

HCL DevOps Code ClearCase  
Version 11.0.0

## *Product Release Notes*





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## Release notes for HCL DevOps Code ClearCase

These release notes contain the information that you need to get started with HCL DevOps Code ClearCase 11.0.0.

### Products

- HCL DevOps Code ClearCase.

### What's new

The following items are what's new for HCL DevOps Code ClearCase 11.0.0.

#### **Rebranding ClearCase to DevOps Code ClearCase**

The HCL VersionVault product is rebranded to HCL DevOps Code ClearCase. ClearCase retains all the existing features from earlier releases and includes new features mentioned below.

**Note:** In addition to the traditional version of 11.0.0, ClearCase introduces a new marketing version that specifies <year.month>.

#### **Installation**

ClearCase 11.0.0 requires an uninstall and reinstall of the product due to the product rename. For more information, see the [HCL DevOps Code ClearCase 11 Migration Guide](#) and [HCL DevOps Code ClearCase 11 Update Guide](#).

#### **z/OS Extension**

64-bit ClearCase Extension on z/OS (also known as Connectors) is available. The z/OS Extension enables mainframe users to submit Remote Builds on z/OS from ClearCase and to use the TSO client to access a ClearCase repository.

#### **Cadence integration**

HCL DevOps Code ClearCase 11.0.0 integration with Cadence Virtuoso IC23.1 is supported on RHEL 8.

#### **Jenkins integration with ClearCase**

The Jenkins integration with ClearCase helps to automate software development workflows by enabling support to run CI/CD pipelines on ClearCase UCM streams. New for ClearCase 11.0.0 is Phase 2, which provides support for pipeline jobs for Dynamic and Web views, and Multi branch pipeline integration for all view types.

### Licensing

Only ClearCase licensing, also known as Atria licensing, is available for HCL DevOps Code ClearCase. A new license is required to use HCL DevOps Code ClearCase. However, the HCL DevOps Code ClearCase license server can be configured to allow your existing HCL Atria licenses to be used with HCL DevOps Code ClearCase. See the [HCL DevOps Code ClearCase 11 Update Guide](#) on how to continue to use your existing HCL Atria licenses with HCL DevOps Code ClearCase.

For DevOps Code ClearCase 11.0.0, a new option is added to the Licensing panel in Installation Manager that will ask you for your license provider. Select HCL. Based on this, the behavior of your product will be customized for HCL DevOps Code ClearCase.

For DevOps Code ClearCase Remote Client 11.0.0, a new Licensing panel is added to Installation Manager. The new licensing panel will ask you for your license provider. Select HCL. Based on this, the behavior of your product will be customized for HCL DevOps Code ClearCase Remote Client.

### ClearCase Doctor

The ClearCase Doctor application on the Windows platform is retained.

### PSIRTs

Three security vulnerabilities for International Components for Unicode (ICU) (CVE-2020-10531, CVE-2011-4599, CVE-2014-814) have been addressed on key platforms by upgrading installed ICU libraries to version 73.1 when installing ClearCase. Other platforms remain at ICU 4.8.

Platforms that have been upgraded to ICU 73.1 are:

- win\_x86\_64
- linux\_x86\_64
- linux\_s390x
- linux\_ppc64le
- aix\_ppc64

### C++ runtime library

For ClearCase 11.0.0 on AIX, an updated C++ runtime library is required due to the updated ICU libraries. To download the required package and its installation instructions, see technote [795548](#).

### Base ClearCase/ClearQuest Perl integration

We have committed to keep the Base ClearCase/ClearQuest Perl integration in the ClearCase release through the calendar year 2024.

Problems (APARs) fixed

C159945, C164553, C167236, and C167638

Defects Fixed

Client-side resolved defects

<b>Defect Number</b>	<b>Description</b>	<b>Installation requirements</b>
C167638	Uncheckout of an element with <code>cleartool setview -exec 'cleartool umco -rm</code> from a second view in a bash shell	Install HCL DevOps Code ClearCase 11.0.0 on the client host.
C159945	CCBE unable to handle retrieving compare or merge contributors if path names are too long.	Install HCL DevOps Code ClearCase 11.0.0 on the client host.
C164553	Multiple trace issues in <code>cmiregister</code>	Install HCL DevOps Code ClearCase 11.0.0 on the client host.

Server-side resolved defects

<b>Defect Number</b>	<b>Description</b>	<b>Installation requirements</b>
C167236	<code>checkvob: cleartool: Error: No match found for manager id 'yq'.</code>	Install HCL DevOps Code ClearCase 11.0.0 on the VOB server host.

Requests for Enhancement (RFE) records

Client-side and Server-side requests

<b>RFE Number</b>	<b>Description</b>	<b>Installation requirements</b>
R161550	64-bit port of z/OS extension (connectors)	None.
R165489	Jenkins integration (phase 2)	Java 11 and Jenkins 2.361.4



## Known problems

The following known problems exist in this release:

- Depending on the Java that you use with HCL VersionVault 3.0.0.3 or later, automatic views might fail to connect to the DevOps Code ClearCase WAN server using `https` (TLS/SSL) from the Windows client. For more information, see technote [6854617](#).
- Currently, after you have implemented the ClearCase - Microsoft Visual Studio 2019 integration, when you try to create a new Visual Studio 2019 project from its UI, it might fail. To work around this problem, integrate with Visual Studio 2022 instead.
- The forwarding of requests by the IBM HTTP Server (IHS) to the HCL Compass web server stops working after the installation of the DevOps Code ClearCase WAN servers on the same system. For more information, see article [KB0097199](#).
- With User Account Control (UAC) enabled on a Microsoft Windows 10 or Windows Server 2019 machine and later, changes performed on the ClearCase Control Panel are not reflected on the host. For more information and possible workarounds, see technote [536805](#).
- In the ClearCase-Microsoft Visual Studio integration, adding a new project to the ClearCase source control using Visual Studio 2019 and later might fail silently. For more information, see technote [6619671](#).
- Currently, smart card authentication (CAC) is not available unless you use IBM Java.
- The Restore Manager menu item is not available under the Cadence Virtuoso Work Area Manager. For more information, see technote [333963](#).

### Known problems when upgrading from older versions of ClearCase

- If you previously used the `linux_x86_64` platforms for VOB storage with a 9.0.1.x and later releases, read the compatibility information in technote before upgrading to this release. For more information, see technote [562843](#).
- Before you upgrade to this release from MultiSite 8.0.0.3 or earlier (including 8.0) on servers that have feature level 6 VOB families, see technote 214747 for more information.
- If you previously modified the ClearCase default extended naming symbol (`@@`) on any Windows 64-bit system, review this technote. After upgrading to this release, you need to reconfigure the symbol's value. For more information, see technote [484703](#).

## Prerequisites

See the System Requirements document for a list of what is supported by HCL DevOps Code ClearCase.

- For ClearCase Licensing, you should have received ClearCase (Atria) license strings from the HCL License Fulfillment team. If you already have ClearCase Licenses, a compatibility mode is available for continuing to use existing ClearCase Licenses, as discussed in the Update Guide.
- If you are migrating to HCL DevOps Code ClearCase from IBM ClearCase, see the [HCL DevOps Code ClearCase 11 Migration Guide](#).

**Important:** If you are migrating to HCL DevOps Code ClearCase from IBM ClearCase, see the Migration Guide provided with the download of the HCL DevOps Code ClearCase product before you try to install the product. You must uninstall the ClearCase products before installing HCL DevOps Code ClearCase.

- **Java version 11.** For the HCL DevOps Code ClearCase installation on win\_x86\_64 and linux\_x86\_64, you must have a 64-bit Java Runtime Environment (JRE) specifically for Java 11 installed before you install ClearCase. During the installation of ClearCase, you must set the path to the java executable in your JRE installation. ClearCase does not ship with its own JRE, but instead uses a JRE that is already installed on your system. If you do not have a JRE already, you can obtain an open-source one. ClearCase uses the Adoptium version of Java 11 in their testing.

**Tip:** To use a different JRE at a later time, see [Reconfiguring ClearCase to use a different JRE](#).

**Important:** For ClearCase on Windows, you must unpack the JRE locally. Running the JRE from a network location is not supported. During the installation process for ClearCase, you must enter the path to your JRE.

## Getting started

**Note:** All downloads are available from the [HCL Software License & Download Portal](#) unless otherwise noted.

1. Download and review the System Requirements document.
2. Download IBM Installation Manager, version 1.9.1 or later fix pack, or version 1.9.2 or later fix pack, and the IBM Packaging Utility. IBM Installation Manager is required to install each HCL product.
3. Download your HCL product and extract the images on your computer. You must specify the location of each extracted product download in the Repositories list in the IBM Installation Manager preferences.
4. See the [HCL DevOps Code ClearCase 11 Update Guide](#) for Licensing information.
5. Use IBM Installation Manager and the instructions in the [HCL DevOps Code ClearCase 11 Update Guide](#) or [HCL DevOps Code ClearCase 11 Migration Guide](#) to update or migrate to HCL DevOps Code ClearCase. Additionally, you can see the online help about using IBM Installation Manager.
  - a. For the Asynchronous License Acquisition feature in the features list:
    - With asynchronous license acquisition, ClearCase does not wait for a response from the license server. When a response arrives, the result is processed by a background process. If the result is a failure, then the next license request from ClearCase displays an error message. Asynchronous licensing is faster for the end user in the normal case where a license is available. For more information about this licensing method, see the online help.
    - With synchronous license acquisition, ClearCase waits for a response from the configured license server. Any license error messages (license expired, all licenses in use, or similar) displays directly to the user.
  - b. On the Java Installation Directory panel enter the path to the java executable that is installed on your system. For more information about the Java requirement for ClearCase, see [Prerequisites](#).
  - c. On the Licensing panel, select your license provider as **HCL**. You can now use only ClearCase licensing.

**Note:** For more detailed instructions, see [Configure ClearCase Licensing](#).

    - On a **remote** host: Enter the name for the remote host in the **Enter remote host name (required)** text box.
    - On my **local** host: Enter the license key for the local host in the **Enter license keys (required)** text box.-

## About references

For information about equivalent file path names for HCL DevOps Code ClearCase, see the [HCL DevOps Code ClearCase 11 Update Guide](#).

## Documentation

The online help for HCL DevOps Code ClearCase 11.0.0 is published on <https://help.hcltechsw.com/devops/code/clearcase/11.0.0/index.html>.

The help is also available from within the installed product.

## Support

For technical support, contact HCL Software Customer Support at <https://support.hcltechsw.com/csm>, and in addition to providing details for your issue, also provide the following information:

- Your name, company name, telephone number, and email address
- Your operating system, version number, and any service packs or patches that you have applied
- Product name and release number
- Your Support Ticket Number (if you are following up on a previously reported problem)

To create a support issue, see article [KB0010164](#).

For blogs, forums, and more for ClearCase, go to the HCL Software website at <https://www.hcltechsw.com/wps/portal>.