SIEMENS

Polarion 19 System Configuration Properties Reference

Introduction

In addition to the extensive configuration and customization options available in the Polarion Administration interface, there is a set of system level configuration properties available to administrators and developers that affect how various Polarion system processes and functions work or behave.

The properties file

All the configuration properties are embedded in the system. A default subset is exposed in the **polarion.properties** file. This file resides on the server's file system. The path varies according to the server operating system hosting the installation:

- Windows: **%POLARION_HOME%\polarion\configuration\polarion.properties**

- Linux: **%POLARION_HOME%/etc/polarion.properties**

The file is a Java properties file with each property specified as a `key=value` pair. If a property documented in this reference is not present in the properties file by default, its default value is still in effect. If you want to modify the value, you can add the property on a new line using any text editor application.

> You must restart the server in order for changes in the **polarion.properties** file take effect.

Usage

> Configuration at the system level is an advanced topic for experienced administrators, integrators, and developers. Improper usage of system configuration properties can potentially result in performance degradation, index corruption, Out of Memory and other errors. If you are unsure about the impact of a setting on your system, it is recommended that you test in a non-production environment, or seek support or services.

The following pages list the properties in alphabetical order in a tabular format with one property per row. The default value and some descriptive text are provided for each one.

Property	Description	Default
`attachments.indexingOfAttachmentContent.enabled`	Setting this property to "`false`" disables the indexing of attachment content. (Can improve indexing time.) **NOTE**: By setting this value to `false,` the content of attachments can no longer be searched. (Other attachment fields like *fileName* or *length* are not affected by this property.)	true
`attachments.maxSizeOfIndexedAttachmentInMB`	Limits the maximum size (in megabytes) of attachments that get indexed based on their content. * If an attachment's size is lower or equal to this limit, then its content will get parsed and therefore be searchable. * If an attachment's size is larger than this limit, then its contents will not get parsed. Other attachment fields are not affected by this property.	10
`bulkEditLimit`	Lets you configure a limit, that when reached, Polarion displays the Action options instead of immediately displaying the Bulk Edit form. Value represents number of items selected for bulk editing.	20
`calculated.fields.mode`	Controls what mode is used for the calculation of fields. (Since Polarion 3.3.0.) Possible Values: `async` (The default.) - Calculated fields values are calculated asynchronously after a commit. `off` – Disables calculated fields.	async

| com.polarion.activity.(sourceID).(type).maxActivitiesAge | Configures how long activities are kept by the activity cleaner job. Limits can be set individually for a particular source, source and type, or globally for all sources. If the property is not specified, the limit is controlled by the per source default defined by the `IActivitySource` implementation.

`maxActivitiesAge` properties define the limit in days.

A search for the value is done in the following order:

1. System property for source.type:
`com.polarion.activity.(sourceID).(type).maxActivitiesAge`

2. System property for source:
`com.polarion.activity.(sourceID).maxActivitiesAge`

3. System property for all sources, types:
`com.polarion.activity.maxActivitiesAge`

4. The default limit for source/type: as returned by `IActivitySource.getHistoryLimitDays(type)` | 90 |

com.polarion.activity.(sourceID).(type).maxActivitiesLimit	Configures how many activities are kept by the activity cleaner job. A limit can be set individually for a particular source, a source and type and globally for all sources. If no property is specified, the limit is controlled by the per source default defined by the `IActivitySource` implementation. `maxActivitiesLimit` properties define the limit by the number of items. *A search for the value is done in the following order:* 1. System property for source.type: `com.polarion.activity.(sourceID).(type).maxActivitiesLimit` 2. System property for source: `com.polarion.activity.(sourceID).maxActivitiesLimit` 3. System property for all sources, types: `com.polarion.activity.maxActivitiesLimit` 4. Default limit for source/type: as returned by `IActivitySource.getHistoryLimitCount(type);`	5000
com.polarion.alm.activities.bulkPublishInterval	Optimizes the writing of Activities to the shared Lucene index by writing them only once per given interval. Value is an integer representing milliseconds. Setting it to zero (0) or a negative value disables bulk publishing.	1000
com.polarion.alm.activities.disabled	Enables or disables the creation of Activities in the Activity Stream. Value is Boolean (*true* or *false*).	false
com.polarion.alm.ui.enableGravatar	Enables or disables the Gravatar service so that it can be used with user avatar images. Value is Boolean (*true* or *false*).	false
com.polarion.alm.ui.forms.extensions.disableTimeSpentRecording	Defines whether the time spent on manual test execution should be stored within the Test Record. (If set to "`true`", then time is NOT stored.)	false

com.polarion.alm.ui.forms.extensions.testExtensionRecordsLimit	Defines the default value for how many test records will be loaded to build the *test steps recent results* and *test case recent results* values in the Test Extension. It can be overridden by the `maxRecentItems` configuration of the *execute-test* form extension. Value is a positive integer.	20
com.polarion.cluster.client.connectionTimeout	If a Polarion node does not contact the ZooKeeper server for longer than specified time then the old connection is discarded and new one established. Value is an integer representing milliseconds. **NOTE**: No events are fired. It is an internal function that ensures that the connection to the ZooKeeper server is still alive. See also: `com.polarion.cluster.client.sessionTimeout`. This property pertains to the configuration of Polarion to run in a clustered server environment. For information, see the *Enterprise Setup Guide* manual, available as a PDF download in the Guides & Manuals area of the Polarion support pages.	120000
com.polarion.cluster.client.lostReconnectTimeout	Defines how long the Polarion node in a cluster waits if it loses its connection to the Coordinator before a shutdown is triggered. Value is an integer representing milliseconds. This property pertains to the configuration of Polarion to run in a clustered server environment. For information, see the *Enterprise Setup Guide* manual, available as a PDF download in the Guides & Manuals area of the Polarion support pages.	5000

com.polarion.cluster.client.retryPolicy.ExponentialBackoffRetry.baseSleepTime	Defines how much the Polarion node should increase the delay time between reconnect attempts to the Coordinator. (If a previous attempt was unsuccessful.) By default it is: 0 seconds, 10 seconds, 20 seconds, 30 seconds. Value is an integer representing milliseconds. This property pertains to the configuration of Polarion to run in a clustered server environment. For information, see the *Enterprise Setup Guide* manual, available as a PDF download in the Guides & Manuals area of the Polarion support pages.	10000
com.polarion.cluster.client.retryPolicy.ExponentialBackoffRetry.maxRetries	Define the number of times that the Polarion node tries to reconnect to the Coordinator if it loses its connection to it. Value is a positive integer. This property pertains to the configuration of Polarion to run in a clustered server environment. For information, see the *Enterprise Setup Guide* manual, available as a PDF download in the Guides & Manuals area of the Polarion support pages.	6
com.polarion.cluster.client.sessionTimeout	If a Polarion node does not contact the ZooKeeper server for longer than specified time then its session expires. Value is an integer representing milliseconds. This property pertains to the configuration of Polarion to run in a clustered server environment. For information, see the *Enterprise Setup Guide* manual, available as a PDF download in the Guides & Manuals area of the Polarion support pages.	120000
com.polarion.cluster.shutDownWhenConnectionToCoordinatorIsLost	Controls whether nodes should shut themselves down when a connection to the Coordinator cannot be re-established. Value is Boolean (*true* or *false*).	true
com.polarion.connectors.autoconfigurationDefaultLinkRole	The ID of an existing link role that will be used by default in the Doors/ReqIF auto-mapping-configuration. Value is a string.	relates to

`com.polarion.customWordSpacingCharacters`	Allows for the use of custom characters (in Unicode) that will be used as word spacing during the HTML compare process. Enables Document comparison with languages such as Japanese that do not separate words with spaces. Specify a "break" character to be used when users compare Document versions in the Document history. Multiple characters can be specified and breaks occur on every one of them.
	
	Examples:
	
	`com.polarion.customWordSpacingCharacters=uff0e`
	
	 or
	
	`com.polarion.customWordSpacingCharacters=\u3000\u3001\u3002\uff08\uff09\uff0c\uff0e\uff61\uff64`
		null

`com.polarion.disableInsecureEnumerations`	If enabled, then Project, Project Group and User enumerations return no available values. Value is Boolean (*true* or *false*).	false
`com.polarion.enableWiki`	Enables or disables the ability to create new wiki pages (i.e. Classic Wiki). Value is Boolean (*true* or f*alse*). **NOTE:** The xWiki technology originally implemented in Polarion and now referred to as "Classic Wiki" is considered deprecated. The newer visual widget-based *Pages* technology is recommended for new pages, as is migration of existing Classic Wiki pages.	true
`com.polarion.enumerations.objectEnumerationsLimit`	Defines the maximum number of objects loaded in object enumerations like Documents, Pages, Test Runs, etc. Setting a lower limit can improve performance, especially when there are hundreds of Documents, Pages etc. Value is an integer. **NOTE:** If value is set to `-1`, then there is no limit.	10000

`com.polarion.excelImport.maxValuesCount`	Controls the number of distinct values in a column that a user will be able to map to enumeration values in the Excel import wizard. If the number of values found in a column is greater than this limit, custom mapping will not be available for the column. Value is a positive integer.	20
`com.polarion.excelImport.previewMaxCount`	Sets the maximum number of Work Items displayed in the Excel import preview. Value is a positive integer.	100
`com.polarion.excelImportValueDelimiters`	Overwrites delimiters used for splitting multi-values fields during import from Microsoft Excel with the value set in this property.	,;
`com.polarion.excelRoundTrip.sheetPassword`	Stores the password that Polarion applies to protected sheets of the Excel workbook exported for Excel round-trip. Value is a string.	polarion
`com.polarion.highchartExportServer.autoStart`	Enables or disables automatic startup of the HighCharts chart rendering server. Value is Boolean (*true* or *false*).	true
`com.polarion.highchartExportServer.home`	Defines a custom path to the folder with the HighCharts export server's files. If not defined, the default folder from the `com.polarion.alm.ui` plugin is used. Value is a string.	null
`com.polarion.highchartExportServer.host`	Defines the host name that will be used by the HighCharts chart rendering server. Value is a string.	127.0.0.1
`com.polarion.highchartExportServer.port`	Defines the port number that will be used by HighCharts chart rendering server. Value is a positive integer.	34567
`com.polarion.httpsTrustAll`	Defines whether Polarion should trust all certificates, regardless of the host name and authority, when accessing resources via *https* protocol. This property opens a security hole of a sort, and is provided only for backwards compatibility (older versions always trusted all). Value is Boolean (true or false). **NOTE:** Not all *https* connections are affected by this property. It applies only to some exports and communication between coordinator and load balancer in a clustered server setup.	false

`com.polarion.javasvndriver.commitRestartDelay`	Specifies the average delay time before a commit can be restarted because of a resource conflict. Zero (0) or a negative number means no delay. Value is an integer representing milliseconds. The actual delay is chosen randomly in an interval of 50 to 150% of the time value specified in this property. **See also:** `com.polarion.javasvndriver.commitRestartLimit`	500
`com.polarion.javasvndriver.commitRestartLimit`	Defines the number of times a commit can be restarted if there is a resource conflict. Value is a positive integer.	100
`com.polarion.javasvndriver.getchanges.optimizeforspeed`	This is a performance optimization property. The default value of *true* is convenient if you have many projects in Polarion AND frequent direct commits to SVN outside of Polarion, as can be the case with a server cluster setup. This setting will improve the speed of processing these changes in Polarion. Value is Boolean (*true* or *false*).	true
`com.polarion.javasvndriver.iterateChangesChunkSize`	Defines the maximum number of revisions processed all at once during the context initialization phase of reindex operations. If a value is not set (i.e. is null), then all revisions relevant for a given context are processed at once. Value is a positive integer. Set this property to some reasonable value (e. g. `100`) if you are experiencing Out of Memory (OOM) errors during the context initialization phase of reindex. **NOTE:** Setting this property to low values (e. g. `10`) can significantly slow down the context initialization phase.	undefined
`com.polarion.jobs.scheduler.dontStartScheduler`	Enables or disables automatic running of the Scheduler during and after Polarion start-up. Enable it if you want to prevent the Scheduler from running automatically during and after start-up. Value is Boolean (true or false). **Warning:** This property has no effect in a cluster setup. For information on this setup consult the *Enterprise Setup* guide (PDF available online in the Polarion support area).	false

com.polarion.loadBalancer	The `com.polarion.loadBalancer` property contains the URL to the Apache Load Balancer in a clustered server setup. Value is a string. The property is case insensitive. Due to a typographical error in one release of the Enterprise Setup documentation, both `com.polarion.loadBalancer` and `com.polarion.loadbalancer` are accepted. If the latter is used, it prints a deprecation warning. For information on clustered server setup, consult the Enterprise Setup Guide (PDF available online in the Polarion support area).	null
com.polarion.logoURL	Optional. Defines a custom URL of an image which is displayed in the Navigation panel as the application logo. Value is a string.Recommended size: 60 x 64 pixels. Formats: PNG, JPG	null
com.polarion.maxNotificationsAboutCreatedTestCases	This property causes Polarion to throw away notifications and Activity Stream activities for automated test cases, if the number created in a single transaction exceeds the configured limit. Value is a positive or negative integer or zero (0). * Negative value means no limit is applied, and all notifications/activities are sent. * Zero value (0) means that no notifications/activities are sent.	50
com.polarion.maxNotificationsAboutWorkItemsInCreatedDocument	This property causes Polarion to throw away notifications and Activity Stream activities about Work Items created together with a containing LiveDoc (most likely as part of an import operation), if the number exceeds the limit specified. Value is a positive or negative integer or zero (0). * A negative value means no limit is applied, and all notifications/activities are sent. * Zero (0) value means that no notification/activities are sent.	50
com.polarion.modules.path	Defines the root path of Polarion *modules* (that is, of LiveDoc documents) relative to project root. Value is a string.	modules

`com.polarion.modules.path.new`	Defines the new root path of modules (LiveDocs root folder) relative to project root. Default value is the same as the value of `com.polarion.modules.path`. If you change this value to something else, all newly created modules will be placed under the new root but backward compatibility is maintained so that you do not lose documents on legacy locations. Value is a string.	modules
`com.polarion.moreTemplatesLink`	Specify the hyperlink for the *Get more templates* button in the *Create New* dialog on the index page of spaces. If the property is not set, or its value contains an empty string, the button is hidden. Value type is string.	""
`com.polarion.notifications.documents.update.maxparagraphs`	Defines the maximum number of changed paragraphs rendered in a *Document updated* notification. Prevents notification being overly long in case of many changes in large documents. Value is a positive integer.	20
`com.polarion.placeCommentsDirectly`	Controls the placement of document comments in the Document Editor. Value is Boolean (*true* or *false*). * If *true,* then comments are placed directly under the cursor. * If *false*, comments are placed after current word. The setting also applies to new comments added in round-trip documents when they are imported to Polarion.	false
`com.polarion.plans.calculateResolvedRemainingEstimate`	Used in time-based Plan calculations. Value is Boolean (*true* or *false*). If *true*, then remaining (time) estimate of resolved work items is calculated.	true
`com.polarion.platform.cpuStatistics`	Enables or disables logging of details of CPU time spent to the TX log. Value is Boolean (true *or false*). Example log entry (when property is enabled): `Summary for 'PreloadDataService': Total: 2.42 s,` **CPU** `[user: 1.17 s, system: 0.922 s], ...`	true

com.polarion.platform.ehcachexml	Defines a custom location for the `ehcache.xml` file which is used for configuring *EHCache*. Useful in multi-instance scenarios when each instance should have its own configuration. Value is a string. **NOTE:** For information on multi-instance setup and configuration, see the Enterprise Setup guide (PDF document available online in the Polarion support area).	`<polarion>/polarion/configuration/ehcache.xml`
com.polarion.platform.i18n.forceWrapable	Governs the placement of words in a line when text is translated from one human language to another. Value is Boolean (*true* or false). For example, suppose the German translation of English text results in more words, but it is desired to have the words in the same line, not multiple lines. When this property is *true*, then "zero width space" characters are added to the localization messages which do not contain any space, after each character. This is not noticeable to the end user, but it ensures that the text is kept in one line.	false
com.polarion.platform.internalPG.maxMultiRowInsertSize	Pertains to PostgreSQL operations. Specifies the maximum number of rows inserted by one multi-row *insert* statement. Value is a positive integer. `INSERT INTO Struct_TestRun_records VALUES ((?, ?, ?, ?), (?, ?, ?, ?), (?, ?, ?, ?), (?, ?, ?, ?), (?, ?, ?, ?))` Specifying a value that is too big can cause exceptions resulting from a statement that is too big to handle. PostgreSQL requires that one statement must be fully transferable using one "network chunk" with a limited size (several kilobytes).	100

com.polarion.platform.internalPG.maxTextIndexSize	Sets the maximum size of a String that can be put into a text-like column (in PostgreSQL: text) when such type of column is indexed. If the String is bigger than the value of this property, the tail is cut off (`substring(0, value)`). Value is a positive integer or zero (0). If set to *0*, then there is no cutoff. This does not affect the rich text fields (WI description, Document homepage etc) as these fields are not indexed in DB. **NOTES:** * PostgreSQL has a type 'text' which allows storing a String of unlimited size, but the index imposes an upper boundary on the size of a String to be indexed (2048 in PostgreSQL 8.4). Thus, if you have an indexed column of type 'text', you will not be able to put there a String bigger than 2048 bytes. * Default value is the PostgreSQL maximum as of version 8.4.	2048

com.polarion.platform.loggingServiceInterceptor.enabled	Enable or disable the logging of time spent in Hivemind service interceptors in cases when it would cause problems. Value is Boolean (*true* or *false*). The property has no effect when there are no interceptors configured.	true
	Interceptors are configured like this:	

```
<service-point id="DSInterceptorFactory"
interface="org.apache.hivemind.ServiceInterceptor
Factory" visibility="private">
    <invoke-factory>
        <construct
class="com.polarion.fme.workitemsave.actions.DSIn
terceptorFactory">
        </construct>
    </invoke-factory>
</service-point>
<implementation service-
id="com.polarion.platform.persistence.dataservice
.dataService">
    <interceptor service-
id="DSInterceptorFactory" />
</implementation>
```

com.polarion.platform.memoryStatistics	Enables or disables logging of allocated memory to the TX log. It is an amount of the memory allocated by the execution of a given operation. Therefore, it is not an amount which stays allocated after the operation is executed. Actually, none or very small fraction of that might stay in the memory after the operation is executed. Value is Boolean (*true* or *false)*. Example log entry (item resulting from *true* value in this property shown as **bold**): Summary for 'PreloadDataService': Total: 1.55 s, CPU [user: 0.734 s, system: 0.75 s], **Allocated memory: 622.8 MB**, transactions: 8, svn: 1.21 s [57% getFile content (158x), 40% getDir2 content (89x)] (265x), RepositoryConfigService: 0.615 s [97% getReadConfiguration (576x)] (668x), resolve: 0.345 s [67% Category (30x), 19% User (8x)] (47x), ObjectMaps: 0.0884 s [46% getPrimaryObjectLocation (43x), 28% getLastPromoted (43x), 27% getPrimaryObjectProperty (43x)] (175x)	true
com.polarion.platform.monitoring.notifications.freeSpacePercent	Controls when notifications about low disk space are triggered. Value is an integer representing a percentage (0 -100). When free disk space is less than the specified value, notifications are sent to the email addresses of all users assigned the global administrator role. **NOTE:** It is important that all global admins have a valid email address in their user profile.	5
com.polarion.platform.notificationsSynchronizationCleanupInterval	The time interval for cleaning out old revisions from a cluster-wide cached list of unprocessed events. Value is a positive integer and used only in a clustered server setup. **NOTE:** For information on cluster setup, see the Enterprise Setup guide (PDF available online in the Polarion support area).	60
com.polarion.platform.notificationsSynchronizationCleanupThreshold	Specifies the number of revisions that are left in the cluster-wide cached list of unprocessed events. Value is a positive integer and only used in a clustered server setup. **NOTE:** For information on cluster setup, see the Enterprise Setup guide (PDF available online in the Polarion support area).	100

`com.polarion.platform.numOfPullingJobWorkers`	Configures how many worker threads can be used by PullingJob when it indexes revisions done outside of Polarion (done by some other node in a cluster, for example). Default value is taken from property `com.polarion.startup.workers.phase7` and is the same number of threads as is used during the Data Object Indexing phase of reindex. If set to *1* then revisions are processed on the PullingJob thread with no async behavior. **NOTE:** For information on cluster setup, see the Enterprise Setup guide (PDF available online in the Polarion support area).	(see Description)
`com.polarion.platform.numOfWorkersNotifications`	Number of worker threads for creating notifications and Activity Stream activities. Value is a positive integer or zero (0). The maximum number of automatically selected workers based on the number of processors is 8. Setting to zero (0) returns it to the original state where the activities and notifications are created by the "Persistence Events Processing Thread".	1 + availableProcessors / 2
`com.polarion.platform.persistence.IAuthSrcPermissionService.allowed`	Controls whether *AuthSrcPermissionService* is used or not. If *true*, then instances of some prototypes (e.g. Module, Work Item) are checked to determine whether the current user has access rights to the proper SVN location according to the `access` file. Set this property to *false* if you want to turn this feature off - when the `access` file is not available, for example.	true
`com.polarion.platform.repository.accessFileEncoding`	Optionally specify a non-default encoding of the Subversion *access* file. You may need to do this if there are paths or group names containing national language characters in the *access* file AND the default system file encoding cannot handle them. **NOTE:** The default value is the value of the Java system variable `file.encoding` on the host system.	System dependent (see Description)
`com.polarion.platform.repository.passwdFileEncoding`	Enables you to specify the encoding of the Subversion `passwd` file. Useful when that file contains usernames and passwords with national characters AND the default system file encoding cannot not handle them. The default value is system dependent. The value of the Java system variable `file.encoding` is used. Value is a string.	(see Description)

`com.polarion.platform.security.cacheSize`	Defines the size of the cache for security objects. Recommended value is the total number of all users. Value is a positive integer.	20000
`com.polarion.platform.sql.doNotIndexWIsCommentsInHistory`	Controls whether or not Work Item comments are indexed in History. Value is Boolean (*true* or *false*). If *true*, then the comments are not indexed.	false
`com.polarion.platform.sql.maxBaselineSchemasKept`	Defines the maximum number of baseline schemata that are kept simultaneously in the database. Value is a positive integer. If exceeded, then the LRU algorithm is used to determine which schema is to be deleted.	50
`com.polarion.platform.sql.pgPort`	Defines the TCP port on which the built-in PostgreSQL-like server is listening. Value is a positive integer. This internal H2's PG server is used since version 3.10.0 for the DBlink connection to Polarion's Lucene from the external PostgreSQL database. Scripts that configure the PostgreSQL connection to Polarion do not take this configuration into account and always presume that it is running on default port 5435.	5435
`com.polarion.platform.sql.populateEnumOptionsTable`	Controls whether refreshing of enumerations in a database job will be started as part of the data pre-loading phase. Value is Boolean (*true* or *false*). Value *false* means to skip it.	false
`com.polarion.platform.sql.searchSizeLimit`	Defines the maximum SQL result size to prevent Out of Memory (OOM) errors. Value is bytes.	1000000
`com.polarion.platform.sql.synchronousAttachmentIndexingAlways`	Controls whether or not attachments are indexed asynchronously. Value is Boolean (*true* or *false*). If set to *true*, the attachments are indexed synchronously.	false
`com.polarion.platform.sql.synchronousHistoryCreation`	Controls whether or not the History in the internal database is indexed synchronously during re-indexing. Value is Boolean (*true* or *false*). If set to *true*, the history is indexed synchronously.	false

`com.polarion.platform.sql.useNewStructTables`	Value is Boolean (true or *false*). If you have very large manual Test Runs, the default system configuration can result in excessive numbers of Test Run records in the historical database because it uses the default referencing of structures via foreign key. You can remedy this situation by setting this property to *true*, which ensures that artificial primary keys (PK) are generated for Test Run records, resulting in far fewer records in the historical database. **NOTE:** After changing the setting of this property it is necessary to reindex the system to rebuild the database. For more information, see online Help topic *Index and Reindex*.	false
`com.polarion.platform.sql.useStringPKs`	Defines type of C_PK, C_URI and FK_* columns in PostgreSQL database. Value is Boolean (true or *false*). Value set to *false* means the columns are of type BIGINT, otherwise they are of type VARCHAR. Does not affect the legacy H2 database, as these columns are always strings (VARCHAR).	false
`com.polarion.platform.subterraURITableCacheSize`	Defines the size of the cache used for translating numeric PKs to URIs. Value is number of entries. It should be increased if the TX log shows high time spent in *SubterraURITable*. Each entry can take up to 1KB of memory so it should not be increased too much.	100000
`com.polarion.platform.threadStatistics`	Enables or disables logging of details of thread contention statistics to the TX log. Example log entry: ... **Thread**: 0.00000136 s [100% waited (5x)] (5x), ... **WARNING:** Enabling this property has caused significant system performance degradation in some performance tests. It is recommended to disable it after getting the log data you need for analysis.	false
`com.polarion.platform.tomcatSessionTimeout`	Specifies the time (in minutes) after which session timeout occurs in the Tomcat web server.	30
`com.polarion.platform.transaction.timeout`	Specifies the period of time after which transactions time out. Value is a positive integer representing seconds. The default value represents one hour.	3600

`com.polarion.platform.txLoggingOfFieldPermissions.enabled`	Enables or disables logging of time spent in checking per-field permissions. Value is Boolean (*true* or *false*). **NOTE:** Tests have shown that enabling this property causes some small performance degradation. It is recommended to enable it temporarily if you need to capture this aspect of your system to the logs.	false
`com.polarion.print.disableStretchedFooter`	Controls the placement of footer during Work Item printing. Value is Boolean (*true* or f*alse*). If set to *true* and Work Item print is used, then the footer is placed immediately after Work Item content. (Footer will not be aligned to the end of the document).	false
`com.polarion.purevariants.optimisticMultithreading`	Value is Boolean (*true* or *false*). If *true*, use a single `ConsulCorePlugin` instance to do all communication with Pure Variants server. Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server. For information about the feature, see Polarion online Help topic *Manage variants*.	false
`com.polarion.purevariants.server.disabled`	Enables or disables automatic startup of the Pure Variants server. Value is Boolean (*true* or *false*). Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server. For information about the feature, see Polarion online Help topic Manage variants.	false
`com.polarion.purevariants.server.home`	Stores the path to the installation folder of Pure Variants server. Value is a string. Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server. For information about the feature, see Polarion online Help topic *Manage variants*.	$[com.polarion.home]/bundled/purevariants
`com.polarion.purevariants.server.log.file`	Stores the path to the log file used by the Pure Variants server. Value is a string. Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server. For information about the feature, see Polarion online Help topic *Manage variants*.	$[com.polarion.data]/logs/purevariants.log

`com.polarion.purevariants.server.log.level`	Defines the log-level used by the Pure Variants server. Value is a positive integer or zero (0). Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server. For information about the feature, see Polarion online Help topic *Manage variants*.	0
`com.polarion.purevariants.server.port`	Defines the default port number used by the Pure Variants server. Value is a positive integer. Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server. For information about the feature, see Polarion online Help topic *Manage variants*.	4711
`com.polarion.purevariants.server.projects.data.folder`	Stores the path to the data folder used by the Pure Variants server. Value is a string. Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server. For information about the feature, see Polarion online Help topic *Manage variants*.	$[com.polarion.data]/purevariants
`com.polarion.purevariants.singleThreaded`	Controls thread requests in the Pure Variants backend server. Value is Boolean (*true* or *false*). If *true*, the backend server will only process one request at a time. Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server. For information about the feature, see Polarion online Help topic *Manage variants.*	false
`com.polarion.repository.pollingPeriod`	Defines the polling period of external repositories. Value is milliseconds.	5000
`com.polarion.repositorySessionTimeout`	Repository session timeout in seconds. This timeout is checked periodically based on the value set in property `com.polarion.repositorySessionTimeoutCheckInterval.`	600
`com.polarion.repositorySessionTimeoutCheckInterval`	Repository session timeout check interval in seconds. Defines how often repositories are checked for timeout as defined in property `com.polarion.repositorySessionTimeout.`	180

`com.polarion.reqif.archiveCharset`	Specifies the character set used to encode/decode the names of entries in ZIP archive files used with ReqIF Import/Export. Value is a string. **NOTE:** The default value is correct according to the ZIP specification. However, a different encoding may be commonly used in some countries. For more information about the feature, see Polarion online Help topic *Use ReqIF Import/Export*.	Cp437
`com.polarion.reqif.bulkLoadTemplateEnabled`	Value is Boolean (*true* or *false*). If set to *true* a dialog is displayed to end users that allows application of a template to all specifications that are currently being imported or exported. Pertains to the ReqIF import/export feature. For more information about the feature, see Polarion online Help topic *Use ReqIF Import/Export*.	false
`com.polarion.richPages.maxNumberOfPointInLineChart`	Defines the maximum number of points in line charts in Pages (LiveReport, Info). Value is a positive integer. For more information about the feature, see Polarion online Help topic *Work with Pages*.	1000
`com.polarion.scripting.servlet.enabled`	Provides system-level control over use of scripting servlet. Scripting servlet is also controlled by permissions. Value is Boolean (*true* or *false*). Set this property to *true* if you want to enable use of scripting servlet.	false
`com.polarion.scripting.useRhinoJsEngine`	The Rhino engine is bundled in Polarion to enable users to execute older scripts on Rhino engine. You can set this property to choose between the default JavaScript engine from Java and the bundled Rhino JavaScript engine. Value is Boolean (*true* or *false)*. * *false* = use JavaScript engine from Java installation * *true* = use Rhino JavaScript engine bundled in Polarion	false

`com.polarion.security.enablePerFieldSecurity`	Enables or disables per-field security features. Value is Boolean (*true* or *false*). Set this property to *false* only if you want to disable per-field security features, especially the read-deny. **NOTE:** Enabled per-field security can have negative performance impact on some use cases, such as time matrix.	true
`com.polarion.showCapitalizationHintOnLogin`	Value is Boolean (*true* or *false*). If set to *true,* and user enters a wrong user name in the login form, but there exists precisely one user in Polarion with the same login name up to capitalization, login is refused with message revealing the correct capitalization of the login name. Otherwise, and by default, the login is refused as if the login name is completely unknown.	false
`com.polarion.showOutlineNumberBeforeTitle`	Value is Boolean (*true* or *false*). If set to *true*, Polarion displays outline numbers before title.	false
`com.polarion.startup.workers`	Defines number of workers (threads) which will be used during reindex and execution of `AttachmentIndexer` and `DBHistoryCreator` jobs. Can also be defined for individual phases of reindex by property `com.polarion.startup.workers.phase#`. Value is a positive integer. Applies to phases: * Context initialization - phase 3 of reindex * Data indexing - phase 7 of reindex * Attachment indexing - phase 10 of reindex (`AttachmentIndexer` job) * History Indexing - phase 11 of reindex (`DBHistoryCreator` job)	Number of procesor cores / 2 + 1

`com.polarion.subterra.ObjectIndex.batchLimit`	When objects are indexed during the "Data indexing" phase of reindex, they are divided into batches to prevent OutOfMemory (OOM) errors. This property specifies the size of such batches. Value is a positive integer representing number of objects. You can try to set the value lower if you are getting OOM errors during phase 7 of reindex or during the `DB History Creator` job. Batch size: * Common objects = batchLimit x 1 * Revision = batchLimit x 100 * Test Run = batchLimit / 10	100
`com.polarion.synchronizer.commitChunkSize`	Defines the size of chunks in which Work Items are committed when creating or updating Work Items during ReqIF or RIF synchronization. Value is a positive integer representing number of Work Items.	500
`com.polarion.titleQueriesExpansionEnabled`	Value is Boolean (true or false). If *true*, Polarion alters Work Item queries so that whenever the *title* field is searched for, field *title.1* is also taken into account. Roughly speaking, this means that Polarion then replaces subqueries `title:XXX` with subqueries `title:XXX OR title.1:XXX`.	false
`com.polarion.tracker.allowLinkingWorkItemByOutlineNumber`	This property enables or disables searching of the Outline Number Index when linking Work Items. Value is Boolean (*true* or *false*). Example: `com.polarion.tracker.allowLinkingWorkItemByOutlin eNumber=true`	true
`com.polarion.tracker.disableResolvedOnSetting`	Enables or disables automatic setting or clearing of the *resolvedOn* field of Work Items when the *resolution* field is being set or cleared. Value is Boolean (*true* or *false*).	false

`com.polarion.txwatchdog.delay`	"TX Watchdog" (or ThreadDumper) watches out for transactions that take to long. Whenever such transaction occurs, stack traces of all threads in the system are logged on INFO level. This property defines how much time is "too long" for a transaction: Value is in milliseconds. Thus, a value of 120000 means that transactions which take more than 2 minutes are too long, and logging occurs. A value of `-1` in this property disables this logging. **NOTES:** * Web services transactions are affected. * Administrators can manually trigger thread dumps via a button in the *Maintenance* page of Administration. See also: `com.polarion.txwatchdog.period`	-1
`com.polarion.txwatchdog.period`	"TX Watchdog" (or ThreadDumper) watches out for transactions that take to long. Whenever such transaction occurs, stack traces of all threads in the system are logged on INFO level. This property defines how often this logging should happen. Value is in milliseconds. Thus, a value of 60000 means that logging will occur once per minute for any single transaction that is taking too long. A value of `-1` in this property disables this logging. **NOTES:** * Web services transactions are affected. * Administrators can manually trigger thread dumps via a button in the *Maintenance* page of Administration. See also: `com.polarion.txwatchdog.delay`	-1

`com.polarion.ui.bulkEditBatchSize`	To handle changes to large numbers of Work Items, such as my occur with the Bulk Edit feature, scripts, jobs, etc. it is possible to split the change into multiple commits of smaller batches of items, if necessary. This property defines the batch size - i.e. the number of Work Items. Value is an integer. * The number of Work Items in a commit (batch size) cannot be zero (0). * A value of `-1` means that all changed Work Items are processed in one transaction, with potential impact on system performance for the duration of the processing.	500
`com.polarion.ui.bulkEditRestrictedLimit`	Controls the maximum number of Work Items that can be edited using normal Bulk Edit. Value is a positive integer. If more than the specified maximum are selected, "Restricted" Bulk Edit is activated. A panel of options is then shown to end users, and the word "Restricted" appears on the Bulk Edit button, which leads to a limited view in which the user can edit field values, but the current values are not loaded in order to optimize server performance for all users.	100
`com.polarion.ui.defaultQuery`	Specifies the system-wide default query for the Work Items table. Value is a string. Used when end users select *Work Items* in Navigation and no overriding user-defined query is configured. **NOTE:** This default query is applied within the scope where the user is currently working: project, project group, or Repository. The default value of this property queries for all unresolved Work Items.	NOT HAS_VALUE:re solution
`com.polarion.ui.diagrams.fonts`	Defines a list of fonts to be shown in the Diagram Editor. Value is a string, specified as a comma-separated list of font names, e.g. "Helvetica,Verdana". The first font is the list will become the default font. If this property is not set, a default list of fonts is used, consisting of: Helvetica, Verdana, Times New Roman, Garamond, Comic Sans MS, Courier New, Georgia, Lucida Console and Tahoma, and the default font is Helvetica.	null

`com.polarion.ui.document.lazyLoad`	"Lazy-loading" means that the Work Items contained in a LiveDoc Document, and their content, are loaded "on demand" as the user scrolls in the Document Editor, rather than loading all contained Work Items when the user opens the Document. This is the default system behavior, as it can significantly improve performance and reduce wait time, especially for large LiveDocs containing many Work Items. However, it is possible for individual users to enable/disable lazy-loading in each specific Document. This property controls whether or not the UI control for this (i.e. on/off buttons) is shown to users in the in Document Properties panel. Value is Boolean (*true* or *false*). If *true*, the control is visible, the user's choice is applied to the currently open LiveDoc for that user only, and the setting persists until changed. If *false*, the control is hidden, lazy-loading is always enabled and users cannot disable it.	true
`com.polarion.ui.documentCompare.workItemsLimit`	When users invoke the Compare feature while editing a LiveDoc Document, the default compare view loaded is *Document*. In this view, all elements are compared (headings, images, etc.), not just Work Items. However, this view is slower to load than the compare views for Work Items and Fields. In larger LiveDocs containing many items, this can force a much longer wait time on users who only want to compare Work Items or Fields, not waiting for the *Document* compare view to load before they can choose that compare view. This property defines the maximum number of Work Items a LiveDoc can contain and still present the *Document* compare view immediately when users invoke the Compare feature. Value is a positive integer. When this maximum is exceeded, a intermediate page displays enabling the user to choose which compare view to load: *Document* or *Work Items*. Factors to consider when setting this property include server and network resources, common size of LiveDocs and compare view most often needed by your end users.	1000

`com.polarion.ui.lock.timeout`	Defines the timeout in minutes for locking of diagrams in the Diagram Editor. Value is a positive integer. **NOTES:** * User who opens a diagram obtains a lock with timeout as set in this property. * User attempting to open a locked diagram is notified with info about who locked it and when. * Lock is "soft" - another user can override it and obtain their own lock. * If this property is not set in the properties file, the default value is used.	480
`com.polarion.ui.login.resetPasswordLinkLabel`	Specify link text to display on the Polarion portal login page, leading to your password reset page. Value is a string. You must also set the `com.polarion.ui.login.resetPasswordLinkLabel` property. Example: `com.polarion.ui.login.resetPasswordLinkLabel=Reset Password` For more information, see online Help topic *Enable users to reset password* .	null

`com.polarion.ui.login.resetPasswordLinkURL`	Optionally specify the URL of a page on your system that you have provided for users to reset their password. Value is a string. **IMPORTANT:** You must also set the `com.polarion.ui.login.resetPasswordLinkLabel` property. Example: `com.polarion.ui.login.resetPasswordLinkURL=http:/` `/www.mydomain.com/user/recoverpw.php` For more information, see online Help topic *Enable users to reset password* .	null
`com.polarion.ui.maxRenderedItemsInCombo`	Defines the maximum number of items rendered in combo box controls in the user interface.Value is a positive integer. Allowing too many items can adversely impact performance. The default value has proved optimal for many installations, but there is no hard and fast rule. Factors such as number of users, amount of memory, and settings of other configuration options can all affect overall performance.	100

`com.polarion.ui.richText.fonts`	Specifies a custom list of fonts available in rich text type fields and edit controls and the Document Editor, and font substitution (which on import or paste replaces certain fonts with fonts available in the Polarion system). Value is a string. Specify available fonts as a semicolon-delimited list. Delimit font substitutions within each list item using a comma (see example). *Example:* `com.polarion.ui.richText.fonts=Arial, Helvetica; "Courier New", Georgia, Garamond;` The above specifies a custom list of fonts that includes only Arial and Courier New fonts with the following substitutions: * Helvetica is substituted by Arial * Georgia and Garamond are substituted by Courier New	""
`com.polarion.ui.table.hardLimit`	Specifies the hard limit for the number of items displayed in the Work Items table (tracker) and various others (users, projects, etc). Tables will never display more items than this limit. Value is a positive integer.	10000
`com.polarion.ui.timeSheet.hardLimit`	Specifies the maximum number of cells that can be displayed for editing in the Time Sheet view of Work items. See also: `com.polarion.ui.timeSheet.softLimit`	10000
`com.polarion.ui.timeSheet.softLimit`	Specifies the soft limit for the number of cells rendered in the Time Sheet view of Work Items. Value is a positive integer. If the number of cells exceeds this limit, then a confirmation dialog informs the user that rendering of the table may take long time and provides the option to cancel. See also: `com.polarion.ui.timeSheet.hardLimit`	2000

`com.polarion.ui.treeTable.hardLimit`	Sets the hard limit maximum for the number of queried (root) items in the Tree Table view of Work Items that can be used as root elements. If the user does not accept the soft limit specified in property `com.polarion.ui.treeTable.softLimit`, then the tree will be limited to the number of queried (root) items specified in this property. Value is a positive integer.	10000
`com.polarion.ui.treeTable.softLimit`	Configurable soft limit for the maximum number of queried (root) items displayed in the Tree Table view of Work Items. If the number exceeds the specified limit, a confirmation dialog for constructing the tree is displayed informing the user about available options. Value is a positive integer. See also: `com.polarion.ui.treeTable.hardLimit`	1000
`com.polarion.ui.useOldSortingInEnumerationBubbles`	Used to define cases when alphabetical sort order is used for enumeration values in Visual Query Builder elements (a.k.a."bubbles"). Value is Boolean (*true* or *false*). * If *true*, legacy behavior is used, which may render some sorts in ways users find strange or confusing. * If false, Polarion will try to use sorting by the sort order defined in enumeration configurations in more cases in enumeration bubbles.	false
`com.polarion.variants.featureModelStructureRole`	Specifies the the link role to use for the Feature selection tree. Value is a string containing the ID of an existing Link Role (e.g. "parent" for Link Role named "Parent"). Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server.	parent
`com.polarion.variants.featureModelType`	Defines the document type of the document containing the variants projects Feature Model. Value is a string containing the ID of an existing document type. Example: "featureModel" as ID for a document type named "Feature Model". Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server.	featureModel

`com.polarion.variants.featureSelection.sortByOutlineNumber`	Controls how Features are sorted. Value is Boolean (*true* or *false*). * If *false*, the features displayed in the Feature Selection view and Variants compare view are sorted by variation type. * If *true*, the above are sorted in these views by outline number. Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server.	false
`com.polarion.variants.featureType`	Defines the Work Item type that represents Features. Value is a string containing the ID of an existing Work Item type. Example: "feature" as ID for a type named "Feature". Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server.	feature
`com.polarion.variants.variantType`	Specifies the Work Item type that represents Variants. Value is a string containing the ID of an existing Work Item type. Example "variant" as ID for a type named "Variant". Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server.	variant
`com.polarion.variants.variationTypeField`	Specifies the enumeration that should be used for the variation type of a Variant. Value is a string containing the ID of an existing enumeration. Example "variationType" as ID for an enumeration named "Variation Type". Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server.	variationType
`com.polarion.velocity.allow.internal.api`	Disables or enables calls from Velocity of API methods which are internal. Value is Boolean (*true* or *false*). **NOTE:** Property was introduced to disable such code especially in Pages (Live Report, etc.) in cases where it would be undesirable in some customers' systems.	false
`com.polarion.velocity.autoUnindentScripts`	Value is Boolean (*true* or *false*). When *true*, all Velocity scripts are automatically unindented - all spaces at the beginning of lines before the first '#' character are removed.	true

`com.polarion.wiki.allowedSecurityServiceMethods`	Some methods of `ISecurityService` are restricted from use in wiki (Classic Wiki) pages. This property makes it possible to remove this restriction for some of them (some methods are allowed always). The value is a string that can contain a comma separated list of method names. Example: `addGlobalRoleToUser,removeGlobalRoleFromUser` **NOTE:** The legacy wiki technology for non-LiveDoc pages, now referred to as Classic Wiki, is considered deprecated.	none
`com.polarion.wiki.forceWikiBaseUrl`	Value is Boolean (*true* or *false*). If true wiki uses `base.url` as server name instead of reading the value from requests. **NOTE:** The legacy wiki technology for non-LiveDoc pages, now referred to as Classic Wiki, is considered deprecated.	true
`com.polarion.wiki.sharedVelocity`	Value is Boolean (*true* or *false*). If *true*, the wiki (Classic Wiki) uses one shared instance of Velocity. That is legacy behavior. **NOTE:** Classic Wiki technology is currently deprecated. Migration to and use of newer widget-based Pages is recommended.	false
`com.polarion.wordRoundTrip.allowImportOfSuspectDocument`	Value is Boolean (*true* or *false*). If set to *true* it is possible, after confirmation, to import a round-trip Word document even if Polarion detects that it was edited by an unsupported editor or Microsoft Word version.	false
`com.siemens.polarion.cluster.activeLoadBalancingEnabled`	This is a general switch enabling the Active Load Balancing feature (ALB). Value is Boolean (*true* or *false*). The feature activates session replication between the nodes of a server cluster and enables seamless user movement between the nodes to balance the traffic, and seamless node switching in case of a node failure. **NOTE:**This property has no effect with non-clustered configurations. For information in multi-server and clustered setups, see the Enterprise Setup guide (PDF document available online in the Polarion support area).	false

com.siemens.polarion.cluster.excludedSessionAttributes	**Background Information**	empty
	There could be extra data being stored in user sessions in some page scripts or external applications. These components could store generally anything in the sessions.	
	In a clustered server configuration with enabled Active Load Balancing (see `com.siemens.polarion.cluster.activeLoadBalancingE nabled`) the sessions are being serialized and replicated to other nodes in the cluster. All the data being stored into the sessions must be serializable - must implement `java.io.Serializable` interface - in order to be replicated. An attempt to serialize non-serializable session attribute will raise `java.io.NotSerializableException` in the replication process, visible in the log file, and the particular attribute will not be replicated.	
	Usage of this property	
	To avoid raising the exception, the problematic attributes can be added into this property, after which they will not be replicated. Missing attributes may of course cause incorrect behavior of the page script or external application. A preferred solution, recommended, is to update these page scripts and/or external applications to make all the session attributes serializable. Then, the relevant class(es) should be removed from this property.	
	The value is a string that can contain comma-separated list of fully qualified Java class names, ***without spaces***.	
	For information in multi-server and clustered setups, see the Enterprise Setup guide (PDF document available online in the Polarion support area).	

| com.siemens.polarion.cluster.membershipChannel.address | This property (together with `com.siemens.polarion.cluster.membershipChannel.po rt`) defines cluster membership communication channel multicast address (and port) when using a multi-cluster configuration with Active Load Balancing enabled (in `com.siemens.polarion.cluster.activeLoadBalancingE nabled`) to distinguish multiple Polarion clusters on a single network. Value is a string. The default value copies the default Tomcat configuration. The particular cluster membership channel configuration must differ either in the address or the port.

You should set these properties if you operate other (i.e. non Polarion) Tomcat servers in a cluster configuration on the same network. In any case the network configuration must allow multicast addressing on the chosen network interface of each node and enable the port in the node firewall (if any).

 For information in multi-server and clustered setups, see the Enterprise Setup guide (PDF document available online in the Polarion support area). | 228.0.0.4 |

com.siemens.polarion.cluster.membershipChannel.port	This property (together with `com.siemens.polarion.cluster.membershipChannel.ad dress`) defines cluster membership communication channel multicast address (and port) when using a multi-cluster configuration with Active Load Balancing enabled (in `com.siemens.polarion.cluster.activeLoadBalancingE nabled`) to distinguish multiple Polarion clusters on a single network. Value is an integer. The default copies default Tomcat configuration. The particular cluster membership channel configuration must differ either in the address or the port. You should set these properties if you operate other (i.e. non Polarion) Tomcat servers in a cluster configuration on the same network. In any case the network configuration must allow multicast addressing on the chosen network interface of each node and enable the port in the node firewall (if any). For information in multi-server and clustered setups, see the Enterprise Setup guide (PDF document available online in the Polarion support area).	45564

`com.siemens.polarion.cluster.nodeHostname`	This property can override the host name of the default network interface used for session replication in a clustered server configuration with Active Load Balancing enabled on particular node (in `com.siemens.polarion.cluster.activeLoadBalancingEnabled`). The Tomcat application server opens a socket listener on the default network interface. The default interface, however, might not be the one used for the session replication. It depends on the underlying OS and its setup. Value is a string that can hold either the proper network interface IP address or the proper host name, which would be translated into the right network interface IP address. The default value of the parameter is *auto* which causes Tomcat to ask the OS for the default network interface. The network interface name used, and the IP address, are logged in the Polarion log file. Search for *"TomcatAppServer cluster local bind host name:" string (class com.polarion.portal.tomcat.TomcatAppServer, level INFO)*. Define this property if the session replication doesn't work and/or the network interface used differs from the one required. For information in multi-server and clustered setups, see the Enterprise Setup guide (PDF document available online in the Polarion support area).	auto

`com.siemens.polarion.cluster.stickyCookieMaxAge`	Defines the user session stickiness cookie timeout / expiration in a clustered server configuration. Used to enable user distribution and balancing across the cluster nodes. The property is only used when Polarion is configured in cluster and Active Load Balancing is enabled (in `com.siemens.polarion.cluster.activeLoadBalancingEnabled`). Otherwise it is ignored. Value is in seconds and should initially be set to 300 (= 5 minutes). You may experiment a bit with the value to find the most optimal value for your purposes. Reasonable range for the value is between 120 and 600 seconds. For information in multi-server and clustered setups, see the Enterprise Setup guide (PDF document available online in the Polarion support area).	0 or 300

com.siemens.polarion.cluster.stickyCookieName	Sets the name of the cookie that defines how "sticky" the Apache session is and request routing in a cluster environment. Value is a string. **NOTE:** This property is only used when Polarion is configured in a cluster setup, and when the Active load balancing is enabled. Otherwise it's ignored. If the Active Load Balancer is enabled and configured to use sticky sessions, all of a user's interactions will happen with the same physical server, even in a multi-server setup. **Important!** * The value must the same as the cookie name configured in the Apache load balancer configuration. (The default ROUTEID value is compatible with the default Apache load balancer configuration templates.) * If the name of the sticky cookie in the `polarion-cluster.conf` and `polarion.properties` file are different, then two cookies will be generated (one from the Polarion server and one from the Apache cluster configuration), and they will not work. * If the Active Load Balancer is not active, the sticky cookie from Polarion will not be used. For complete information on configuring Polarion in a clustered server setup, see the Enterprise Setup guide (PDF available online in the Polarion support area).	ROUTEID

`com.siemens.polarion.document.listStyle`	Sets representation style of numbered lists in the entire application. Value is a string; alpha and numeric characters can be entered. Possible characters are: "1" for decimal numbers "1,2,3" "a" for lowercase letters "a,b,c" "A" for uppercase letters "A,B,C" "i" for lowercase Roman numbers "i,ii,iii" "I" for uppercase Roman numbers "I,II,III" Examples: default: "1" Word Multilevel list default: "1ai" (it will effectively make itself "1ai1ai1ai" as Word supports max. 9 levels)	1
`com.siemens.polarion.doorsconnector.connectionCheckTimeout`	Defines the number of seconds that Polarion tries to connect to a DOORS server before giving up. Value is a positive integer. **NOTE:** This property is faster and differs from `com.siemens.polarion.doorsconnector.timeout.` (Used while executing commands when already connected to the DOORS server.)	60
`com.siemens.polarion.doorsconnector.ole2FilenameBlacklist`	Value is a string that can contain a comma-separated list of filenames to be excluded from OLE2 hash calculation. Used to blacklist files within the OLE2 file system (such as flags and caches) that tend to change even if the OLE content remains intact.	\u0002OlePres000,RichEditFlags
`com.siemens.polarion.doorsconnector.timeout`	Time that the DOORS connector will wait for a response to a command sent to the DOORS client. Value is a positive integer representing seconds.	300
`com.siemens.polarion.hpqcconnector.numberOfParentIdsPerGetRequest`	Used to set the number of parentIds that are used in a single GET request. Necessary because HPQC may not accept GET requests with a header larger than 8192 bytes. (Length depends on server configuration.) Value is a positive integer.	500

`com.siemens.polarion.javasvndriver.retryDelay`	Delay time before a Subversion operation will be retried after a temporary problem. Value is an integer representing milliseconds. Zero (0) or negative value means no delay. Delay is applied before each retry. Has no effect if retrying is not allowed due to setting in `com.siemens.polarion.javasvndriver.retryLimit.`	500
`com.siemens.polarion.javasvndriver.retryLimit`	Defines how many times a Subversion operation can be retried because of a temporary problem. Currently applies only to read operations throwing *Malformed network data* exception and connection timeout. Value is an integer. Negative value or zero (0) means no retry allowed. See also: `com.siemens.polarion.javasvndriver.retryDelay`	3
`com.siemens.polarion.nodeJsServer.autoStart`	Controls whether or not the *NodeJs* process starts automatically during Polarion startup. Value is Boolean (*true* or *false*). When set to *true* the process starts automatically. **NOTES:** * The `Node.js` server script is used to convert SVG from a passed LaTeX formula * A service implemented in Polarion makes HTTP call to `Node.js` For information about `Node.js` visit https://nodejs.org/en/about/	true
`com.siemens.polarion.nodeJsServer.host`	Use this property to overwrite the default host on which NodeJs server process will be started. The default host name for NodeJs process is ***127.0.0.1***.	127.0.0.1
`com.siemens.polarion.nodeJsServer.killOldProcess`	Use this property to define whether to kill old NodeJs process before starting the new one. For example, this may be needed when Polarion shut down abnormally, and corresponding NodeJs process was not stopped. If this property is set to ***true***, then during the next start of Polarion, old NodeJs process will be killed before Polarion will try to start the new process. The default value for this property is ***true***.	true

`com.siemens.polarion.nodeJsServer.port`	Use this property to overwrite the default port on which NodeJs server process will be started. The default port for NodeJs process is 34568.	34568
`com.siemens.polarion.oslc.enumFieldsDataComplexMode.enabled`	When using Polarion with the Teamcenter integration, this property can be used to change mode of including all single- and multi-value enumeration attributes into the RDF (XML/JSON) representation of Work Items in OSLC API. * If *false,* simple mode is used. * If *true*, complex mode is used. **NOTE:** Set to use simple mode if you experience Teamcenter going into an infinite loop when user open the relation browser.	false
`com.siemens.polarion.oslc.secureVault`	Controls where to store OSLC Friend Server Configurations. It must be the absolute path to a vault folder. If the folder does not exist then it will be created. By default the property is not specified and the configuration file will be stored in the SVN repository to folder `.polarion/oslc`	null
`com.siemens.polarion.persistence.objectMaps.inMemory`	Enables administrators to toggle between "In Memory Object Maps" and the older "HDD" based memory settings. Polarion will consume additional memory proportionate to the size of the old object maps `/polarion-data/object-maps`.	false
`com.siemens.polarion.platform.threadKillingMode`	The desired kill mode for an execution thread monitoring request. *Possible values:* `killAll`: All long Read Only UI requests will be killed. `reportOnly`: Only requests related to Rich Pages or Wiki Pages (Read Only) will be killed. `disabled`: Only logs long running transactions and doesn't interrupt them (default value). Type:`String`	disabled

`com.siemens.polarion.platform.threadKillingTimeout`	The time after which a request can be potentially interrupted by *ExecutionThreadMonitoring*. Value is an integer representing milliseconds. **NOTE:** If the value equals or is less then zero, the default value will be used. **TIP:** Set this property with a time period less than then Apache timeout configured in the `polarion.conf` or `polarion-cluster.conf` files.	590000
`com.siemens.polarion.previewgenerator.displayNoExtensionImage` `s`	Controls whether Polarion should attempt to display existing images that have no file extension in rich text fields, LiveDocs, and Pages. Value is Boolean (*true* or *false)*.	false
`com.siemens.polarion.previewgenerator.external.app`	Defines the external application which will be executed for conversion of extensions defined in property `com.siemens.polarion.previewgenerator.external.extensions`. Value is a string. Example: `com.siemens.polarion.previewgenerator.external.app=C:/Program Files/Siemens/Teamcenter11.2/Visualization/VVCP/prepare.exe`	null
`com.siemens.polarion.previewgenerator.external.extensions`	Comma separated list of extensions which are supported by the external preview generator application defined property `com.siemens.polarion.previewgenerator.external.app`. Value is a string. Example: `com.siemens.polarion.previewgenerator.external.extensions=docx,doc,xlsx,xls,pdf,vsd,vsdx`	null

`com.siemens.polarion.previewgenerator.external.param`	Used to define one or more enumerated parameters for the external preview generator application specified in property `com.siemens.polarion.previewgenerator.external.app`. Parsed parameters are passed as arguments to that application.
	
	Usage:
	
	`com.siemens.polarion.previewgenerator.external.param#=value`
	
	...where # is a number starting from 1 (see example below). Value is a string.
	
	Example:
	
	`com.siemens.polarion.previewgenerator.external.param1=-png`
	
	`com.siemens.polarion.previewgenerator.external.param2=-overwrite`
		null

`com.siemens.polarion.previewgenerator.wmfemf.enabled`	Enables or disables an internal pseudo preview generator for `wmf` and `emf` files. Value is Boolean (*true* or *false*). If the preview generator application defined in property `com.siemens.polarion.previewgenerator.external.app` is capable of handling those file types, you can set this property to *false* to disable the pseudo preview generator.	true

`com.siemens.polarion.purevariants.propagationDeterminedByRestriction`	Value is Boolean (*true* or *false*). If set to *true*, then all Work Items with a restriction that are also connected via propagation links, will use the restriction as the propagation condition. However, this behavior also has one consequence: If a child Work Item in the Document structure is included in variant selection via propagation, then its parent Work Item from the Document structure will be included as well, even if its restriction does not allow it. This would normally trigger a validation error, but with this property set, it will be allowed and not reported to the user. Therefore, only enable this property during early adoption of the propagation and plan to disable it as soon as your data are in a consistent state. Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server.	false
`com.siemens.polarion.repository.git.timeout`	Timeout for poll action on external repository(ies). Value is an integer representing milliseconds. **NOTE:** Polarion polls external repositories in a clustered server environment. The timeout set in this property ensures that if something happens on the external repo side (e.g. while pulling changes from Git repository) and the socket is closed and the connection disconnected, Polarion does not keep attempting to poll it. When polling of a repository times out, an error is written to the log files and committed revisions are collected after next successful polling.	30000

`com.siemens.polarion.rt.configurationUpdateDelay`	Defines time interval used by the Resource Traceability (RT) server to check for configuration changes in Polarion. Value is an integer representing milliseconds.
	
	See also:
	`com.siemens.polarion.rt.writerNodeUrl`
	`com.siemens.polarion.rt.tokenLifeTime`
	`com.siemens.polarion.rt.startRtServer`
	`com.siemens.polarion.rt.sharedSecret`
	`com.siemens.polarion.rt.polarionUrl`
	`com.siemens.polarion.rt.db.jdbcUrl`
	`com.siemens.polarion.rt.db.password`
	`com.siemens.polarion.rt.db.username`
	`com.siemens.polarion.rt.dataCollectingEnabled`
		1800000

`com.siemens.polarion.rt.dataCollectingEnabled`	Defines whether the current Resource Traceability (RT) server should start as a writer or reader-node. Value is Boolean (*true* or *false*).
	
	If *true* then current node will be able to update RT-configurations in the database, and collect and parse links (which also will be stored in the database). Also, it will have all possibilities of reader-node.
	
	If *false* then current node will only be able to give away parsed RT-links by request. Other requests (e.g. to update something) will be ignored.
	
	See also:
	`com.siemens.polarion.rt.db.jdbcUrl`
	`com.siemens.polarion.rt.polarionUrl`
	`com.siemens.polarion.rt.db.password`
	`com.siemens.polarion.rt.db.username`
		true

com.siemens.polarion.rt.db.jdbcUrl	JDBC URL of the database that will be used to persist Resource Traceability (RT)server related information. Value is a string.
	
	See also:
	`com.siemens.polarion.rt.writerNodeUrl`
	`com.siemens.polarion.rt.tokenLifeTime`
	`com.siemens.polarion.rt.startRtServer`
	`com.siemens.polarion.rt.sharedSecret`
	`com.siemens.polarion.rt.polarionUrl`
	`com.siemens.polarion.rt.db.password`
	`com.siemens.polarion.rt.db.username`
	`com.siemens.polarion.rt.dataCollectingEnabled`
	`com.siemens.polarion.rt.configurationUpdateDelay`
		n/a

com.siemens.polarion.rt.db.password	Password credential to access database that is used to persist Resource Traceability (RT) server related information. Value is a string.
	
	See also:
	`com.siemens.polarion.rt.writerNodeUrl`
	`com.siemens.polarion.rt.tokenLifeTime`
	`com.siemens.polarion.rt.startRtServer`
	`com.siemens.polarion.rt.sharedSecret`
	`com.siemens.polarion.rt.polarionUrl`
	`com.siemens.polarion.rt.db.jdbcUrl`
	`com.siemens.polarion.rt.db.username`
	`com.siemens.polarion.rt.dataCollectingEnabled`
	`com.siemens.polarion.rt.configurationUpdateDelay`
		n/a

com.siemens.polarion.rt.db.username	User name credential to access the database used to persist Resource Traceability (RT) server related information. Value is a string.
	
	See also:
	`com.siemens.polarion.rt.writerNodeUrl`
	`com.siemens.polarion.rt.tokenLifeTime`
	`com.siemens.polarion.rt.startRtServer`
	`com.siemens.polarion.rt.sharedSecret`
	`com.siemens.polarion.rt.polarionUrl`
	`com.siemens.polarion.rt.db.jdbcUrl`
	`com.siemens.polarion.rt.db.password`
	`com.siemens.polarion.rt.dataCollectingEnabled`
	`com.siemens.polarion.rt.configurationUpdateDelay`
		n/a

| com.siemens.polarion.rt.polarionUrl | Stores the base URL of the Polarion server with which the Resource Traceability (RT) server (URL specified in property `com.siemens.polarion.rt.db.jdbcUrl`) is to communicate for resource trace operations. Value is a string.

 NOTE: The Polarion server adds in the authorization token its *baseUrl* as issuer, and the RT server, using this property, checks that the issuer is really the expected one. If RT runs in embedded mode (and this property is not set), then the `base.url` is also used on the RT side.

See also:
`com.siemens.polarion.rt.writerNodeUrl`
`com.siemens.polarion.rt.tokenLifeTime`
`com.siemens.polarion.rt.startRtServer`
`com.siemens.polarion.rt.sharedSecret`
`com.siemens.polarion.rt.db.jdbcUrl`
`com.siemens.polarion.rt.db.password`
`com.siemens.polarion.rt.db.username`
`com.siemens.polarion.rt.dataCollectingEnabled`
`com.siemens.polarion.rt.configurationUpdateDelay` | n/a |

| com.siemens.polarion.rt.sharedSecret | Sets the shared secret key for tokens between the Resource Traceability (RT) and Polarion servers. This shared key is used to sign json tokens sent from Polarion to RT server. Value is a string.

See also:
`com.siemens.polarion.rt.writerNodeUrl`
`com.siemens.polarion.rt.tokenLifeTime`
`com.siemens.polarion.rt.startRtServer`
`com.siemens.polarion.rt.polarionUrl`
`com.siemens.polarion.rt.db.jdbcUrl`
`com.siemens.polarion.rt.db.password`
`com.siemens.polarion.rt.db.username`
`com.siemens.polarion.rt.dataCollectingEnabled`
`com.siemens.polarion.rt.configurationUpdateDelay` | n/a |

`com.siemens.polarion.rt.startRtServer`	Defines whether to start the Resource Traceability (RT) web application automatically when Polarion server starts. Value is Boolean (*true* or *false*).
	
	* If *true* the RT web application will be deployed to Polarion Tomcat and started with Polarion.
	
	* If *false* RT web application won't be deployed to Polarion Tomcat.
	
	See also:
	`com.siemens.polarion.rt.writerNodeUrl`
	`com.siemens.polarion.rt.tokenLifeTime`
	`com.siemens.polarion.rt.sharedSecret`
	`com.siemens.polarion.rt.polarionUrl`
	`com.siemens.polarion.rt.db.jdbcUrl`
	`com.siemens.polarion.rt.db.password`
	`com.siemens.polarion.rt.db.username`
	`com.siemens.polarion.rt.dataCollectingEnabled`
	`com.siemens.polarion.rt.configurationUpdateDelay`
		true

`com.siemens.polarion.rt.tokenLifeTime`	Specifies the length of time that json tokens sent by Polarion to the Resource Traceability (RT) server remain valid. Value is an integer representing milliseconds.
	
	See also:
	`com.siemens.polarion.rt.writerNodeUrl`
	`com.siemens.polarion.rt.startRtServer`
	`com.siemens.polarion.rt.sharedSecret`
	`com.siemens.polarion.rt.polarionUrl`
	`com.siemens.polarion.rt.db.jdbcUrl`
	`com.siemens.polarion.rt.db.password`
	`com.siemens.polarion.rt.db.username`
	`com.siemens.polarion.rt.dataCollectingEnabled`
	`com.siemens.polarion.rt.configurationUpdateDelay`
		60000

| com.siemens.polarion.rt.writerNodeUrl | URL of the writer node that enables Polarion to determine which server to notify about configuration changes. Value is a string. If set, then Polarion will notify this node for collecting purposes (when configuration changes, for example). If not set ,then the URL specified in property `com.siemens.polarion.rt.url` is used. If the that property is also not set, then the value of the `baseUrl` property is used.

See also:
`com.siemens.polarion.rt.tokenLifeTime`
`com.siemens.polarion.rt.startRtServer`
`com.siemens.polarion.rt.sharedSecret`
`com.siemens.polarion.rt.polarionUrl`
`com.siemens.polarion.rt.db.jdbcUrl`
`com.siemens.polarion.rt.db.password`
`com.siemens.polarion.rt.db.username`
`com.siemens.polarion.rt.dataCollectingEnabled`
`com.siemens.polarion.rt.configurationUpdateDelay` | null |

| `com.siemens.polarion.security.appId` | ID of the security application for single sign-on (SSO) configuration. Value is a string.

For Kerberos and Tcss usage, use JAAS configuration file with the following syntax (this file is mandatory for Kerberos login)

See links below for detailed syntax and usage specification:

http://docs.oracle.com/javase/7/docs/technotes/guides/security/jaas/JAASRefGuide.html

http://docs.oracle.com/javase/7/docs/technotes/guides/security/jgss/tutorials/LoginConfigFile.html
<entry name> {
  <LoginModule> <flag> <LoginModule options>;
  <LoginModule> <flag> <LoginModule options>;
  ...
  };`<entry name>` is ID of application that is used for Polarion, default value is **Polarion**

 For complete information on SSO configuration, see the *Setup Single Sign-on* guide (PDF document available online in the Polarion support area). | Polarion |
| `com.siemens.polarion.security.auth.fallback` | Enables or disables login fallback. Login fallback is hard coded to the FORM authentication. Value is Boolean (*true* or *false*). Login fallback is enabled on following endpoint:
`/polarion/login/fallback`. | false |

`com.siemens.polarion.security.disableIFrameLogin`	Controls whether login inside inside an iFrame is allowed in the internal login dialog. Value is Boolean (*true* or *false*). If disallowed for security reasons then Polarion will show a link where end users can login in a new browser tab. The default value depends on the authentication method used in Polarion, as specified by property `com.siemens.polarion.security.auth.method`. If authentication method is *SAML* then the default value of this property is *true* - otherwise it is *false*.	false (but see description)
`com.siemens.polarion.security.executeCommandJob.enabled`	Value is Boolean (*true* or *false*). "execute.command" jobs can potentially execute harmful jobs. You can opt to disable the execution of "execute.command" jobs by setting this property to *false :* `com.siemens.polarion.security.executeCommandJob.e nabled=false` **NOTE:** Add the above line to the `polarion.properties` system configuration file if the property is not already present.	true
`com.siemens.polarion.security.executingBuilds.enabled`	Enables or disables execution of build scripts. Value is Boolean (*true* or *false*). When set to *false* builds will fail and an error message will be written to the logs. **NOTES:** * Build scripts have the potential to pose a security threat because they have read/write access to the host file system. * This setting does not affect calculations. To disable calculations, see `com.siemens.polarion.security.executingCalculatio ns.enabled`.	true

`com.siemens.polarion.security.executingCalculations.enabled`	Value is Boolean (*true* or *false*). Provides the option to disable the execution of calculation jobs if you have security concerns. See also: `com.siemens.polarion.security.executingBuilds.ena bled`	true
`com.siemens.polarion.security.saml.assertionConsumerServiceUr l`	Stores the assertion consumer service URL (ACS URL). Value is a string. Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the *Setup Single Sign-on* guide (PDF document available online in the Polarion support area).	<base.url>/polar ion/
`com.siemens.polarion.security.saml.certificatePath`	Specifies the path where Polarion will search for a certificate for SAML response validation. Value is a string. Polarion will search the specified directory for `*.crt` or `*.cer` files. The first certificate found is used for SAML authentication. Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	null
`com.siemens.polarion.security.saml.forceAuthn`	Controls whether or not the Identity Provider will force the user to re-authenticate even if user still has a valid session. Value is Boolean (*true* or *false*). Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	false

`com.siemens.polarion.security.saml.identityProviderMetadataUrl`	Value is a string that can be used to store the Identity Provider metadata location where Polarion will read login/logout endpoints and certificate, and other information to configure the application for SAML authentication. The location can be on a remote server on HTTPS protocol or a local file.
	
	Examples:
	`https://saml-server.yourdomain.com/FederationMetadata/2007-06/FederationMetadata.xml`
	
	`file:///C:/Polarion/configuration/metadata.xml`
	
	Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).
		null

`com.siemens.polarion.security.saml.issuer`	value is a string that can be used to store the URL of the Identity Provider (IdP) that will issue the SAML 2.0 security token with user authentication info.The default value is the base URL of `identityProvider`. Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	(see Description)
`com.siemens.polarion.security.saml.relyingPartyIdentifier`	value is a string that can be used to store the entity identification, or the issuer for SAML AuthnRequest. The default value is `<base.url>` without a trailing slash character (/) at the end. Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	(see Description)

`com.siemens.polarion.security.saml.sloServiceUrl`	Value is a string that can be used to store the URL to the Identity Provider's (IdP) Single Logout service. **NOTES:** * The logout response will be posted to this URL as the `SAMLRequest` parameter. * The configuration of Single Logout Service is optional and then nullable. Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	null
`com.siemens.polarion.security.saml.ssoServiceUrl`	Value is a string that can be used to store the URL to the Identity Provider's (IdP) `AuthnRequest` service. The `AuthnRequest` will be posted to this URL as a `SAMLRequest` parameter. Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	null

com.siemens.polarion.security.saml.userMapping.alternativeId	Value is a string optionally used to override the `NameID` attribute which is used by default as `userId` attribute. Specifying this property, you can select an attribute other than the `NameID` attribute. If the chosen attribute is empty, then an error message is shown. **NOTES:** Example values need to be in format: http://schemas.xmlsoap.org/ws/2005/05/identity/claims/nameidentifier or http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname etc.. For a short list of example possible values see: http://www.miicard.com/for/developers/ws-federation/supported-saml-claims Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	null

com.siemens.polarion.security.saml.userMapping.description	You can configure SAML to send more attributes than just the `Name ID`. In Polarion, the user attributes that can be automatically updated from the SAML response are Name, Email and Description. value of this property is a string that can be used to store the name of the SAML attribute used to fill Description.
	
	See also:
	
	`com.siemens.polarion.security.saml.userMapping.name`
	
	`com.siemens.polarion.security.saml.userMapping.email`
	
	Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).
		null

`com.siemens.polarion.security.saml.userMapping.email`	You can configure SAML to send more attributes than just the Name ID. In Polarion, the user attributes that can be automatically updated from the SAML response are Name, Email and Description. Value of this property is a string that can be used to store the name of the SAML attribute used to fill Email.
	
	 See also:
	
	`com.siemens.polarion.security.saml.userMapping.name`
	
	`com.siemens.polarion.security.saml.userMapping.description`
	
	 Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).
		http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress

`com.siemens.polarion.security.saml.userMapping.name`	You can configure SAML to send more attributes than just the Name ID. In Polarion, the user attributes that can be automatically updated from the SAML response are Name, Email and Description. Value of this property is a string that can be used to store the name of the SAML attribute used to fill Name.
	
	 See also:
	
	`com.siemens.polarion.security.saml.userMapping.email`
	
	`com.siemens.polarion.security.saml.userMapping.description`
	
	 Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).
		http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name

`com.siemens.polarion.security.skipAuthenticationForNotificationImages`	Value is Boolean (true or false). If *true*, then no authentication is required for images referenced from notifications that uses the *wi-attachment-auth* servlet.	false

`com.siemens.polarion.security.ssoHomePageUrl`	Value is a string that can be used to specify the URL of a "Home Page" on the Identity Provider (IdP) server where a user can navigate in case there is nothing to present on the Polarion side, like a logout page or landing page with some warning or error message coming from the IdP. The link should navigate a user to a page on the IdP side where he/she can contact the administrator or perform logout or do any SSO related tasks. Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	null
`com.siemens.polarion.security.tcsso.loginUrl`	Value is a string that can be used to store a URL that leads to the Teamcenter Security Service - Login Service.	null
`com.siemens.polarion.security.tcsso.serviceUrl`	Value is a string that can be used to store a URL that leads to the Teamcenter Security Service - Identity Service (a.k.a SSO Service).	null
`com.siemens.polarion.systemload.loggingTimeInterval`	Specifies the time interval for logging of system load average. Value is an integer representing milliseconds.	10000
`com.siemens.polarion.systemload.minimalValueToLog`	The threshold value is a double value. The threshold from which to start logging the system load average, the values refers to the load of a single CPU core. The system load average value of single core is (system load average / core number). The value provided from the system load average is not a percentage of the CPU usage. For example with a CPU usage of 88.3 the system load average could be 43. An useful article can be found at this link http://www.brendangregg.com/blog/2017-08-08/linux-load-averages.html	1

`com.siemens.polarion.ui.document.lazyLoad.enabledByDefault`	Controls the state of on-demand Work Item ("lazy") loading. Value is a positive integer. Lazy loading is enabled for LiveDoc documents when the count of contained Work Items is equal to or greater than the value of this property. **NOTE:** Used only when the on-demand Work Item loading feature ("lazy loading") is enabled for the system in property `com.polarion.ui.document.lazyLoad`.	200
`com.siemens.polarion.ui.internalLoginHeight`	Value is a positive integer that specifies the height in pixels of the internal login window - mainly needed in a Single Sign-on (SSO) environment. See also: `com.siemens.polarion.ui.internalLoginWidth` Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	390
`com.siemens.polarion.ui.internalLoginWidth`	Value is a positive integer that specifies the width in pixels of the internal login window - mainly needed in a Single Sign-on (SSO) environment. See also: `com.siemens.polarion.ui.internalLoginHeight` Pertains to configuring Polarion for Single Sign-on (SSO). For complete information see the Setup Single Sign-on guide (PDF document available online in the Polarion support area).	431
`com.siemens.polarion.ui.killPhantomJsProcesses`	Value is Boolean (*true* or *false*). When set to *true*, old `phantomjs` processes are killed before starting a new one. Then, each time you restart Polarion no duplicate `phantomjs` will be found in process list. **WARNING:** This property should be set to *false* if you run separate `phantomjs` processes on the same machine; otherwise these will also be killed.	true

`com.siemens.polarion.ui.matrix.hardLimit`	Value is a positive integer that specifies the hard limit of the number of cells in the comparison view when comparing Variants. **WARNING:** Setting too high a value might exhaust browser memory, consume excessive CPU and make the page unresponsive. See also: `com.siemens.polarion.ui.matrix.softLimit` Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server.	50000
`com.siemens.polarion.ui.matrix.softLimit`	Value is a positive integer that specifies the soft limit of the number of cells in the comparison view when comparing Variants. When the limit is reached, users are notified and given the option to continue or cancel. If the users opts to accept a number that equals or exceed the hard limit set in `com.siemens.polarion.ui.matrix.hardLimit`, that limit is enforced. Pertains to variant management using the Polarion VARIANTS add-on and the PureVariants server.	10000
`com.siemens.polarion.ui.maxReferencedWorkItemsForInsert`	Value is a positive integer that specifies the maximum number of referenced Work Items that can be inserted into a LiveDoc document in a single operation. It is *not* a limit on the total number of referenced items the document can contain.	5000

`com.siemens.polarion.ui.referencingDocuments.softLimit`	Value is a positive integer that specifies the maximum number of Documents that are loaded for a Work Item when asking for the Documents that reference it. * The Documents are displayed in the "Documents" section of the Work Item Properties sidebar of the Document Editor. * Also defines the number of Documents that are immediately loaded and displayed in the "Open in Document" drop-down menu of a Work Item page. (If the total number of Documents exceeds this number, then they will only be loaded when a user clicks on the drop-down menu.) **NOTE:** Increasing the value of this property might slow down the opening of Documents or Work Item pages.	20
`com.siemens.polarion.ui.testExecution.testRunSearchLimit`	Value is an integer that specifies the maximum number of Test Runs that are checked for the purpose of creating a list of usable Test Runs in the Execute Test extension of a Test Case. A value of `-1` means no limit. **NOTE:** Performance can be improved by limiting the number of persisted Test Runs if there are many unfinished ones.	100
`com.siemens.polarion.userMap.cleaningInterval`	Value is a positive integer that specifies the time interval (in milliseconds) after which the coordinator in a multi-server configuration clears the user map to free slots and prevent logging that the license has a shortage of user slots. For information in multi-server and clustered setups, see the Enterprise Setup guide (PDF document available online in the Polarion support area).	60000

`createproject.default.location`	Value is a string that can be used to specify a custom default repository location for a new project in the New Project wizard. If not defined, the hard coded default location is used. **NOTE:** When this property is specified *and* the property *createproject.default.useUserId* is enabled (`createproject.default.useUserId=true`), then the New Project wizard is pre-filled with value of `createproject.default.location + userId` and the project ID is pre-filled with `userId` (i.e. the ID of the current user).	none
`createproject.default.useUserId`	Value is Boolean (*true* or *false*). When set to *true*, the New Project wizard is pre-filled with value set in property `createproject.default.location + userId` and the project ID is pre-filled with `userId` (i.e. the ID of the current user).	false
`createproject.limitedAccessMessage`	Value is of string type that can be used to store HTML to be displayed in the Create New Project wizard when the user doesn't have the global administrator role but does have permission to create a new project.	none
`curator-dont-log-connection-problems`	In a multi-server/clustered setup, tells Curator if it should log some connection problems. Value is Boolean (*true* or *false*). If set to *true* it will not log them. For information in multi-server and clustered setups, see the Enterprise Setup guide (PDF document available online in the Polarion support area).	true
`default.project.template`	Value is a string that defines which project template is selected by default in the *Create New Project* wizard. Project template names can be found in Global Administration > Project Templates.	none
`disableLicenseAssignmentInLDAPSynchronize`	Enables or disables assigning of the "default (configured)" licence to new users during LDAP synchronization. Value is Boolean (*true* or *false*).	false

`headingsObeyDeletePermission`	Controls deleting of Work Items of type *heading*. Value is Boolean (*true* or *false*). If *false*, then Work Items of type *heading* can be deleted by users who do not have the permission to delete Work Items - i.e. the WorkItem.DELETE permission.	false
`hideErrorDialogs`	Never show any error dialog icon in the Polarion UI. Value is Boolean (*true* or *false*).	false
`lazyAllowedValuesLoadLimit`	Value is a positive integer that controls how many list items are loaded into combo boxes by default. When the full list of items exceeds the specified number, additional items are loaded only on demand as the user scrolls. Optimizes the handling of the list by using "lazy" (i.e. on-demand) loading" of list items when a list is extensive. **NOTE:** Setting too large a value can degrade performance, as users are then forced to wait for many items to load. On systems with many active users, the cumulative effect can be significant.	10
`loadAllLimit`	Value is a positive integer that specified a limit on the number of items in the Table view of Work Items that can be loaded by the *Load more* button. If the total number of items found is less than the limit specified in this property, then the button label changes to *Load all*.	3000
`log.ssoentries.on.sessionevent`	Value is Boolean (*true* or *false*). If *true*, then the system logs additional information about user sessions in Polarion's internal Single Sign-On support. This can help administrators to analyze issues preventing users from being logged out.	false

login.companylogo	Enables an administrator to add a custom logo image to the Polarion login page. Value is a string that can specify the relative or absolute URL of the logo image. If a multi-instance system configuration is used: * Entry page uses `login.companylogo` that shows next to the Polarion logo * Login screen of individual instances shows `com.polarion.logoURL` * The UI displays `com.polarion.logoURL` in Navigation panel If multi-instance system configuration is not used: * There is no entry page * Login page shows `login.companylogo` that shows next to the Polarion logo * The UI displays `com.polarion.logoURL` in Navigation panel	null
luceneFSyncOnCommit	Value is Boolean (*true* or *false*). If set to *true*, Lucene does *fsync* during commit to index, forcing the OS to flush the written files to the physical storage, which is normal Lucene behavior. To optimize overall system performance, Polarion development has patched Lucene not to do this by default, and implemented this property to restore default Lucene behavior in case any customer prefers it.	false
luceneMaxClauseCount	Defines how many `AND`/`OR` components that a Lucene query can have. This includes simple range queries that are expanded internally to this form by Lucene. Value is a positive integer. **NOTE:** Polarion itself requires queries with many `OR` components if there are many links (thousands) to a single Work Item.	20000

`luceneMaxFieldLength`	Defines the maximum number of terms that will be indexed for a single field in a LiveDoc Document. Value is a positive or negative integer (see note below re: negative value). Words that appear too far from the beginning of a field (like "Description" in a Work Item), will not be searchable. A unique example is an artificial field that contains words that are searched for via a full-text search. This property's value should be set higher if the following error is logged: `"Lucene: maxFieldLength 50000 reached, ignoring following tokens"`. **NOTE**: Setting it to a negative value (`-1`) will remove a limit but according to Lucene's documentation an "`OutOfMemory`" error may still occur. **ATTENTION**: If the value of this property is increased due to errors in the Polarion log, an index must be refreshed to fix the index entries of truncated fields.	50000
`luceneRAMBufferSizeMB`	Controls the amount of RAM that may be used for buffering added documents and deletions before they are flushed to the Directory. Value is a positive integer representing megabytes. More detailed information is available in the Apache Lucene javadoc: http://lucene.apache.org/core/4_7_0/core/org/apache/lucene/index/IndexWriterConfig.html#setRAMBufferSizeMB(double)	128
`maxAttachmentSize`	Controls the maximum size of any attachment in Polarion. Value is a positive integer representing bytes. If an attached file is larger than the specified limit, the upload is stopped. Applies to Work Item attachments, Wiki attachments, Document attachments and imported Documents.	200000000

`polarion.link.merged.revisions`	Value is Boolean (*true* or *false*). If *true*, this property causes merged revisions to also be linked to the proper Work Items. **NOTE:** Duration of reindexing is significantly prolonged if this property is *true*.	false
`prioritizationModeField`	Value is a string that can be used to contain the ID of a custom field to be used as the "priority" field for prioritization or re-scaling operations using the Easy Prioritization feature of Plans. If valus is null, the default *Priority* field of Work Items is used. If a custom field is desired for prioritizing Work Items in Plans, you can add this property to the `polarion.properties` file and specify the field ID in its value. Example: `prioritizationModeField=my_plan_priority_field` **NOTE:** The custom field should already exist in the configuration, and its type must be *float*. For more information on the feature, see online Help topic *Plan and prioritize Work Items*.	null
`prioritizationModeIncrement`	Value is a positive integer that specifies the amount by which the configured Priority field is incremented or decremented during prioritization or re-scaling operations using the Easy Prioritization feature for Plans. The specified value is applied when moving an item to top position in the tracker table when using Easy Prioritization. For more information on the feature, see online Help topic *Plan and prioritize Work Items*.	10

repoSystem	Value is a string that can optionally be used to provide an alternative repository URL to be used for read-only access by the system user. If this property is not set (i.e. is not present, or is commented out in the `polarion.properties` file, or it value is null), the system user uses the normal access URL as set in the `repo` property. Examples:repoSystem=file:///C:/Polarion/data/svn/repo repoSystem=svn://localhost/C:/Polarion/data/svn/repo	null
rolesForNewUserAccount	Specifies the global roles that will be assigned to new users that were created, either by the New Account form, or by using the LDAP synchronization feature. The value is a string that can contain a comma-separated list of global role IDs. **WARNING:** The 'user' role must be present in the list, or users will not be able to log in.	user
search.wordBoundaries	Defines how word boundaries are defined for indexing. Value is string type. Two values are supported: * `splitByPattern` - the input is split to words using a regex pattern * `standard` - the word boundaries are defined according to the Unicode standard. **NOTE:** Always use *standard* for Asian languages.	splitByPattern
search.wordBoundaries.splitByPattern	Defines the pattern to be used when using `search.wordBoundaries=splitByPattern`. It is used with:java.lang.String.split(String)Value is string type. The default value ensures that the text is split by white space. Leading and trailing non-alphanumeric characters are trimmed. Example: `"Hello! DPP-1234 _help_."` is split to 3 words - "Hello", "DPP-1234", and "help".	\s+

secure.approvals	Enable or disable secure approvals of Work Items. Value is Boolean (*true* or *false*). To enable the secure approvals feature, add or uncomment this line in the `polarion.properties` file: **secure.approvals=true**	false
secure.approvals.comment	Value is a string that can be used to specify the message displayed to end users after an item is securely signed. Value is used as the text of a new comment created when a user enters a password to confirm a secure approval. Example: `secure.approvals.comment=The current item has been securely e-signed` **NOTE:** The default value is an internal reference to a system process that renders a default text: `Item was e-signed.`	null

secure.approvals.comment.onBehalfOf	Displays the state of the approval. Value is a string, similar to `secure.approvals.comment`, except it supports one user confirming secure approval on behalf of another user. Supports the following variables: `$img`, `$verdict`, `$user`, `$otheruser`: * `$img` (inserts an approval verdict image) * `$verdict` (inserts the approval verdict) * `$user` (expands to the name of the currently logged-in user), * `$otheruser` (expands to the name of the user on whose behalf `$user` is approving) **Variable `$img` should not be changed, as it will be evaluated when approval state is set.** Example: `secure.approvals.comment.onBehalfOf=Current approval verdict: $img $verdict (by $user on behalf of $otheruser)` **NOTE:** The default value is an internal reference to a system process that renders a default text: `Approval verdict: $img $verdict (on behalf of $otheruser)`	null

`secure.approvals.comment.text`	Displays the state of the approval. Value is a string, that displays the state of the approval. Supports the following variables: `$img`, `$verdict`, `$user`: * `$img` (inserts an approval verdict image) * `$verdict` (inserts the approval verdict) * `$user` (expands to the name of the currently logged-in user) **Variable `$img` should not be changed, as it will be evaluated when approval state is set.** Example: `secure.approvals.comment.text=Current approval verdict from $user is: $img $verdict` **NOTE:** The default value is an internal reference to a system process that renders a default text: `Approval verdict: $img $verdict`	null
`showJobCancelButton`	Value is Boolean (*true* or *false*). When set to *true*, this property enables the *Cancel* button in the *Monitor* topic of Navigation, which allows users to invoke cancellation of a running job. **NOTE:** Not all jobs can be cancelled. The button has no effect in such cases.	false
`skip.data.preloading`	Enables or disables the preloading of data - i.e. the loading of various configurations and objects to cache after the Polarion server has started. Value is Boolean (*true* or *false*).	false
`support.license.email`	value is a string that contains the actual email address to contact to get support for license activation.	license@polarion.com
`testManagement.execution.recentRecordsLimit`	Value is a positive integer (or zero). A positive number specifies the number of Test Records that are checked for the *Recent* button. Value of zero (0) causes that button to be hidden. Applies to the current project context or globally as the default.	10
`testManagement.useOldExecutionView`	Enable this property to use the legacy execution extension with Test Cases instead of the revamped execution view introduced in Polarion 18. Applies to the current project context or globally as the default.	false

`TomcatService.ajp13-port`	Value is a positive integer that specified the port number for the Tomcat AJP/1.3 connector.	8889
`TomcatService.port`	Value is a positive integer that specifies the Tomcat port for connector. See https://tomcat.apache.org/tomcat-8.5-doc/config/http.html The default value is `8889` and it is used as AJP connector. If there is need to use a different port, as in the case of HTTP connector, the value can be set to `80` after which Polarion will be directly accessible by Tomcat on http.	8889
`TomcatService.protocol`	Value is a string that specifies the Tomcat protocol for connector. See https://tomcat.apache.org/tomcat-8.5-doc/config/http.html The default value is `AJP`. The AJP connector can be plugged to Apache or it can be `HTTP` and Tomcat will expose Polarion directly on the http protocol.	AJP
`wikiProtocolSchema`	Value is a string that can contain a protocol designation to overwrites the http server protocol in the wiki component. Use it for problems with reverse proxy, etc. By default schema is taken from the server URL. Example of possible value: `https`	N/A
`wordImport.ignore.CLASS`	Controls whether run content of a given type is reported using the "sorry bear" image during import from Microsoft Word. The CLASS is the short name of the class of the object from the *docx4j* library, e.g. `R.DayLong`. By default some not-imported content of the run is replaced by a "sorry bear" image. If this is inconvenient in some cases, you can look at the tool tip of the "sorry bear" image to find the class name in the case. For example: *Unsupported content: R.DayLong.* You can then add the property `wordImport.ignore.R.DayLong=true` to the `plarion.properties` file. Value is Boolean (*true* or *false*).	false