

## Vault Help has moved!

The content on classic Vault Help is no longer maintained and may not be accurate. In 22R3, December 2, 2022, all links to classic Vault Help will redirect to new Vault Help.

To ensure the best customer experience, update all bookmarks directing to this site before 22R3, Dec 2, 2022.

Please visit us at our new location:

- [Veeva Vault Help](#)
- [Veeva Vault Release Notes](#)



Navigation 

## New Features in Vault V9.0 API (9.0.0 Release)

*Release Date: June 20, 2014*

We are pleased to bring you the following enhancements to the V9.0 API in this week's release.

### Updates to Documents API

The Create/Update Documents API now imposes a limit on the number of values that users can set on a multi-value document field of type *ObjectReference*, pointing to a Vault object. The maximum number of values is 50.

The Document Metadata API now specifies whether the document field is controlled by the value set on another document field within the same document type hierarchy. The *controllingField* metadata attribute identifies the controlling document field. This scenario typically occurs when document fields are of type *ObjectReference* and pointing to Vault objects in parent-child relationships. In this scenario, if the value set in a document field points to a child object in a parent-child relationship and the field has a *controllingField* metadata attribute specified, a value for the field specified in *controllingField* must also be provided. The API also validates that the values specified in the child object's document field are child values of the values specified in the parent document field (*controllingField*).

 Feedback

The Documents API now exposes the source file's MD5 checksum inside the field `md5checksum_v`. It is also possible to use this field via VQL when querying the `documents` object. Checksum values are only calculated on newly created documents. For older documents, no checksum value is returned.

## Updates to Lifecycle Actions API

When initiating a workflow using the Lifecycle Actions API, Vault now returns the workflow ID in the `workflow_id_v` field upon success.

## API Bug Fixes

Issue	Description
31390	The number of entries that can be created in a picklist is now capped at 1,024. Any picklists that contain more entries than this prior to the release will continue to work.
35773	When creating documents from templates using the Document API, if the template found is not within the same document type hierarchy as the document, the <code>OPERATION_NOT_ALLOWED</code> error returns.
36114	When setting values onto a multi-value picklist-type document field, if the value contains a comma, the value should be enclosed in double-quotes. If the value itself contains a double-quote, the escape character <code>\</code> can be used.
37241	Document indexing is no longer a prerequisite to being able to set user roles on a document (sharing settings).

### Search



### Article Contents

- [Updates to Documents API](#)
- [Updates to Lifecycle Actions API](#)
- [API Bug Fixes](#)

### Related Articles

- [New Developer Features in 17R3](#)
- [New Features in Vault v17.3 API \(17R2.4 Release\)](#)
- [New Features in Vault v17.3 API \(17R2.3 Release\)](#)
- [New Features in Vault v17.3 API \(17R2.2 Release\)](#)
- [New Features in Vault v17.2 API \(17R2 Release\)](#)

*© 2022 Vault Help. All Rights Reserved.*

*Were you able to answer your question in Vault Help?  
If you have other questions or feedback, see [Vault Community](#).*

***This is classic Vault Help. Go to the new [Veeva Vault Help](#) web site.***