

TeamCity 10.0.3 (build 42434) Release Notes

See also:

[TeamCity 10.0.2 \(build 42234\) Release Notes](#)

[TeamCity 10.0.1 \(build 42078\) Release Notes](#)

[TeamCity 10.0 Release Notes](#)

[Fixed issues in tracker](#)

Feature

- [TW-44285](#) - Server health report: report broken dependencies on deleted build configurations
- [TW-46342](#) - Allow to filter personal builds out on statistics charts
- [TW-46395](#) - REST: Allow to submit inherited password type parameter without value (ignoring the request)
- [TW-46505](#) - Publish Dockerfile corresponding to official TeamCity Docker images
- [TW-46797](#) - Support retrieving via REST all artifact dependencies for the build
- [TW-47073](#) - Patch thread name when performing commit status publisher request
- [TW-47211](#) - NUnit runner should check for NUnit extensions
- [TW-47324](#) - Ability to disable background VCS operations to use on a test server which does not need VCS activity
- [TW-47398](#) - Add support for testOnReturn, testWhileIdle and timeBetweenEvictionRunsMillis database properties
- [TW-47445](#) - Support autodetect of installed Visual Studio "15" on build agent
- [TW-47498](#) - Support 'Build Artifacts' tasks specified in 'Before launch' list of IDEA run configurations
- [TW-47557](#) - Update dotCover to version 2016.2.2 Build 106.0.20160913.94258

Usability Problem

- [TW-20471](#) - VCS root authentication can be not used for some URL protocols
- [TW-33570](#) - Correct notification message about build agent incompatibility with Powershell 3.0 and 4.0
- [TW-39668](#) - Middle click on chart point should open build in new page
- [TW-42427](#) - URLs in build problem are not clickable
- [TW-42572](#) - progressStart build log text has useless expand/collapse button
- [TW-44957](#) - Non-informative details on build results for build failure on specific text (AKA build failure on message) condition
- [TW-46534](#) - Provide details in "Cannot start SSH agent" message in the build log
- [TW-46736](#) - Chart is reloaded too often when it's needed to switch several agents on agent filter
- [TW-47007](#) - Wrong checkbox label "Wait for current build to finish": click on it does not flip the checkbox
- [TW-47070](#) - Commit status publisher can report SUCCESS status when build is not finished yet
- [TW-47160](#) - Better formatting for multiline strings in generated Kotlin script files
- [TW-47173](#) - Unable to move template from root project
- [TW-47195](#) - Tooltip on relative date shows... relative date
- [TW-47207](#) - "maxModId null" in build log isn't clear for a user
- [TW-47216](#) - Provide notification to System Administrator on creating user without password.
- [TW-47452](#) - Verification email is sent to the previous mail address if profile is not saved.
- [TW-47516](#) - Add a scrollbar for the Remove Tool popup

Bug

- [TW-10454](#) - Inspections results browsing: cannot use scope if filtered by errors
- [TW-14239](#) - Cannot restore configs from backup if system directory is not empty
- [TW-18373](#) - Renaming a build configuration into a name with dots reports error, but renames it in UI
- [TW-23149](#) - Own build status text can be appended at the end of the status line, not before it
- [TW-23601](#) - Meaningless warning on server startup
- [TW-23612](#) - Cleanup can remove all non-cancelled builds from the history if the last build is cancelled
- [TW-24472](#) - VCS problem can stay for a build configuration if correct VCS root is attached by XML files change on disk
- [TW-35915](#) - "Server is unavailable since..." modal message doesn't disappear after server restart (401 status returned): Hub plugin case
- [TW-39375](#) - Empty block messages in the build log: with expand icon which expands nothing
- [TW-39506](#) - "Some users cannot use optimized web UI updates via WebSocket protocol" can be displayed without proxy in use
- [TW-42181](#) - Cannot append to PATH environment variable when it already contains %-reference
- [TW-42582](#) - Persist email verification tokens (verification links become invalid on server restart)
- [TW-42753](#) - "Not verified" is displayed for invalid email on user profile when seen by admin user
- [TW-43524](#) - Truncate build problem message
- [TW-43650](#) - Do not repeat ajax page refresh request if previous one has not completed yet (running build details case)

- and more)
- TW-43859 - Human readable error for Git LOCK_FAILURE
- TW-44082 - Powershell Build Runner: Incorrectly Writes Script ps1 File
- TW-44261 - %text% in environment variable value is treated as TeamCity reference, while it should not
- TW-44294 - Builds with NuGet Installer steps fail when using NuGet version 3.3.0
- TW-44438 - NuGet Feed Credentials doesn't work with NuGet 3.3.0
- TW-44684 - NuGet 3.3 package restore fails on custom feed with basic authentication
- TW-44905 - NuGet 2.8.5 requires .NET 4.0 to run but TeamCity says .NET 4.5 is required.
- TW-44974 - Build moves checkout directory to .old instead of deleting it at the beginning of a build with clean checkout (free disk space logic does not clean .old in the case)
- TW-45438 - NuGet Installer with NuGet 2.8.6+ incorrectly requires .NET 4.0
- TW-45491 - Repeating changes collecting when the same parameterized VCS root is used in build configuration and in its project settings
- TW-45540 - Perforce Feature Branches do not support virtual streams
- TW-45668 - Make it clear that notification rules work only for default branch by default
- TW-45752 - Agent can connect to the server using bidirectional protocol if the server goes up when the agent is starting
- TW-45893 - Changes can rarely be not detected in Git VCS root (quite rare, not updated RepositoryState.getCreateTimestamp case)
- TW-46084 - Clean trace and thread dump files in background
- TW-46133 - CPU Usage and Memory charts are corrupted when the collapsed CPU&Memory usage section is expanded.
- TW-46254 - Git testConnection() does not work for VcsRoot, only for VcsRootInstance
- TW-46266 - Checkout on agent uses "Custom clone directory on server" parameter as working directory for git init --bare
- TW-46315 - It's possible to save git VCS root without default branch and branch spec
- TW-46521 - Build status text can list same problems in different order
- TW-46689 - PowerShell 5.1 Not detected properly on Agent
- TW-46729 - Azure Cloud Agents - Agent Name Incorrect
- TW-46772 - Agent upgrade does not handle redirects
- TW-46812 - 'Create build configuration from this template' action works in read-only projects
- TW-46827 - Broken dependencies hard to spot in web UI
- TW-46847 - Clicking the dots on the test duration graph links to the wrong build
- TW-46877 - Build hangs at mstest/msbuild steps
- TW-46889 - MSpec requires DotNetFramework4.0.*
- TW-46904 - Commit status publisher admin UI and health reports fail to find VCS root if it is referred to by internal id in the build feature params
- TW-46989 - Teamcity 10 using EBS optimized instances by default for spot instances
- TW-46992 - Wrong "N cloud agents are starting" note for a cloud image on compatible agents
- TW-46997 - Number of test differs in summary and list of test view
- TW-47001 - Breadcrumb popup does not respect the order of the sub-projects
- TW-47003 - Intermittent "Channel is not opened" over SSH
- TW-47010 - Trigger error "More than one Maven embedder session per thread not allowed"
- TW-47011 - Server logs: WARN - .MavenRunnerDiscoveryExtension - Unexpected: no MavenVersions to choose
- TW-47027 - TeamCity agent is been created with VCS clientview with incorrect data (invalid client mapping is generated)
- TW-47032 - 'Install NuGet Packages' framework dependencies incorrect
- TW-47036 - Perforce Feature Branches Streams Support - many streams case
- TW-47046 - "Failed to send jabber notification: javax.net.ssl.SSLHandshakeException" after upgrade to 10.0.2 from 10.0.1
- TW-47067 - Builds hangs at starting JetBrains.BuildServer.MsBuildBootstrap.exe
- TW-47071 - No connection timeout on sending HTTP request in commit status publisher
- TW-47072 - Make sure slow HTTP responses for commit status publisher requests cannot slow down TeamCity build
- TW-47075 - TeamCity build agent failed to detect Mono 4.2.3 installed on Windows machine
- TW-47088 - Cannot PUT build configuration settings node via REST: Setting 'buildNumberCounter' is always present and cannot be deleted
- TW-47094 - Build configuration UI doesn't refresh build info if it is finished after server restart
- TW-47101 - Two-nodes deployment: error while stopping agent using 'stop force' command
- TW-47103 - Inappropriate "Exception occurred while scanning disk usage" on server shutdown
- TW-47105 - Many HTTP /ajax.html?getServerVersion=true threads in HubStatusProviderImpl.doGetHubStatus
- TW-47107 - No server version in the thread dumps ("TeamCity is starting..." instead)
- TW-47114 - Consider currently running and previously finished builds when calculating the idle timeout for disconnected agents
- TW-47118 - Git VCS root with empty password
- TW-47132 - Can't restore configs from a backup if "charset" ZIP entry is missing
- TW-47134 - TeamCity is not compatible with nuget 3.5+
- TW-47137 - NPE on artifacts tab in case when build does not have artifacts at all
- TW-47140 - Cannot use TeamCity with mounted Amazon EFS file system: queue is paused with "Insufficient disk space" reason
- TW-47144 - Clicking the dot on test duration graph can result in multiple new tabs
- TW-47147 - TeamCity can incorrectly record test runs occasionally (incorrect test number, incorrectly nested tests) because of losing messages from agent
- TW-47151 - REST: Inconsistent creating of a new build configuration with password parameters using REST response
- TW-47170 - Invalid XHTML (not closed tags) in threadStat

- TW-47177 - ORA-00904 invalid identifier error during upgrade to 10.0
- TW-47182 - NuGet feed returns HTTP 400 instead of HTTP 404 when package not found
- TW-47189 - Installing NuGet package fails with Visual Studio 2015
- TW-47193 - Status Widget: impossible to retrieving the status of builds.
- TW-47200 - kotlin mstest step requires vstest
- TW-47202 - Custom run dialog title is not refreshed
- TW-47214 - Properly handle inability to add task to executor in artifact upload controller
- TW-47215 - TypeError when clicking on a bar on build configuration Success chart
- TW-47217 - Missing build info popup when hovering over a dot on a statistics chart in IE/Safari
- TW-47220 - Update AWS SDK to 1.11.39
- TW-47222 - Publishing artifacts randomly failing with " Failed to send null: file size on disk changed. Make sure no process updates files during upload."
- TW-47228 - Agent log for changed system.teamcity.build.checkoutDir.expireHours Parameter not correct.
- TW-47230 - Lots of "Responding with 404 error: Artifact does not exist: '.teamcity/external_artifacts_list.json' " logging in the server log
- TW-47237 - Z-index issue - hidden dropout in modal 'Run' dialog
- TW-47239 - Empty sibling configurations in breadcrumbs popup in leaf project
- TW-47241 - To add a 'Generate Kotlin' action without committing it to VCS
- TW-47256 - "Why we suggest this?" popup cannot be resized in Internet Explorer
- TW-47257 - Incorrect VCS root details are logged if branch is defined as parameter in dependent build
- TW-47294 - Unexpected error in the UI after TeamCity upgrade.
- TW-47320 - maintainDB.sh doesn't work if TeamCity installation path contains spaces
- TW-47327 - Artifact paths text box converts all whitespace into a single space in Firefox
- TW-47334 - Custom tab of type ViewBuildTab that returns false for ViewBuildTab#isAvailable() still occupies empty space in the build shortcuts menu
- TW-47373 - Server waits for 2.5 minutes if it cannot start Remote Maven server
- TW-47385 - SSLProtocolException prevents checking for VCS changes even with jsse.enableSNIExtension=false
- TW-47387 - Projects import: DATA_TRUNCATION - jetbrains.buildServer.serverSide.db.DBDuplicatedRowException: SQL error when doing: Importing table vcs_username
- TW-47388 - Warns in the server log on missing build log on disk
- TW-47389 - WARN with stacktrace in the server log on server shutdown: VcsRootVcsException: Changes collecting was interrupted
- TW-47390 - IllegalArgumentException warn during update to 10.0.2
- TW-47395 - Unclear stage right after starting projects import: button disabled, progress not shown
- TW-47401 - Azure Agents Do Not Come Online
- TW-47404 - Auto-discovered path to gradle wrapper script is persistent
- TW-47405 - TFS in .net working mode does not recognize VS'15 installation directory
- TW-47406 - Create Build Configuration From Bitbucket Cloud -> Can't select a Bitbucket Repo
- TW-47420 - Disconnected build agents can be incorrectly cleaned when inactivity period is customized using internal property.
- TW-47435 - Nuget Feed: NotFoundException
- TW-47457 - GitHubWebHookListener INFO logging appears in server log
- TW-47458 - Strange "Reading imported project into the model" at the end of the projects import
- TW-47460 - Improve "No stored auth data (secret key) found for public key" github webhook integration log message
- TW-47461 - Verbose logging in CommitHooks.Util: "found at least one VCS root instance with OAuth connection in fast mode"
- TW-47469 - UserPropertyInfo broken for Notifiers
- TW-47475 - Do not show stacktrace for the disabled clean checkout in the build log
- TW-47482 - Messages "Critical error in configuration file" can appear out of order
- TW-47484 - CacheableExpiringValue.getValue must not return null
- TW-47487 - "Cannot create files under the artifacts directory path" after fixing artifact directory access
- TW-47488 - Many configsNNNtmp temp directories in the system temp
- TW-47489 - Hide "Edit" link for a broken snapshot dependency
- TW-47493 - Unclear error publishing commit status to GitHub: unknown protocol: git
- TW-47508 - Incorrect location of parameters auto-completion icon on Maven build step
- TW-47511 - Cannot create snapshot-dependencies on fresh TeamCity using REST API
- TW-47513 - NuGet Install build step fails on agent with .net framework 4.0
- TW-47518 - Precedence of clashing dep. parameter references has changed in 10.0.2
- TW-47523 - "Comparison method violates its general contract!" from BuildTypeOrderedBuildsImpl.loadBuilds
- TW-47528 - "Cannot parse settings for build promotion" in the server log for optimized builds
- TW-47529 - Extensive "Skip processing failure checks for build" logging
- TW-47531 - Threads finishing builds can hang on WeakHashMap.get
- TW-47536 - Build process fails to send messages to the agent (hanging process or empty output)
- TW-47537 - Low priority executor queue can fill: all related threads in disk usage locks
- TW-47546 - To add a typed DSL for Swabra
- TW-47551 - "VCS problem" can be shown for a build configuration for a VCS root which is no longer attached
- TW-47553 - TFS agent checkout doesn't recreate a workspace for changed checkout rules when used custom checkout directory
- TW-47574 - Build agent throws startup error on Java update versions greater than 128
- TW-47575 - add new aws region to Region dropdown
- TW-47590 - Autodetected Maven step might use %env.JDK_10% as JDK home path
- TW-47595 - Unexpected "Destination collision while resolving artifacts"

- [TW-47615](#) - Unclear "is not a valid Zip Archive" on uploading a zip archive as a tool
- [TW-47622](#) - Cleanup can replace valid build artifacts with clashing ones with "Fixed location of build artifacts directory" (after restore from backup)
- [TW-47640](#) - Agent-side checkout in git repository with LFS runs credentials manager
- [TW-47652](#) - TeamCity doesn't detect JRE 9 on an agent
- [TW-47657](#) - Finished build changes parameters on VCS root extId change/root remove
- [TW-47665](#) - Swabra does not report any errors on attempt to start handle.exe of 0 size
- [TW-47676](#) - Show a stacktrace for "Renaming old build log and artifacts" only if DEBUG is enabled

Exception

- [TW-46973](#) - Cannot remote debug on TeamCity agent from IDEA: Showing dialogs from popup onChosen can result in focus issues.

Performance Problem

- [TW-25084](#) - Copying projects can be slow (muted tests)
- [TW-40721](#) - Backup/Restore: Reimplement the check whether restore into the specified directory is possible
- [TW-43387](#) - Improve performance of projects popup
- [TW-43898](#) - BackgroundBuildDataCleaner is slow cleaning data for > 200K builds
- [TW-46585](#) - teamcity 10.0 slow start: large test_info table (on old versions of MySQL)
- [TW-46941](#) - Don't check tfs services when creating project from github/bitbucket urls
- [TW-47122](#) - Many builds stuck in "Collecting changes" for several hours
- [TW-47260](#) - Slow server startup in case of many thousands of build configurations (20000 and more)
- [TW-47292](#) - High CPU usage on My Changes page when a lot of changes is detected in a build configuration
- [TW-47346](#) - High memory usage on startup in case of large test_names table
- [TW-47356](#) - High CPU usage on build revision calculation with teamcity.buildRevisions.detectUnknownCommitMerge=true build parameter
- [TW-47391](#) - TeamCity startup time can be large if there are many rows in vcs_root_instance table
- [TW-47407](#) - UpdateInstancesTask.run does a lot of redundant work
- [TW-47456](#) - Slow computation of changes from dependencies due to duplicate modifications check

Security Problem

- [TW-46282](#) - "Failed to apply versioned settings changes" error shown to all users on the server can expose details of not visible projects
- [TW-46486](#) - Use https for sending TeamCity anonymous usage statistics and update checks
- [TW-47581](#) - Possible XSS on build results page
- [TW-47605](#) - Possible JavaScript injection on agent pools page
- [TW-47614](#) - Possible JavaScript injection on build parameters page
- [TW-47630](#) - JavaScript injection via meta-runner
- [TW-47646](#) - Possible javascript injection on 'Builds Schedule' page
- [TW-47678](#) - Possible javascript injection on Agents Statistics and Matrix pages

Cosmetics

- [TW-29275](#) - Mark "Artifacts rules" filed in New Artifact Dependency dialog as mandatory
- [TW-45046](#) - Fix spacing near fixed by/muted in section on Test History page
- [TW-45194](#) - "Login" used as verb instead of "Log in"
- [TW-47081](#) - "Triggered by" can be too long
- [TW-47096](#) - Confusing message in teamcity-server.log for disk usage change: "decreased for"
- [TW-47123](#) - Remove useless notes from Upsource status publisher connection
- [TW-47271](#) - Incorrect links to documentation in TFS Issue Tracker connection settings
- [TW-47275](#) - Clean-up rules dialog header needs to be aligned for the long project names
- [TW-47374](#) - Collapse/expand buttons are too close to the page header
- [TW-47512](#) - Disconnected agents no longer highlighted on Agent requirements page
- [TW-47579](#) - Changes page can be corrupted as there are no line brakes in build configurations since version 10.0