lists of" bookmark sections based on captions, which previously required enablement from Veeva Support.
Platform	Checklists: Add Reference Documents to Questions	Medium	Configuration	Visible to Admins Only	Checklist designers can link one or more Vault documents to their questions as reference material for checklist respondents to review when providing answers in the checklist.
Platform	Checklists: Dependent Sections	Medium	Configuration	Visible to Admins Only	Multiple-choice question responses can now control the appearance of one or more sections in a checklist
Platform	Create Draft Maintains Current Version in Workflows	Medium	Configuration	Visible to Admins Only	Allows Admins to keep documents on the current version instead of the latest, when Create Draft action is taken.
Platform	EDLs: Configurable States for Document Version	Medium	Configuration	Visible to Admins Only	Customers can configure which document lifecycle states support document version

		Locking				locking for EDL matched items allowing customers to lock document versions in states other than steady or superseded. The EDL Match Job will take a little longer to complete the first time it runs after this update due to the data model updates. The completion time for subsequent runs of the EDL Match Job will return to their normal run time.
	Platform	Collaborative Authoring Troubleshooting Page	Low	Auto-on	Visible to Admins Only	This feature introduces a logs page that allows users to view all Microsoft Graph API errors that occur when using Collaborative Authoring with Microsoft Office.
	Platform	Configuration Management: Migrating Document Tags Between Vaults	Low	Auto-on	Visible to Admins Only	Document Tags can now be migrated with Vault Packages (VPK) between Vaults and can be viewed in Vault Configuration and Comparison reports. *Auto-on in Vaults with Outbound and Inbound Packages enabled
	Platform	Consistent Steps Across Workflows	Low	Auto-on	Visible to Admins Only	Makes steps consistent across Workflows on Documents and Objects. An Action step combines Object State Change, Update Record Field and Update Related Record Field, and allows users to perform them conditionally. Additionally, state changes performed within an Action step no longer check entry criteria or fire entry actions when the target state is the same as the existing state.
	Platform	Email to Vault: Create Records for Bounced Emails	Low	Auto-on	Visible to Admins Only	With this feature, when Vault bounces an inbound email because it is considered spam or because the sender fails SPF or DKIM authenticity checks, it now creates an Email object record in the Bounced lifecycle state. This provides Admins with the ability to report on bounced emails, inspect these emails, and have Vault process them if deemed legitimate.
	Platform	High Volume Object Multi-Value Picklist Field	Low	Auto-on	Visible to Admins Only	This feature provides support for the multi-value picklist field in high volume objects. You can create up to two (2) multi-value picklist fields per high volume object.
	Platform	SDK Runtime Logs	Low	Auto-on	Visible to Admins Only	This feature adds a new type of Vault

						Java SDK log, the Runtime log, which captures runtime data about your Vault Java SDK solutions for troubleshooting.
	Platform	Auto-Populate Rendition PDF Metadata	Low	Admin Checkbox	Visible to Admins Only	This feature will populate the basic document metadata in a PDF's document properties based on the original source document's properties. This feature will apply to all supported Microsoft Office source document types (Word, Excel, and PowerPoint). Fields populated by this feature are the Title, Author, Subject, and Keywords. This feature is turned on by enabling a new Vault rendition setting called "Include source document properties in the Viewable Rendition".
	Platform	Auto Claims Linking: View Claim Details from Select Claims Dialog	Low	Configuration	Visible to Admins Only	When manually linking to Claims, users can click to view the Claim record in detail from the Select Claim dialog.
	Platform	Expanded Search with Related Records	Low	Configuration	Visible to Admins Only	Users can expand searches beyond a source object to include related objects within the same collection.
	Platform	Multidirectional & Phrase Synonyms	Low	Configuration	Visible to Admins Only	Thesaurus entries can now be multidirectional, meaning that regardless of whether a user searches for a term or its synonym, the search will include results for both. Synonyms can also include more than one word.
	Platform	Notifications: Email Burst Threshold	Low	Configuration	Visible to Admins Only	Admins can set a burst threshold for the number of emails Vault sends for the same notification template in a 30-minute period.
	Platform	RecordByLabel() Function in Expressions	Low	Configuration	Visible to Admins Only	This feature allows users to return object references based on object record labels in expressions. This feature is only available in workflow and lifecycle actions.
	Platform	Remove Default Task Link in Labels	Low	Configuration	Visible to Admins Only	This feature allows Admins to turn off the default link provided with the task label.
	Platform	Scheduled Data Exports: Initial Full Data Export	Low	Configuration	Visible to Admins Only	This feature provides users with the ability to export all of their Vault object data and document metadata records so that downstream data warehouses and data lakes can be initialized with all data prior to receiving the daily data exports.

	Platform	Skip Document State Change in Object Lifecycle Entry Action	Low	Configuration	Visible to Admins Only	This feature allows workflow administrators to skip related document state changes when the document version is not found.
	Platform	Bulk Actions on Record Actions	N/A	Auto-on	Visible to Admins Only	Allows record actions defined using the Vault Java SDK to appear in bulk actions.
	Platform	Configuration Management: Allow Outbound & Inbound Packages Enabled by Default on Align Vaults	N/A	Auto-on	Visible to Admins Only	Align Vaults will now have Allow Outbound Packages and Allow Inbound Packages enabled by default. These settings can be found under Admin -> General Settings -> Configuration Management
	Platform	Configuration Management: Comparison of XMLString Component Attributes when Deploying Packages	N/A	Auto-on	Visible to Admins Only	Admin users can view and compare XMLString attribute values of components between the inbound package and the target Vault before the package is deployed. *Auto-on in Vaults with Inbound Packages enabled
	Platform	Data VPK: Validate VQL in Dataset Filter	N/A	Auto-on	Visible to Admins Only	This feature allows users to validate Criteria VQL prior to saving a dataset filter. *Auto-on in Vaults with Outbound Packages enabled.
	Platform	Enhancements to Reference Lookups	N/A	Auto-on	Visible to Admins Only	This feature is to enhance the Reference Lookup support to include mapping from source key to static text.
	Platform	Jobs: Disable Session ID Token in External URL Call Configuration	N/A	Auto-on	Visible to Admins Only	Session ID tokens in the external URL call job configuration are no longer supported and will not work in this release. Please update your job definitions to use the Post Session Credentials via Form Data with Key "Session.id" option.
	Platform	Jobs: Display Start Time for Completed Jobs	N/A	Auto-on	Visible to Admins Only	The job start time is now displayed in the job history table in the Job Status page allowing admin users to quickly see when a job was started and completed
	Platform	Object and Document Field Types for Integration Field Rules	N/A	Auto-on	Visible to Admins Only	This feature allows Vault Admins to configure the field type for an Object or Document Query Field in Field Rules. Additionally, developers can access this value in Vault Java SDK and use the value to create call-back VQL queries with the necessary VQL functions such as

						LONGTEXT(), RICHTEXT, and TONAME().
	Platform	Platform Data Model Changes	N/A	Auto-on	Visible to Admins Only	With every release, we update the data model to better support evolving needs and new feature functionality.
	Platform	Record Migration Mode: Suppress Email During User Task Creation	N/A	Auto-on	Visible to Admins Only	When User Tasks are created during Record Migration Mode through Vault Loader or API, email notifications are not sent for assigned or completed tasks.
	Platform	Scheduled Data Exports: Escaping Characters in CSV Output	N/A	Auto-on	Visible to Admins Only	This feature makes several changes to the way Vault escapes characters in Scheduled Data Exports. *Auto-on in Vaults with Scheduled Data Exports enabled
	Platform	Scheduled Data Exports: Including Inactive Document Fields by Default	N/A	Auto-on	Visible to Admins Only	Vault automatically includes inactive document fields in exports when users select the Document entity in a scheduled data export.*Auto-on in Vaults with Scheduled Data Exports enabled.
	Platform	Scheduled Data Exports: Increased Precision on Field Values	N/A	Auto-on	Visible to Admins Only	Currency fields exported in Vault Objects now have an extra decimal place. For example, 1.0 now exports as 1.00. Additionally, DateTime fields on Document and Document Version exports now include seconds in the timestamp. *Auto-on in Vaults with Scheduled Data Exports enabled
	Platform	Scheduled Data Exports: Uploading CSV Files to S3 with Bucket Owner Full Control ACL	N/A	Auto-on	Visible to Admins Only	Customers using a self-managed AWS S3 bucket as a storage option for Scheduled Data Exports can be the S3 object owner for every export file uploaded to the bucket. *Auto-on in Vaults with Scheduled Data Exports enabled and using Custom Amazon S3 Bucket as the storage option.
	Platform	Updated UI Style on Users & Groups Pages	N/A	Auto-on	Visible to Admins Only	We have updated the Security Profiles, Permission Sets, and Groups list views (Admin > Users & Groups) with our new UI style. This feature was added in 21R3.2.
	Platform	User Role Object Moving to HVO	N/A	Auto-on	Visible to Admins Only	The User Role system object (user_role__sys), which is used to store user role assignments, is moving to high volume to deliver increased performance

						and scalability. The data store for this object is set to high_volume.
	Platform	Vault Compare Report: Header Rows Frozen by Default	N/A	Auto-on	Visible to Admins Only	Column headers in each sheet in the Vault Compare workbook are now frozen by default so that users can easily understand which fields they are viewing while scrolling through the report
	Platform	Vault Configuration & Compare Report: Details for Auto Managed Group Field Order Security Settings	N/A	Auto-on	Visible to Admins Only	Security settings for Auto Managed Group Field Order in the Vault Configuration and Compare Reports will now display each object and its fields in individual rows making it easier to understand the configuration and aligning it with how the settings are displayed in the UI
	Platform	Vault Configuration & Compare Reports: Reporting Full MDL of Object Lifecycle State Entry Action Rules	N/A	Auto-on	Visible to Admins Only	The Vault Configuration and Compare reports will now report on the formula used in an Object Lifecycle State Entry Action by providing the full value of the rule attribute in the Objectlifecyclestateentryaction sub-component
	Platform	Vault Configuration Report: Cover Page Title for Object Data Workbook	N/A	Auto-on	Visible to Admins Only	The Object Data workbook generated with the Vault Configuration report now adds ": Object Data" to the title in the cover page so that users can quickly understand which workbook they are viewing
	Platform	Vault Tokens	N/A	Auto-on	Visible to Admins Only	This feature introduces a new Component Type, Vaulttoken, that allows developers to configure Vault-wide tokens which can be used in Http Callout and the Spark Framework.
	Platform	Populate Object Reference Fields with Workflows & Lifecycles	N/A	Configuration	Visible to Admins Only	Provides the ability to update object reference fields in lifecycle or workflow actions using expressions.
	Platform	Checklists: Hide Unseen Questions on Review Page	Medium	Auto-on	Visible to All Users	The checklist review page no longer displays dependent questions that the respondent did not see when completing the checklist
	Platform	Google Drive Integration: Upload Files	Medium	Auto-on	Visible to All Users	This enhancement allows users to browse for and select files from their Google Drive when creating a new document, creating a draft, uploading a new version, or uploading a file to a placeholder in Vault
	Platform	Vault Loader: Updating	Medium	Auto-on	Visible to All Users	Vault Loader now provides the ability to

		User & Group Role Assignments on Object Records				assign and remove users and groups from object record roles for objects that have custom and matching sharing rules enabled. *Auto-on in Vaults with Vault Loader enabled.
	Platform	Verdict Information & Reporting on Removed Documents	Medium	Auto-on	Visible to All Users	Allows users to report on removed documents and review verdict information on removed documents.
	Platform	Additional Document Field Support in Reports	Low	Auto-on	Visible to All Users	Vault supports the Checked Out By, Checked Out Date, Checked Out, and Description fields on Document reports.
	Platform	Annotate Usability Improvements	Low	Auto-on	Visible to All Users	UX enhancements relating to viewers and annotations, including improvements to annotation filters (Filter Authors to Include Replies, Differentiate Document and Perma Link Annotations), Rotate All Pages, Improved Access to Fit Width, Fit Height and Full Screen, Improve In-Page Interactions with Unsaved Annotations, Apply Action UI Note Colors to Notes View, and a Strict Permission Option for Copy Text.
	Platform	Copy Text from Viewer	Low	Auto-on	Visible to All Users	Vault users can copy text from Vault documents by holding down the C key while selecting text. The copied text is then saved to the user's clipboard. This option is available in both View and Annotate modes, to authenticated Vault users only.
	Platform	Download Rendition Files to Vault File Manager	Low	Auto-on	Visible to All Users	When downloading renditions from a vault document, users with appropriate permissions will have a new option to Download to Vault File Manager. If the file is over 4 GB, vault will suggest the user a link to download the file to Vault File Manager, instead of attempting to download in the web browser using the standard download rendition action.
	Platform	Editable Bookmarks	Low	Auto-on	Visible to All Users	When enabled, this feature allows users to edit certain attributes of Bookmarks in the Bookmark panel of Doc Info. Once saved, the edited bookmarks are persisted in the Viewable Rendition. Supported actions include Rename, Move Up, Move Down, Promote, Demote and

					Delete. This feature is auto-on in RIM Vaults, and enabled by Admin setting in all other Vaults.
	Platform	Enhanced Stages Chevron Card for Workflows	Low	Auto-on	Visible to All Users	Displays an updated lifecycle stage chevron card that shows actions on open tasks and workflow information.
	Platform	Export Report to Formatted Excel	Low	Auto-on	Visible to All Users	This feature allows users to export reports as they are displayed in the report viewer. Users can download the full data or grouped summary of the report in an Excel format.
	Platform	Field Centric Strict Matching	Low	Auto-on	Visible to All Users	To facilitate multi-term synonym searches, Vault updated how multiple terms are searched. This allows a search like "myocardial infarction" to be found in the thesaurus as a phrase and match to other phrases like "heart attack". This update also makes the Strict matching option more field centric, meaning that the minimum required matching terms must be found in the same field rather than multiple fields as it was previously. Strict matching is optional so it can be enabled or disabled at anytime under Admin > Settings > Search Settings.
	Platform	Filter Envelope Tasks by Document Fields	Low	Auto-on	Visible to All Users	Allows users to filter Envelope tasks by the fields of the documents inside the envelopes.
	Platform	Multi-Pass Formula Fields Enhancements	Low	Auto-on	Visible to All Users	With this release, Vault supports formula fields on Multi-Pass reports created using Binder, Relationship, and Workflow report views, along with improved performance on formula fields on Multi-Pass reports overall.
	Platform	Name Fields Support the In Operator for Report Filters	Low	Auto-on	Visible to All Users	Users can view and select the names of the object or document records and add them as filter values in a report. This feature also adds the conditional operator "in" to the report filters for the Name fields.
	Platform	Notifications on Replies to Notes	Low	Auto-on	Visible to All Users	This enhancement provides notifications to users whenever another user replies to one of their note annotations. As part of this feature, Vault also limits the number

						of notifications from a single annotation event in order to prevent redundant notifications. For example, if someone adds a new note, or replies to an existing note on a Favorite document, or if someone mentions the user when composing a note or reply, Vault will only send one notification.
	Platform	Notifications: View Full Content in Panel	Low	Auto-on	Visible to All Users	The content of longer notifications can be expanded directly within the notification panel so users can view up to 25 lines of text without opening the notification page.
	Platform	Optional Prompts in Reports	Low	Auto-on	Visible to All Users	This feature allows report editors to make a report prompt optional. Users can either skip the prompt or can keep it blank to filter on blank or null values.
	Platform	Pause & Resume Uploads & Downloads with Vault File Manager	Low	Auto-on	Visible to All Users	This feature allows users to pause and resume in progress uploads and downloads in the Vault File Manager application.
	Platform	Required Overlays	Low	Auto-on	Visible to All Users	This feature introduces a new default behaviour to Vault and will prevent the download of Viewable PDF Renditions when overlays fail to apply. Additionally Vault Administrators will have the ability to identify overlay templates as optional in the event an overlay fails to apply.
	Platform	Search by Name on High Volume Object Tabs	Low	Auto-on	Visible to All Users	Users can now search High Volume Objects by name using the search bar on High Volume Object tabs.
	Platform	Show More on Tasks in Home Pages	Low	Auto-on	Visible to All Users	Provides additional task and workflow information on the homepage, and allows Admins to configure whether users may complete a task directly from the homepage.
	Platform	Significant Figures in Expressions	Low	Auto-on	Visible to All Users	This feature modifies the Round function to accept an optional parameter that can either be "significant" or "significant-astm".
	Platform	Today Link for Date Fields on Doc Info Page	Low	Auto-on	Visible to All Users	This enhancement adds a Today link next to any Date field that will automatically stamp today's date when clicked.
	Platform	Today Link for Date Fields	Low	Auto-on	Visible to All Users	This enhancement adds a Today link next

		on Object Record Detail Page				to any Date field that will automatically stamp today's date when clicked.
	Platform	Workdays & Holidays	Low	Auto-on	Visible to All Users	This feature allows users to perform calculations in expressions that factor out weekends and holidays, making timeliness metrics and due dates more accurate.
	Platform	Audit Trail Enhancements to Track Lookup Field Changes in Object Records	N/A	Auto-on	Visible to All Users	This enhancement allows the Audit Trail to log an entry on object records with lookup fields whenever the values change due to source field changes, reference object changes, and changes caused by lookup field initializations.
	Platform	Auto Claims Linking: Ignore Superscript & Subscript Characters When Matching to Claims	N/A	Auto-on	Visible to All Users	This feature allows Vault to ignore superscript and subscript characters at the end of words in documents when determining matches to approved Claim records.
	Platform	Breadcrumb Enhancements for Object Tabs	N/A	Auto-on	Visible to All Users	As users start viewing data in an Object tab, each click to view details of a record or drilldown to view a related record or document, is tracked by the breadcrumb. Mouseover the breadcrumb displays a hovercard to help users identify the previously viewed record before navigating back to that page. Previously bookmarked Object Record Detail pages will no longer display the breadcrumb generated at the time the page was originally bookmarked. Such breadcrumbs are stale and prone to errors as data changes over time.
	Platform	Deprecate Office Online Feature	N/A	Auto-on	Visible to All Users	After the 22R1 release, any documents that are checked out to Office Online™ will no longer be accessible, and these check outs will automatically be cancelled by the system. Documents that are checked out to Office Online™ can be checked back into Vault only until 22R1.
	Platform	Document Upload UI Enhancements	N/A	Auto-on	Visible to All Users	Updated icons and UI for Create New Document, Create New Draft, Upload New Version, and Upload to Placeholder
	Platform	Enhanced Bulk Document Update: Validation Behavior	N/A	Auto-on	Visible to All Users	This enhancement to bulk document update validation introduces a generic

						error message in cases where no error message was previously defined. Vault now also displays an error if a user attempts to update a read-only field on a document.
	Platform	Learn More Links: Vault Help Update	N/A	Auto-on	Visible to All Users	Updates "Learn More" links to target new Vault Help site.
	Platform	Legacy Feature Enablement Updates	N/A	Auto-on	Visible to All Users	The "Enable checkout to Office Online" feature is now disabled on all Vaults.
	Platform	New Certificate for SAML SSO & Spark Messaging Connection	N/A	Auto-on	Visible to All Users	Veeva Vault is scheduled to perform the rollover of the signing certificate used to sign SAML Single Sign-on requests and Spark Messaging connections. There is no expected downtime. However, user logins may be affected if proper action is not taken. See the notification at the following URL for more information: https://veeva-trust.statuscast.com/#!/incident/331465
	Platform	Norwegian Language Support	N/A	Auto-on	Visible to All Users	Vault now supports exporting and importing Norwegian dynamic messages.
	Platform	Rich Text/Long Text Pop-up Window Size Update	N/A	Auto-on	Visible to All Users	This change makes the Rich Text and Long Text field pop-up window size bigger when viewing a record so that it is the same size as when editing the record. This change provides a consistent experience between viewing and editing Rich Text and Long Text fields.
	Platform	Text Indexing & Combination Enhancements	N/A	Auto-on	Visible to All Users	This enhancement improves Vault's ability to correctly index, find, and highlight text in documents that contain specific kinds of punctuation that serve as word separating characters, including periods, commas, semicolons, and dashes. This enhancement also improves its ability to handle formatting variations of single and double quotation marks.
	Platform	Vault Loader: Disabling Workflow System Objects from Load or Extract Requests	N/A	Auto-on	Visible to All Users	The envelope__sys and envelope_content__sys system objects are no longer available for load or extract using Vault Loader. *Auto-on with Vault Loader enabled
	Platform	Vault Loader: Log Skipped	N/A	Auto-on	Visible to All Users	Vault Loader failure logs now include any

	Application	Feature Name	GxP Risk	Enablement	Default Impact	Description
		Lines in Failure Log				input CSV lines that were skipped due to errors. *Auto-on with Vault Loader enabled
	Platform	Vault Loader: Return Updated Roles in Success Log	N/A	Auto-on	Visible to All Users	When updating document roles using Vault Loader, the success log now contains the updated role IDs. *Auto-on with Vault Loader enabled
	Platform	Workflow Action Menu for Documents: Drop-Down Behavior Update	N/A	Auto-on	Visible to All Users	Previously when only one state change or workflow was available from the action chevron, the state change or workflow was immediately started when the chevron was clicked. The dropdown will now be displayed when clicking the chevron even if there is only one available action.
	Platform	Workflow Action Menu for Objects: Drop-Down Behavior Update	N/A	Auto-on	Visible to All Users	Clicking on a chevron button with only state change or one workflow action available now displays a drop-down instead of initiating that action. Users can then click on that action label in the drop-down to initiate it, or elsewhere to cancel.
	Platform	End of Support for Microsoft Internet Explorer Browser	N/A	N/A	Visible to All Users	The Vault 22R1 release does not support the Microsoft Internet Explorer browser. This browser is no longer supported in Vault going forward.
	Platform	Changes to FTPS Cipher Suite	N/A	Auto-on	None	Starting in 22R1, Vault will no longer support TLS1.0 and TLS1.1 when connecting to the File Staging Server using FTPS. These changes may affect custom integrations, but Vault UI users will not be affected.
Quality	Application	Feature Name	GxP Risk	Enablement	Default Impact	Description
	QMS	Send Email to Non-Vault Users	High	Configuration	Visible to Admins Only	Customers will be able to define distribution groups, notification templates, send emails and share documents for the following processes: Audits, Complaints, and Issue Escalation
	QMS	APQR/QMR	Medium	Configuration	Visible to Admins Only	Provides the data model and end-user experience for team members involved with the Annual Product Quality Review (APQR) and Quality Management Review (QMR) processes. Management Review Templates and Template Items can be

						defined and APQR and QMRs created from the Management Review Templates.
	QMS	Generate Merged PDF Document Action	Medium	Configuration	Visible to Admins Only	Users can now upload individual documents into an APQR Binder, and with the Generate Merged PDF Document Action, all of the documents in the APQR Binder are merged together into a single document, in the order they are present in the binder.
	QMS	QRM: Promote the Assessment Risk Event to Risk Event in the Register	Medium	Configuration	Visible to Admins Only	Users can promote one or more Assessment Risk records to one or more (up to 5) Risk Registers. The system automatically copies all the available information from the Assessment Risk to Risk (Event) by matching the field name and type.
	QMS	QRM: Template Based Risk Evaluation	Medium	Configuration	Visible to Admins Only	Users can create new Risks for an assessment from existing Template Risks, saving time and effort spent creating assessments.
	QMS	Recurrence Check: Support for MedTech Complaints	Medium	Configuration	Visible to Admins Only	The Quality Record Check functionality for Recurrence Checks have been expanded to support the Medtech Complaint object type.
	QMS	Standard Cycle Time Metrics: Audit Object & Quality Event Custom Object Type Support	Medium	Configuration	Visible to Admins Only	Vault QMS extends the capability of Standard Cycle Time Metrics to include support for all custom Quality Event object types and to automatically capture the cycle time metrics for all standard and custom Audit object types
	QMS	QRM Data Model Updates	Low	Auto-on	Visible to Admins Only	Brings several data model updates to support the Quality Risk Management suite of features.
	QMS	Generate Document for Standard QMS Processes	Low	Configuration	Visible to Admins Only	The Generate Document Actions have been enhanced to allow execution on additional processes within QMS and can now be configured to allow a user to generate a document from a list of available document templates, formatted outputs, or reports.
	QMS	Recurrence Check: Display Match Criteria on User Dialog	Low	Auto-on	Visible to All Users	The Recurrence Check user action dialog has been enhanced to include an expandable Match Criteria section which allows users to easily see what fields will

						be evaluated as part of a recurrence check.
	QMS	Recurrence Check: UI Enhancements	Low	Auto-on	Visible to All Users	Once potential recurrences are returned, the Comparison and Grid views have been enhanced to allow an end user to view related object data referenced by the record check for both the current record and the potential recurrence.
	QMS, QualityDocs, Station Manager, Surveillance, Training	Quality Data Model Changes	N/A	Auto-on	Visible to All Users	With every release, we update the data model to better support evolving needs and new feature functionality.
	Surveillance	eMDR: Usability Enhancements	Low	Configuration	Visible to Admins Only	Allows Admins to add custom sections to the Adverse Event Report object page layout for the eMDR object type.
	Training	Initial Training Due Date	Medium	Configuration	Visible to Admins Only	Allows an Admin to set a duration for initial training that is different from the default duration.
	Training	Training Requirement Impact Assessment (TRIA) for All Training Requirements	Medium	Configuration	Visible to Admins Only	Support Training Requirement Impact Assessment (TRIA) for single document Training Requirements. This means that a TRIA can now be created for any document changes.
	Training	Training Requirement Impact Assessment: Action to Re-Evaluate Record	Medium	Configuration	Visible to Admins Only	Provides the ability for a user to re-evaluate a Training Requirement Impact Assessment record, by performing a new action, in the event that the record cannot change to the Completed state.
	Training	Admin Alerts: Quiz & Recurrence	Low	Configuration	Visible to Admins Only	New alert messages inform the Training Admin when they are about to make a change to a Training Requirement's Quiz or Recurrence sections that could impact Learners' Training Assignments, including what the impact of a change will be and how many users could be impacted.
	Training	Quizzes: Question & Answer Randomization	Low	Configuration	Visible to Admins Only	Allows the randomization of Quiz questions and answers. For every Quiz attempt, Vault randomizes the display order of questions, answers, or both.
	Training	HVO Migration Preparation: Field Configuration Limitations	N/A	Auto-on	Visible to Admins Only	Vault Training will move towards High Volume Objects (HVO) in an upcoming release. To prepare for this, the following can no longer be created on the Training Assignment or Assignment Details

						objects: Field types that support field-level encryption or creating more than two multi-value picklist fields.
	Training	Training Requirement Impact Assessment: Optional Task Assignee	N/A	Auto-on	Visible to Admins Only	The "Assign Task To" input for the Create Training Requirement Impact Assessment and Retire/Assess Training Impaction document entry actions is now optional. This allows configuration of Training Requirement Impact Assessment (TRIA) task owners at the TRIA object level.
	Training	Admin Alerts: Training Materials, Prerequisite Rules, & Substitute Rules	Medium	Auto-on	Visible to All Users	New alert messages inform the Training Admin when they are about to make a change to a Training Requirement's Training Materials, Prerequisite Rules, or Substitute Rules sections that could impact Learners' Training Assignments, including what the impact of a change will be and how many users could be impacted.
	Training	Assignment Details Creation Allowed for Imported Records	Medium	Auto-on	Visible to All Users	Assignment Details, child of Training Assignment, can now be created for imported Training Assignments. This allows historical Training Assignments to have Assignment Details, enabling reporting on Curriculum and Learner Role for historical Training Assignments.
	Training	Direct Assignment: Hide Inactive or Ineligible Persons in the Learners Field	Medium	Auto-on	Visible to All Users	Inactive or Ineligible Persons do not appear on the Learners field in Direct Assignments.
	Training	Email Participant Action Available for Training Assignment Workflows	Medium	Auto-on	Visible to All Users	Shows the Email Participants action on all Training Assignment workflows. When performed, this action allows a Training Admin or Manager to remind the Learner of an approaching or past-due Training Assignment.
	Training	Issue Training Assignment Entry Action Update: Update Training Materials If TRIA Not Found	Medium	Auto-on	Visible to All Users	The Issue Training Assignment entry action updates the Training Content Set if no Training Requirement Impact Assessment (TRIA) is found for Training Requirements with multiple documents.
	Training	Learner Homepage: Curriculum View	Medium	Auto-on	Visible to All Users	Training Assignments on the Learner Homepage can now be grouped by

						Curricula, allowing Learners to prioritize training by Curriculum.
	Training	Training Jobs: New Jobs to Process Training Assignments	Medium	Auto-on	Visible to All Users	Optimizes the performance of the Update Training Assignment job by introducing new child jobs that a) transitions the state of Training Assignments to the target state and b) cancels all Training Assignments for an Ineligible Person. In addition, Training Assignments created or updated after this release are stamped with the Update Training Assignment Job ID.
	Training	China Link E-Learning Support	N/A	Auto-on	Visible to All Users	Vaults on China Link can now use E-Learning courses: From uploading e-learning courses to completing e-learning courses as a Learner.
	Training	Imported Training Assignments: Sharing Settings Not Updated	N/A	Auto-on	Visible to All Users	The Update Training Assignments job will no longer add the Learner and Direct Manager to Sharing Settings for the most recent Imported Training Assignment for a Learner/Training Requirement.
	Training	Learner Application Role Updates in Sharing Settings	N/A	Auto-on	Visible to All Users	Updates can be made to the Learner Application Role in Sharing Settings for Training Assignment, Assignment Details, and other Training objects. This enables Training Assignments to be imported for Learners without a User reference and then Learners can be added to the Learner Application Role in Sharing Settings using the Vault API.
	Training	Prevent Duplicate Assignment Detail Records	N/A	Auto-on	Visible to All Users	Prevents a user or the system from creating duplicate Assignment Details for a given Training Assignment. A duplicate Assignment Details is considered the same Curriculum and Learner Role for a given Training Assignment.
	Training	Training Materials: Prevent Duplicate Documents	N/A	Auto-on	Visible to All Users	Users are now prevented from adding the same document multiple times to Training Materials on a Training Requirement.
	Training	Updates to Cancel Training Assignments Job	N/A	Auto-on	Visible to All Users	The Cancel Training Assignment job, executed from a document lifecycle entry action has been updated to: Log the Training Assignments that were

						cancelled, to log if nothing was cancelled, and if there's an error, to log the error.
Regulatory	**Application**	**Feature Name**	**GxP Risk**	**Enablement**	**Default Impact**	**Description**
	RIM Publishing	Asynchronous FDA Gateway Support	High	Configuration	Visible to Admins Only	Admins can configure a Gateway profile for US FDA submissions to send the Mail Delivery Notification (MDN) asynchronously.
	RIM Publishing	China XSD 1.0 eCTD Publishing & Validation	High	Configuration	Visible to Admins Only	RIM Publishing Vaults support the CN NMPA v1.0 (XSD 1.0) specification. Users can now create Content Plans and generate submissions that are compliant with CN NMPA v1.0 specification. Vault validates these submissions based on the corresponding CN NMPA v1.0 Validation Criteria Version.
	RIM Publishing	Resubmission of Previously Transmitted Submissions	Medium	Configuration	Visible to Admins Only	Users can resubmit submissions that were already sent to the Health Authority and a technical rejection was received.
	RIM Publishing	Gateway Enhancements	Low	Auto-on	Visible to All Users	With this release, Vault now includes the extensions on all acknowledgements received through Vault, allowing for the acknowledgements to be viewed directly from within Vault. Additionally, the user listed in the Published Content Owner field will receive notifications when an acknowledgement is received for that submission.
	RIM Publishing	Providing Additional Data in the Publishing Progress Indicator	N/A	Auto-on	Visible to All Users	Additional information is included in the Publishing Progress Indictor's download CSV to enable better understanding and troubleshooting of publishing-related issues.
	RIM Submissions, RIM Registrations, RIM Publishing, RIM Submissions Archive	Submission Wizard	Medium	Configuration	Visible to Admins Only	A new wizard simplifies creation of Submissions, Regulatory Objectives, and their relationships. New Application relationship objects allow metadata to be managed at the Application level, and additional logic enforces data validation checks and data transfer on the relationship records. Two new options are additionally available in the RIM Maintenance tab to Load and Extract Application relationships.

		RIM Submissions, RIM Submissions Archive, RIM Publishing, RIM Registrations	Translation Document Relationship Flag	Low	Admin Checkbox	Visible to Admins Only	The status of the standard document relationship Translation (translation__v) is now controlled via a feature flag. Customers can now turn off the flag to inactivate the document relationship until they are ready to use it.
		RIM Publishing, RIM Registrations, RIM Submissions, RIM Submissions Archive	22R1 RIM Data Model Changes	N/A	Auto-on	Visible to All Users	With every release, we update the data model to better support evolving needs and new feature functionality. The changes to Application Indication and Application Country objects that are part of the data model changes supporting the Submission Wizard feature will have a visible impact. Users may see a change on Application page layouts which display this section as complex instead of a simple pass join section. Furthermore, the system managed naming format may be changed for these objects.
		RIM Publishing, RIM Submissions Archive, RIM Submissions, RIM Registrations	Content Plan Enablement Update	N/A	Auto-on	Visible to All Users	With this release, the 'Enable Submission Content Planning' and 'Enable tree grid' settings will be enabled for all RIM Vaults where they are currently disabled. This change aligns such Vaults with the standard RIM data model and allows for deprecation of the legacy Content Plan viewer. This will not impact Vaults where these settings are already enabled.
		RIM Publishing, RIM Submissions	Manage & Edit Table of Contents (TOC)	Medium	Configuration	Visible to Admins Only	With this release, Submissions Publishing and Report Level Content Plan users can edit a generated Table of Contents (TOC) from within Vault RIM.
		RIM Registrations	IDMP Viewer	Medium	Configuration	Visible to Admins Only	This feature provides a data visualization UI that consolidates cross-medicinal product submission data for a unified view. The viewer also highlights differences among like records within the submission set to facilitate data review.
		RIM Registrations	Labeling Process Improvements	N/A	Configuration	Visible to Admins Only	This feature extends the existing Vault RIM data model to better support tracking of labeling concepts and local label deviations by adding the ability to support multi-document changes, bolstering the relationship between deviations and health authority communications, and

					supporting the deviation approval process.
RIM Registrations	Create Related Records Enhancements	Medium	Auto-on	Visible to All Users	When creating related records, Vault can create Regulatory Objective and Submission details with a mix of object types when the internal names of the source and target object types match. Additionally, standard fields added to the data model in previous releases can now be copied. Finally, Vault always creates a relationship record between the source Event and any resulting Submissions and Regulatory Objectives.
RIM Registrations	Pull Objective Data Enhancements	Medium	Auto-on	Visible to All Users	The Pull Objective Data action now creates Submission details with a mix of object types when the internal names of the object types on the source and target objects match. The action also adds additional details to Regulatory Objectives and Submissions. Support is also added for copying additional standard fields that were added to the data model in previous releases.
RIM Registrations, RIM Submissions	Global Content Plan	Medium	Configuration	Visible to Admins Only	This feature allows creation and update of a Content Plan directly from a global Event record. Vault generates a Global Submission and builds the content plan structure based on the Event's Activities and other relationships. This feature also allows the Content Plan to be viewed from the Event and Activity record, as well as copied in bulk to multiple target submissions.
RIM Submissions	Content Plan Creation & Copy Notification Token	N/A	Configuration	Visible to Admins Only	A new token, ${templateConstraints}, is now supported for the Content Plan Creation and Copy notifications, providing end-users visibility into whether records were created as Inactive or Excluded due to template constraints.
RIM Submissions	Extend Content Plan Token Support for Submission Pharmaceutical Form	Medium	Auto-on	Visible to All Users	Content plans now support tokens for text and object reference fields within the Submission Pharmaceutical Form object.
RIM Submissions	Extend Matched Document Tokens for Content Plans	Medium	Auto-on	Visible to All Users	This feature enables generic support for tokenizing object and text fields on

						matched documents in the Content Plan. For example, the Clinical Site document field can be used within the Published Output Location to organize Case Report Forms into site folders in the published output. This may require an update to the Content Plan template to add the matched document tokens.
	RIM Submissions	Matched Document Ordering	Medium	Auto-on	Visible to All Users	This feature allows users to drag and drop to set a specific order for matched documents in the Content Plan hierarchy viewer. By default, matched documents are sorted in ascending alphanumeric name order on a Content Plan Item. Users can also drag and drop Vault document links to match to a specific position under the Content Plan Item. Existing content plan actions (splitting, binder creation, copy content plan, starting document workflow, and update tokens in fields) are also updated to utilize the matched document order.
	RIM Submissions	Content Plan Creation: Novel Excipient Update	N/A	Auto-on	Visible to All Users	When creating content plans with novel excipients, Vault creates corresponding repeating content plan sections (for example, 3.2.P.4.6) within repeating excipient sections (for example, 3.2.P.4) only when the novel excipient's Submission Inactive Ingredient record is a Novel Inactive Ingredient. This may require an update to the Content Plan template to add the submission inactive ingredient token to the novel excipient template section.
	RIM Submissions, RIM Submissions Archive	Capture Active Dossier Submitted Status	Low	Auto-on	Visible to All Users	With this release, Submitted is available as a new country status in the Active Dossier, providing visibility into upcoming changes that have been submitted but are not yet approved or made current. When generating Active Dossier records from a submission, Vault automatically sets the Submitted status on newly-created Active Dossier Item and Active Dossier Item Detail records, and updates such records where the status is blank.

	Application	Feature Name	GxP Risk	Enablement	Default Impact	Description
	RIM Submissions, RIM Submissions Archive	Select Section in Add to Active Dossier Dialog	Low	Auto-on	Visible to All Users	When adding a single document to Active Dossier in the Active Dossier Editor, users are now able to select and change the section in which to add the document via the Add to Active Dossier dialog.
	RIM Submissions, RIM Submissions Archive	Show Only Pending Toggle in Active Dossier Editor	N/A	Auto-on	Visible to All Users	A new toggle between 'Show Only Pending' and 'Show All' in the Active Dossier Editor allows users to quickly switch between viewing all Active Dossier Item Detail records and those with a Pending-type status, for example Pending Current.
	RIM Submissions Archive	Display Inactive Applications & Submissions in Viewer	Low	Admin Checkbox	Visible to Admins Only	In Vaults with the feature enabled by Admin users are able to select and view content of inactive Applications and Submissions in the Viewer.
	RIM Submissions Archive	Restrict Submissions Archive Access to Full User Licensed Vault Users	Low	Auto-on	Visible to All Users	With this release, Vault will enforce Submissions Archive application licensing. In Vaults created in 21R3 and earlier, users without a Full User application license are warned about unlicensed usage of the application. In Vaults created in 22R1 and later, users without a Full User application license are blocked from accessing any Submissions Archive functionality.
Vault Connections	**Application**	**Feature Name**	**GxP Risk**	**Enablement**	**Default Impact**	**Description**
	Promomats<>RIM	PromoMats/RIM: Conditional Transfer Support Using Query Object Rules (QORs)	Medium	Configuration	Visible to Admins Only	Query Object Rule support is added for RIM Vaults using the PromoMats/RIM Connection, adding the ability to filter out the documents and records transferred in an Integration Rule.
	Promomats<>RIM	PromoMats/RIM: RIM Reference Model Support	Medium	Configuration	Visible to Admins Only	This feature adds support for the RIM Reference Model to the PromoMats to RIM Connection. When document types are not defined in the Connection mapping, the RIM Reference Model is used to determine the document types mapping to be used with the Connection.
SiteVault	**Application**	**Feature Name**	**GxP Risk**	**Enablement**	**Default Impact**	**Description**
	Site Connect,	Connected Study Details	Low	Configuration	Visible to Admins Only	SiteVault users working on Connected

SiteVault Enterprise, SiteVault Free	User Action				Studies can now use the Connected Study Details user action to access more details regarding a document's exchange with a Sponsor/CRO. This action opens a dialog box that displays tracking information as well as the document comment history with the Sponsor/CRO.
Site Connect, SiteVault Enterprise, SiteVault Free	Sponsor/CRO Information on Documents	Low	Configuration	Visible to Admins Only	With this feature, SiteVault users working on Connected Studies can now view details regarding whether a document version has been sent to Sponsor/CRO, the date it was initially sent, and the last sent date directly in the document's metadata.
Site Connect, SiteVault Enterprise, SiteVault Free	New Exchangeable Document Type on Connected Studies	N/A	Configuration	Visible to All Users	This feature adds support to transfer documents of type IP Excursions to a Sponsor/CRO's vault for a Connected Study.
SiteVault Enterprise, SiteVault Free	Study PI Role for Workflows	High	Auto-on	Visible to Admins Only	With this feature, a system-managed Principal Investigator role is available for use in workflows for study-related documents and objects.
SiteVault Enterprise, SiteVault Free	User Administration with Multiple Security Policies	High	Auto-on	Visible to Admins Only	For SiteVaults that have more than one active security policy (for example, basic Vault authentication and a single sign-on provider), this feature allows the user administrator to select a security policy when creating or editing a user. This feature only pertains to vaults with multiple security policies and the Extensible SiteVault Permissions feature enabled.
SiteVault Enterprise, SiteVault Free	Standard Participant Workflows	N/A	Auto-on	Visible to Admins Only	This feature adds new standard workflows for the participant object. Configuration is required to begin using the new workflows.
SiteVault Enterprise, SiteVault Free	Veeva eConsent: In-person eConsent	N/A	Auto-on	Visible to Admins Only	This feature adds systematic configuration of in-person eConsent action to SiteVault so that it does not have to be manually configured. This also provides a more secure means of interfacing between SiteVault and MyVeeva.
SiteVault Enterprise,	Veeva eConsent: Additional	High	Auto-on	Visible to All Users	This feature includes general

	SiteVault Free	Signatory Enhancements				enhancements to the Veeva eConsent Additional Signatories feature, including making it even easier to create and manage Signatory records and providing users more flexibility in sending eConsent forms to signatories.
	SiteVault Enterprise, SiteVault Free	Study Export	Medium	Auto-on	Visible to All Users	This feature allows users to export all major versions of all documents for a study. Study document renditions are exported as a .ZIP file and, when unzipped, are in the eBinder folder structure.
	SiteVault Enterprise, SiteVault Free	Veeva eConsent: Contact Information Update Request	Medium	Auto-on	Visible to All Users	With this feature, when a patient or signatory on a study updates their contact information in MyVeeva for Patients, their contact information is also updated in SiteVault. Site Administrator users receive a notification that alerts them to the changes.
	SiteVault Enterprise, SiteVault Free	SiteVault Data Model Changes	N/A	Auto-on	Visible to All Users	With every release, we update the SiteVault data model to better support evolving needs and new feature functionality.
	SiteVault Enterprise, SiteVault Free	Support eConsent Simple Signatures	N/A	Auto-on	Visible to All Users	This feature adds support to enable study participants and other signatories to complete eConsent forms without creating a MyVeeva for Patients account. In SiteVault, site staff can send eConsent forms without required contact information.
	SiteVault Enterprise, SiteVault Free	Digital Delegation: Email Notifications	N/A	Support	None	This feature standardizes several items that previously required custom configuration within the Digital Delegation feature, such as notifications, workflow steps, user actions, and entry criteria. Customers using Digital Delegation must submit a request to enable this feature.

Change Log

This feature list is subject to change prior to the 22R1 release. Change tracking is effective as of February 22nd, 2022.

Date	Change	Impact
19 Apr 2022	Updated the Feature Description for the following feature: - "Legacy Feature Enablement Updates"	The RIA now includes up to date Feature Descriptions.
06 Apr 2022	Added the following features: - "Document Upload UI Enhancements" - "Record Migration Mode: Suppress Email During User Task Creation"	The RIA now includes a list of all features in 22R1.
29 Mar 2022	Added the following feature: - "New Certificate for SAML SSO & Spark Messaging Connection"	The RIA now includes a list of all features in 22R1.
15 Mar 2022	Updated the Feature Description for the following feature: - "Verdict Information & Reporting on Removed Documents"	The RIA now includes up to date Feature Descriptions.
14 Mar 2022	Added link to the 22R1 release notes.	The RIA now includes a link to the 22R1 release notes.
11 Mar 2022	Added the following feature: - "Norwegian Language Support" Updated the Feature Description for the following feature: - "Content Plan Enablement Update"	The RIA now includes a list of all features in 22R1 and up to date Feature Descriptions.
08 Mar 2022	For "Submission Wizard" changed Application from "RIM Submissions" to "RIM Submissions Archive". For "Content Plan Creation & Copy Notification Token": - Removed "RIM Submissions Archive" from Application. - Changed Default Impact from "None" to "Visible to Admins Only".	The RIA now includes up to date Application and Default Impact information
04 Mar 2022	Updated the GxP Risk for the following features: - "Customisable "From" Email Address for Case Response Emails" - "Veeva eConsent: In-person eConsent" Updated the Feature Name of the following features: - "CTMS/CDMS: Support for Multiple CDMS Vaults" to "CDMS/ClinOps: Support for Multiple CDMS Vaults" - "ClinOps/CDMS Connection: Single Study Refresh" to "CDMS/ClinOps: Single Study Refresh"	The RIA now includes up to date GxP Risks and Feature Names.

01 Mar 2022	Added the following features: - "Veeva eConsent: In-person eConsent" - "Gateway Enhancements"	The RIA now includes a list of all features in 22R1.
25 Feb 2022	Updated the GxP Risk of the following features: - "Send Email to Non-Vault Users" - "Required Overlays" - "Extend Content Plan Token Support for Submission Pharmaceutical Form" - "Email Participant Action Available for Training Assignment Workflows" - "Enhanced Bulk Document Update: Validation Behavior Changes" - "Workflow Action Menu for Documents: Drop-Down Behavior Update" - "Labeling Process Improvements" - "Content Plan Creation: Novel Excipient Update" Updated the Feature Description of the following feature: - "Jobs: Disable Session ID Token in External URL Call Configuration"	The RIA now includes up to date GxP Risks and Feature Descriptions.
22 Feb 2022	Initial RIA published	N/A