**TeamCity**

**1) Is TeamCity a CI or CD?**

TeamCity is a general-purpose CI/CD solution that allows the most flexibility for all sorts of workflows and development practices. The Projects Overview lets you quickly check the status of your builds, see what triggered them, download the latest build artifacts, and more.

**2) What is TeamCity and octopus?**

TeamCity from JetBrains is a popular continuous integration server that supports a variety of different version control systems and build runners. Octopus Deploy and TeamCity can work together to make automated, continuous delivery easy.

**3) What is TeamCity in DevOps?**

What is TeamCity? TeamCity is a user-friendly continuous integration (CI) server for professional developers, build engineers, and DevOps. It is trivial to setup and absolutely free for small teams and open source projects.

**4) Is TeamCity a build tool?**

TeamCity is a build management and continuous integration server from JetBrains. It was first released on October 2, 2006 and is commercial software and licensed under a proprietary license: a freemium license for up to 100 build configurations and three free Build Agent licenses are available.

**5) Why GitLab is better than Jenkins?**

GitLab provides more than what Jenkins is hoping to evolve to, by providing a fully integrated single application for the entire DevOps lifecycle. More than Jenkins’ goals, GitLab also provides planning, SCM, packaging, release, configuration, and monitoring (in addition to the CI/CD that Jenkins is focused on).

**6) How do I learn TeamCity?**

* Learn TeamCity
* Learn about CI/CD.
* Read what’s new in TeamCity.
* Explore tutorials.
* Install TeamCity on your own premises.
* Build in the cloud with TeamCity Cloud.
* Run your first build.
* Set up your build configurations as code.
* Integrate with TeamCity using RESTful API.

**7) Can TeamCity deploy?**

TeamCity provides the Deployment type of build configuration. Build configurations which perform deploying to some environment can be marked with this type: these are usually build configurations that have snapshot or artifact dependencies on the builds whose results they deploy.

**8) What is TeamCity Tool?**

TeamCity is a Java-based build management and continuous integration server from JetBrains. It is a powerful continuous integration tool.

**9) How do you make a pipeline on TeamCity?**

In TeamCity terms, a pipeline is called a build chain.  
…  
Configure Trigger and Checkout Rules﻿  
Open the Triggers page and click Add new trigger.  
Open advanced options and then enable the option to trigger a build on changes in snapshot dependencies. …  
Leave other settings default and save the trigger.

**10) Which is better Jenkins or Bamboo?**

The biggest difference between Bamboo vs Jenkins is that Jenkins is Open Source – which means it’s free. Jenkins’ integration with Jira and Bitbucket is limited and the process requires additional components in the configuration which takes time and labour. With Bamboo, basic configuration options are already built-in.

**11) What is a TeamCity build?**

In TeamCity terms, a build is a process that consists of one or more steps and performs a certain CI/CD job. After you have installed and started TeamCity as described here, you are ready to configure and run your first build.

**12) Where are TeamCity build logs stored?**

The logs are stored in plain text files in a disk directory on the TeamCity server machine (usually in /logs ).

**13) Can private builds be triggered automatically?**

The private build cannot be triggered automatically. You queue a private build if you want to build the changes that you have put into a shelve-set. You can use a private build to validate changes to your code before you check it in.

**14) What is TeamCity build agent?**

A TeamCity build agent is a piece of software which listens for the commands from the TeamCity server and starts the actual build processes. It is installed and configured separately from the TeamCity server.

**15) Is TeamCity a build tool or build scheduler?**

Teamcity is a build tool. It is a java based management and continuous integration server that is licensed under the javabite. It is mainly focused on build automation due to which it is can be used anywhere without any hassle.

**16) What is artifact path in TeamCity?**

Artifact Paths﻿ Build artifacts are files produced by the build which are stored on TeamCity server and can be downloaded from the TeamCity UI or used as artifact dependencies by other builds.

**17) Is CircleCI better than Jenkins?**

In conclusion, the key difference between CircleCI vs Jenkins is that Jenkins is more secure and elaborates; CircleCI is lightweight and open. Therefore for faster deployment jobs, one can execute their codes on CircleCI as it deploys on scalable and robust cloud servers.

**18) What is a TeamCity job?**

A TeamCity project can correspond to a software project, a specific version/release of a project or any other logical group of the build configurations. The project has a name, an ID, and an optional description. In TeamCity, user roles and permissions are managed on a per-project basis.

**19) Which of the following are key features of TeamCity?**

Features

* Technology Awareness. One reason TeamCity is dubbed an “Intelligent CI server” is its approach to integration. …
* Key Integrations. …
* Cloud Integrations. …
* Continuous Integration. …
* Configuration. …
* Build History. …
* Build Infrastructure. …
* Code Quality Tracking.

**20) What is Cicd tool?**

CI/CD is a method to frequently deliver apps to customers by introducing automation into the stages of app development. The main concepts attributed to CI/CD are continuous integration, continuous delivery, and

continuous deployment.

**21) How do I import a project on TeamCity?**

On the target TeamCity server: Go to the Server Administration area and select Project Import on the left. Upload your project settings and follow the wizard. When the import finishes, TeamCity will display the results.

**22) How do I change my TeamCity database?**

if you already have a database with teamcity data elsewhere:  
shutdown TC server.  
modify /config/database. properties to point at new db.  
restart server.

**23) How do I Create a new build configuration?**

To create a project build configuration, follow these steps:  
Right-click on the project node and select Options. You can also double-click on the project node to bring up the Project Options dialog.  
In the Project Options dialog, select Build > Configurations:  
Select Add to create a new configuration.

**24) How do I open configuration properties?**

To set properties based on configurations, in Solution Explorer, open the shortcut menu for a project and then choose Properties. You can set properties for your configurations.

**25) What is solution platform in Visual Studio?**

Visual Studio provides a way for a solution to target several different CPU architectures, or platforms, at once. The properties to set these are accessed through the Configuration Manager dialog box.

**26) Where is launch JSON in Vscode?**

As described in the Launch Configurations section of the VS Code docs: VS Code keeps debugging configuration information in a launch. json file located in a . vscode folder in your workspace (project root folder) or in your user settings or workspace settings.

**27) What database does TeamCity use?**

HyperSQL DataBase  
By default, TeamCity uses an internal database based on HyperSQL DataBase (HSQLDB). The database files in the default setup are stored in , which is usually /. BuildServer .

**28) What does TeamCity store in DB?**

TeamCity stores build history, users, build results, and some runtime data in an SQL database.

**29) How do I restore a backup on TeamCity?**

Performing Restore﻿  
On the TeamCity First Start page, enter the path to the Data Directory and click Restore from backup.  
Enter an absolute path to the backup directory on the TeamCity server or upload a ZIP archive with the backed up data.  
Choose the target database. …  
Proceed with the restoration.

**30) How do I change my TeamCity agent name?**

To change the name of an agent, change the “name” value in the conf/buildAgent. properties file.  
SSH into the agent,  
Change the “name” value in the /opt/teamcity/conf/buildAgent. properties file.

**31) How do I make a TeamCity pipeline?**

In TeamCity terms, a pipeline is called a build chain.  
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**32) What is TeamCity build agent?**

A TeamCity build agent is a piece of software which listens for the commands from the TeamCity server and starts the actual build processes. It is installed and configured separately from the TeamCity server.

**33) What is meta runner in TeamCity?**

Basically, a meta-runner is a set of build steps from one build configuration that you can reuse in another; it is an XML definition, containing build steps, requirements, and parameters, that you can utilize in XML definitions of other build configurations. TeamCity allows extracting meta-runners using the web UI.

**34) Which is better TeamCity vs Jenkins?**

Jenkins is an open source continuous integration tool, while TeamCity is a proprietary offering from JetBrains. TeamCity is easier to configure and more straightforward to use, while Jenkins has a rich plugin ecosystem and integrations.

**35) How do I enable agents in TeamCity?**

Agents can be manually enabled/disabled via the web UI by clicking the status icon (1) next to the agent’s name. Optionally, you can tell TeamCity to automatically disable/enable the agent after a period of time and enter your comment. TeamCity will follow the instructions and show the comment icon (2).

**36) Where is the TeamCity data directory?**

The currently used Data Directory location can be seen on the Administration | Global Settings page for a running TeamCity server instance. Clicking the Browse link opens the Administration | Global Settings | Browse Data Directory tab allowing the user to upload new or modify the existing files in the directory.

**37) How do I restore my backup files?**

Restore files with File History  
Connect the external storage device that contains your backup files.  
In the search box on the taskbar, type Control Panel, then select it from the list of results.  
In the search box in Control Panel, type File History. …  
Follow the instructions to restore your files.

**38) How do you use TeamCity?**

CI – Creating a Project in TeamCity  
Step 1 − Login to the TeamCity software. …  
Step 2 − Once logged in, you will be presented with the home screen. …  
Step 3 − Give a name for the project and click Create to start the project. …  
Step 4 − The next step is to mention the Git repository which will be used in our project.

**39) What is TeamCity and octopus?**

TeamCity from JetBrains is a popular continuous integration server that supports a variety of different version control systems and build runners. Octopus Deploy and TeamCity can work together to make automated, continuous delivery easy.

**40) How do I install TeamCity on OSX?**

Ensure that JRE or JDK are installed and the JAVA\_HOME environment variable is pointing to the Java installation directory (see recommended Java versions).  
Install TeamCity Server on Linux or macOS.  
Download TeamCity Server.  
Install from tar.gz.

**41) Where are TeamCity artifacts?**

By default, the artifacts are stored under the /system/artifacts directory which can be changed. You can configure an external artifacts storage to replace the built-in one. Build artifacts can also be uploaded to the server while the build is still running.

**42) What is a TeamCity build agent?**

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**43) What does staged builds include?**

Before an application is deployed, staging environments are used to test , builds, and updates in a production-like environment to assure quality. The staging environment requires a duplicate of the same hardware, servers, databases, and caches as the production environment.

**44) What is TeamCity in DevOps?**

What is TeamCity? TeamCity is a user-friendly continuous integration (CI) server for professional developers, build engineers, and DevOps. It is trivial to setup and absolutely free for small teams and open source projects.

**45) How do I debug TeamCity build?**

Debugging Tests Remotely﻿

To start remote debugging of a test, select the test and choose the Debug Remotely on TeamCity Agent option from the context menu (the Remote Debug action is also available from the TeamCity plugin menu. The action will require you to select an IntelliJ IDEA run configuration).

**46) What is difference between Jenkins and TeamCity?**

The most basic difference between Jenkins vs TeamCity is that Jenkins is an open-source continuous integration tool and TeamCity is a commercial tool. This obviously means that Jenkins project is supported by developers across the globe while TeamCity is maintained by its parent company, JetBrains.

**47) How do I create a docker image in TeamCity?**

Define the build steps.  
Add the Docker build capability to the build agent. …  
Create a TeamCity project. …  
Add a connection to Docker Hub. …  
Create the build definition. …  
Add the Docker support Build Feature. …  
Add build steps. …  
Add Docker Hub as an external feed. …  
Create the Octopus Deploy project.

**48) How do you get artifacts in TeamCity?**

TeamCity can automatically create an archive from a directory when publishing build artifacts. To configure this behavior, you need to specify the build artifact path as follows: directory => directory. \* , where \* is the archive extension (like directory. zip ).

**49) Does TeamCity use docker?**

TeamCity Docker Support can run on Windows, Linux, and macOS build agents. It uses the docker executable on the build agent machine, so it should be runnable by the build agent user.

**50) What is a TeamCity build agent?**

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