







Vitrium Enterprise DRM Settings Guide

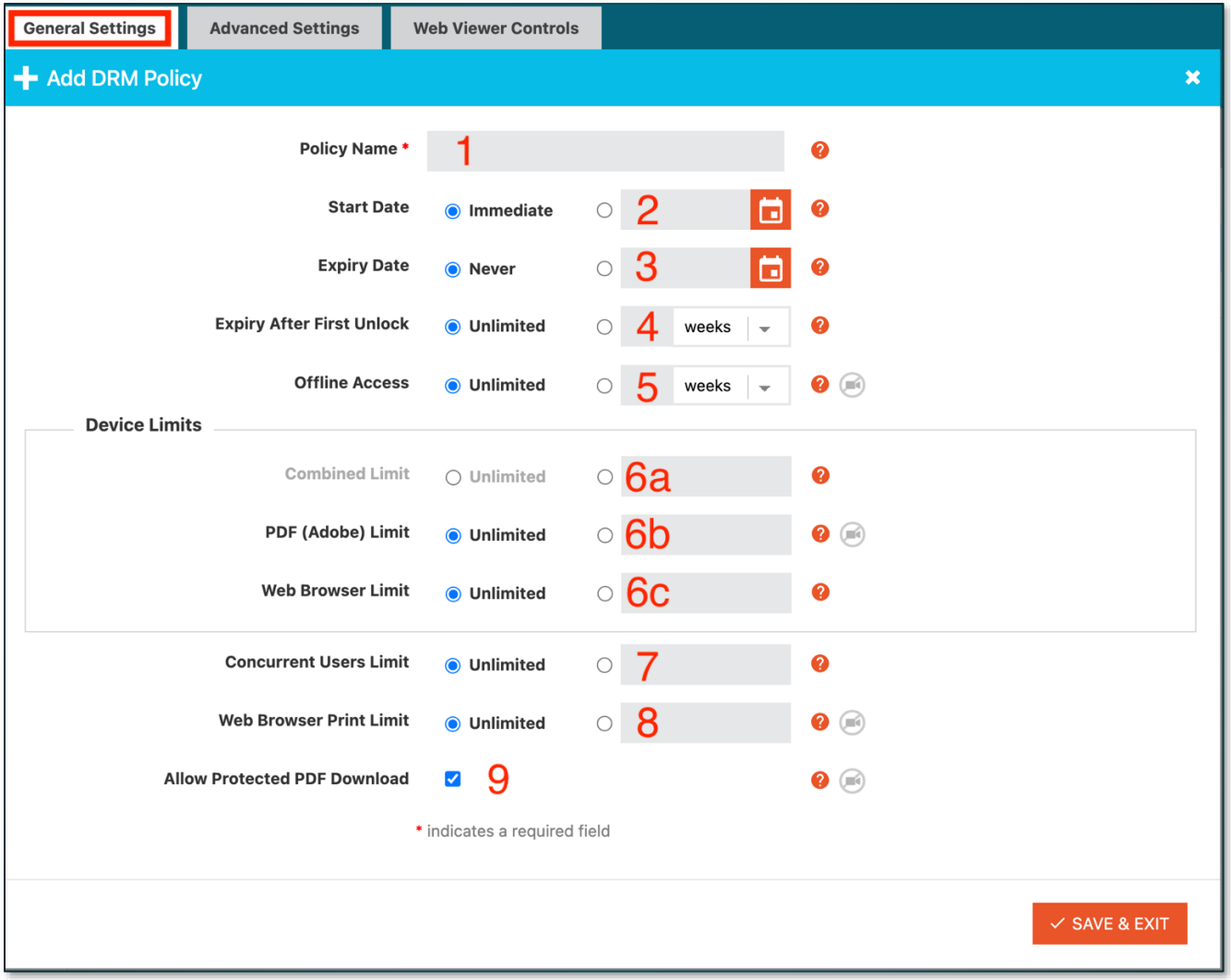
For APIs & External Service v3

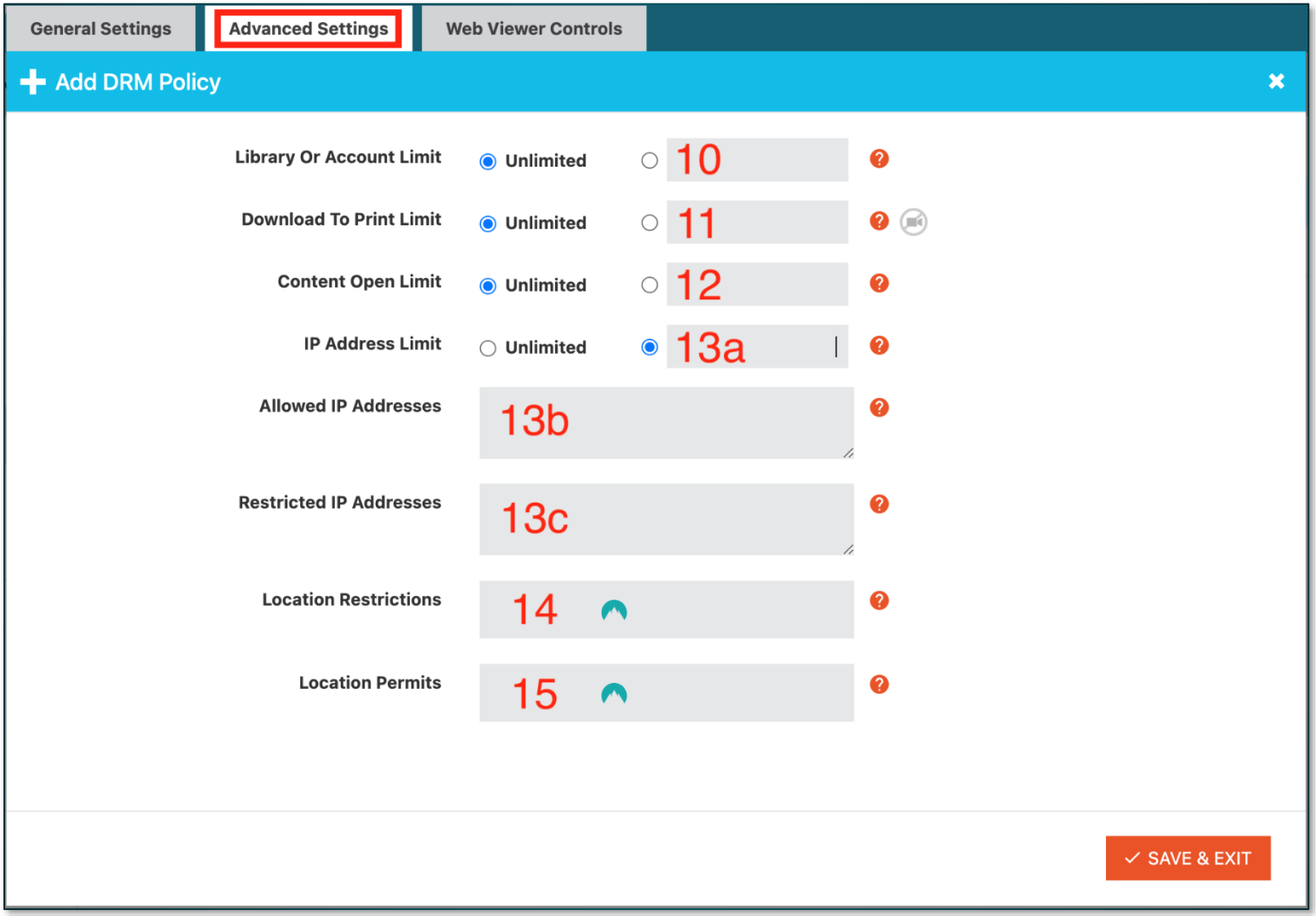
Updated: October 2026

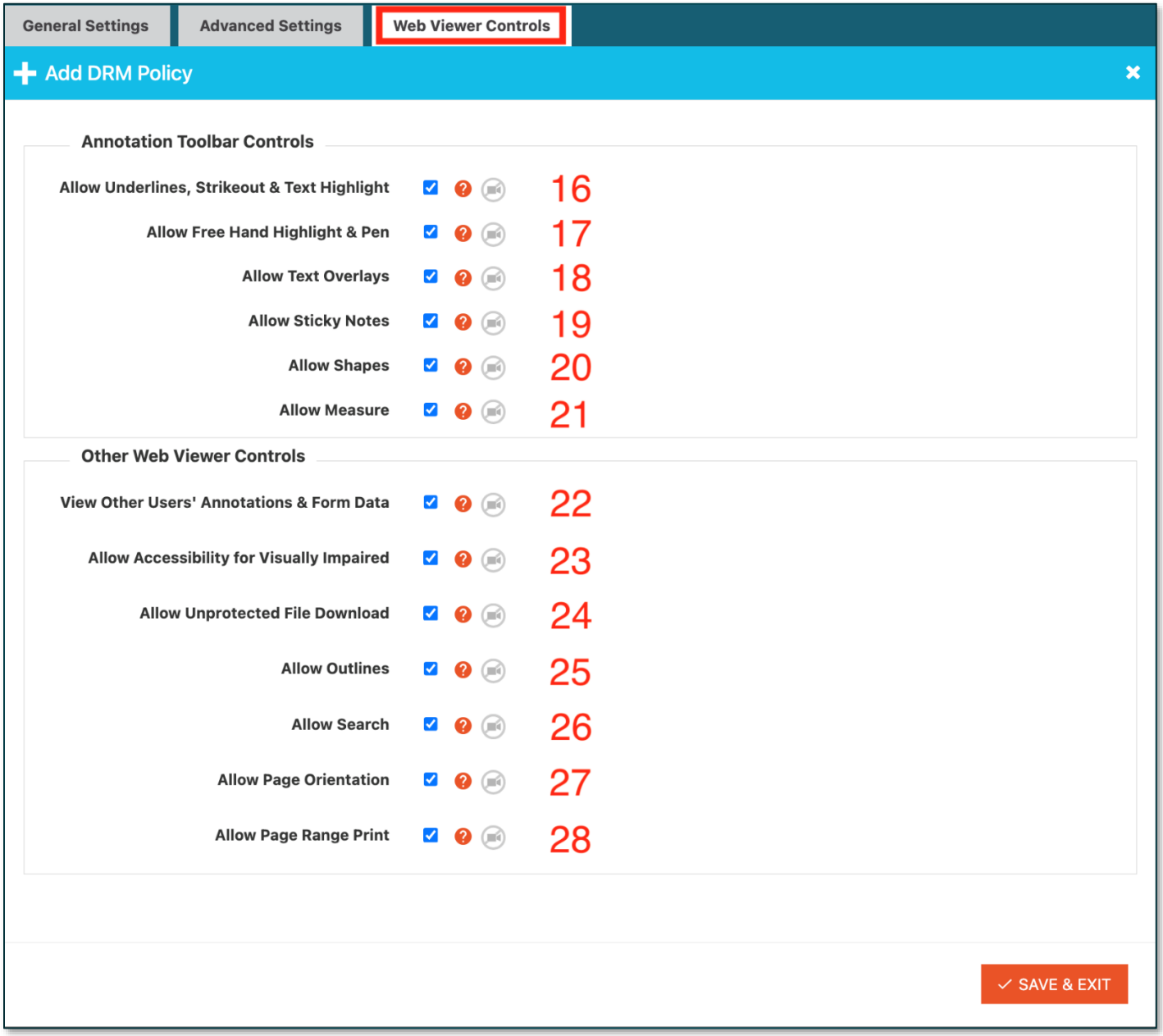
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VITRIUM ENTERPRISE DRM SETTINGS

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Unlimited
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SAVE & EXIT

API Attributes & Values

The following table provides the **AccessPolicy** attributes and values that can be used in a JSON response. It is recommended that these are managed in only one endpoint, the Authorize endpoint.

*NOTE: If you do not provide one or more key-value pairs, the default values (noted in **bold**) will be applied.*

Item #	API Attribute	Description	Definition of Values	Applicable to Content Type
1	**Policy Name**	String describing the DRM Setting. Not applicable in External Service.		All Types
2	**StartDate**	The start date of the DRM policy. By default, a null means the policy is in effect immediately. Not applicable in External Service.	**null**: Immediate	All Types
3	**Expiry** (see notes 1 & 2)	Last date in which the User can access content.	**null**: Never Expires	All Types
4	**RelativeExpiryInDays** (see notes 2 & 3)	Number of days the User can unlock a content after the first unlock session.	**null**: Unlimited	All Types
5	**OfflineDurationinDays** (see notes 1 & 3)	Number of days the User can view the content in offline mode. Applicable to Documents only, not video or audio.	**null**: Unlimited	Documents & Images Only
6a	**ComputersMax**	Total number of unique web browsers AND PDF viewers (Adobe Reader or PDF-XChange) "combined" that a User can unlock the protected content with. It's recommended to use 6b and 6c, rather than 6a.	**null**: Unlimited **-1**: Value Not Defined	Documents & Images Only
6b	**PdfLimit**	Total number of PDF viewers (Adobe Reader or PDF-XChange) that a User can unlock the protected PDF Document with.	**null:** Unlimited **-1**: Value Not Defined	Documents & Images Only
6c	**BrowserLimit**	Total number of unique web browsers that a User can unlock the secured web content with.	**null:** Unlimited **-1**: Value Not Defined	All Types

Item #	API Attribute	Description	Definition of Values	Applicable to Content Type
7	**ConcurrentUsersLimit**	Optional limit on the number of concurrent logins to the same content. If omitted or set to null, the value is Unlimited. User session validation is set to 1 minute.	**null**: Unlimited **-1:** Value Not Defined	Documents & Video Only
8	**WebPrintLimit**	Number of times the User can print a copy of the web Document in a browser. A value of 0 will hide the toolbar icon.	**null**: Unlimited	Documents & Images Only
9	**AllowProtectedDownload**	This will allow a User to download a Protected PDF version of the content from the Web Viewer. You will also need to refer to the Web Viewer Settings in your Vitrium account.	**True:** Allowed **False:** Not Allowed	Documents & Images Only
10	**DocumentLimit**	Number of total content files that a User can unlock or view. This is a Library or Account limit.	**null**: Unlimited **-1:** Value Not Defined	All Types
11	**PrintLimit**	Number of times the User can download a Protected PDF version of the Document ("Download to Print") within a 30-minute window. This option needs to be enabled on your account as it's considered a "special DRM setting" and only to be used for specific purposes. A value of 0 will hide the toolbar icon.	**null**: Unlimited	Documents & Images Only
12	**OpenLimit**	Number of times the User can unlock a content after the first unlock session.	**null**: Unlimited	All Types
13a	**IpAddressesMax**	Number of IP addresses that can be used to unlock a content.	**null**: Unlimited	All Types
13b	**IgnoredIpAddresses** (see note 5)	Range of IP addresses that could be used to unlock a content. The IP address defined here will not count against the IpAddressesMax value.	**Empty String**: No Rule Defined	All Types
13c	**RestrictedIpAddresses**	List of IP addresses that will be blocked from accessing content.	**Empty String**: No Rule Defined	All Types

Item #	API Attribute	Description	Definition of Values	Applicable to Content Type
14	**LocationRestrictions** (see note 6)	**Deny list** of countries, including specific US states and/or Canadian provinces. Users in these areas would NOT have access to the content.	**Empty Array**: No Rule Defined	All Types
15	**LocationPermits** (see note 6)	**Allow list** of countries, including specific US states and/or Canadian provinces. Only Users in these areas would have access to the content.	**Empty Array**: No Rule Defined	All Types
22	**AllowAnnotationViewing**	Allow User to view the annotations of other Users that have access to the same content. The User could also export this annotations data.	**True**: Allowed **False**: Not Allowed	Documents & Image Only
23	**IsWebAccessibilityEnabled**	A feature for the visually impaired, this allows Users to turn on the ARIA viewer in the Web Viewer. Note: it also allows the User to copy the text in the content as digital reading apps need to be able to select the text. We only recommend setting this for your specific visually impaired Users.	**True**: Allowed **False**: Not Allowed	Documents Only
24	**AllowDownloadSourceFile**	Allow User to download the original “Unprotected” file.	**True**: Allowed **False**: Not Allowed	All Types

Note 1: *Expiry* vs *OfflineDurationinDays*. Expiry takes precedence. Offline days is set to lessor of (expiry, offline). Offline date is based on last unlock date.

Note 2: *Expiry* vs *RelativeExpiryInDays*. Expiry takes precedence. Relative is set to lessor of (expiry, relative). Relative date is based on first unlock date.

Note 3: *OfflineDurationinDays* vs *RelativeExpiryInDays*. Offline Rules. Offline is set to lessor of (offline, relative). Offline date is based on last unlock date. Relative date is based on first unlock date.

Note 4: *ComputersMax* and *PdfLimit* / *BrowserLimit* are mutually exclusive. When setting *ComputersMax*, you have to set both *PdfLimit* and *BrowserLimit* to "-1" otherwise you will have confusing results. Likewise, if setting *PdfLimit* or *BrowserLimit*, then set *ComputersMax* to "-1".

Note 5: *IgnoredIpAddresses* can contain a single IP address, a subnet range, or multiple combinations of both. IPv4 is currently supported and IPv6 support will be available in the near future. A mix of both IPv4 and IPv6 values can co-exist. IPv4 sample syntax would be: xxx.xxx.xxx.xxx,xxx.xxx.xxx.xxx-xxx.xxx.xxx.xxx where a subnet range is delimited by a dash and each IP subnet is separated by a comma.

Note 6: *LocationRestrictions* and *LocationPermits* are based on GeoIP lookup. Valid values are ISO 3166 international standard Alpha-2 codes and/or Province or State 2-character codes. An example might be: ["CA-QC","CA-ON","US","CZ","IR","CN"].

API Overrides

Vitrium Enterprise customers can also override some content-related settings in the Web Viewer (not the Protected PDF). The following settings can be included in the **WebViewerDocPolicyOverride** section of your JSON response.

Note: If you're planning on using any of these hidden permissions, you must provide all using either a value of True or False.

Item #	API Attribute	Description	Definition of Values	Applicable to Content Type
-	**AllowCopy**	Enable the Copy/Paste function.	**True:** Feature Enabled **False**: No Effect	Documents & Images Only
-	**AllowPrint**	Enable the "Download To Print" toolbar button. This will download a Protected PDF with a 30-minute, one device limit and with printing enabled.	**True:** Feature Enabled **False**: No Effect	Documents & Images Only
-	**AllowWebPrint**	Enable the "Print" toolbar button	**True:** Feature Enabled **False**: No Effect	Documents & Images Only
16	**DisableTextDecoration Annotations**	In the Web Viewer, disable the Text Decoration Annotations. These include Underline, Squiggly Underline, Highlight, and Strikeout.	**True:** Feature Disabled **False**: No Effect	Documents & Images Only
17	**DisableFreeHand Annotations**	In the Web Viewer, disable the Free-hand Annotations. These include Free-hand Drawing and Free-hand Highlight.	**True:** Feature Disabled **False**: No Effect	Documents & Images Only
18	**DisableTextAnnotations**	In the Web Viewer, disable the Free Text Annotations.	**True:** Feature Disabled **False**: No Effect	Documents & Images Only
19	**DisableNoteAnnotations**	In the Web Viewer, disable the Note Annotations.	**True:** Feature Disabled **False**: No Effect	Documents & Images Only
20	**DisableShapeAnnotations**	In the Web Viewer, disable the Shape Annotations.	**True:** Feature Disabled **False**: No Effect	Documents & Images Only

Item #	API Attribute	Description	Definition of Values	Applicable to Content Type
21	**DisableMeasureTools**	In the Web Viewer, disable the Measurement Tools.	**True:** Feature Disabled **False**: No Effect	Documents & Images Only
25	**DisableBookmarks**	In the Web Viewer, disable the Outlines feature from the left side column (known as bookmarks in Adobe).	**True:** Feature Disabled **False**: No Effect	Documents & Images Only
26	**DisableSearch**	In the Web Viewer, disable the Search function.	**True:** Feature Disabled **False**: No Effect	Documents & Images Only
27	**DisableRotations**	In the Web Viewer, disable the Page Orientation feature.	**True:** Feature Disabled **False**: No Effect	Documents & Images Only
28	**DisablePageRangePrint**	In the Web Viewer, disable the Print options “All" and "Page Range" options in the print dialog box. Only "Current page" will be enabled.	**True:** Feature Disabled **False**: No Effect	Documents & Images Only

Version Unique API DRM Settings

While these settings DO NOT apply to the External Service, we thought it was important to include this information here. For the Version Unique API, the variable 'expiry' does nothing and the expiry date would default to 30 minutes whether an expiry value is supplied or not.

The version unique access policy override settings are:

- ComputersMax
- DocumentLimit
- IpAddressesMax
- IgnoredIpAddresses
- OfflineDurationinDays
- OpenLimit
- ExpiryInMins
- LocationPermits
- LocationRestrictions

In the Version Unique API, the field that is used to calculate an expiry date is the "ExpiryInMin", which keys off the received date or the system date that the record was added to the system. To grant a 90-day expiry would be (90*24*60) or (NumberOfDays * HoursInDays * MinutesInHour) or "ExpiryInMins": 129600.

Supplying "ExpiryInMins": 2147483647 generates an expiry date that is far into the future (unlimited effectively). Specifically, it would grant 89,478,485 days which is more than a lifetime.

NOTE: If you don't provide a value for ExpiryInMin, it will default to 30 minutes.