

Bamboo

- [Bamboo](#)

Bamboo

Setup Build to run tests in Bamboo (Windows - localhost)

1. Download and install Atlassian Bamboo on one of your servers
2. Before you install Bamboo, check that you're running a supported Java version and that the JAVA_HOME (pointing to JDK) and JRE_HOME (pointing to JRE) environment variable is set correctly

Download Bamboo

1. Download Bamboo from the Atlassian download site.
Note: It is highly recommended to avoid placing the Bamboo home directory in any Windows security controlled directory, for example, C:\Program Files
2. Launch the Bamboo Windows installer to begin the installation wizard
3. The installer requires you to specify two directories:
Destination directory— This is the directory where Bamboo's application files will be installed. The default is:
C:\Program Files\Bamboo
4. Bamboo home directory— This is the directory where Bamboo will store its configuration data. If the directory you specify doesn't exist, Bamboo will create the directory when it launches. The default is:
C:\Users\<current-user>\Bamboo-home
5. Ensure that the Bamboo home directory is not located inside the <Bamboo installation directory>

Start Bamboo

1. In the command line, change the directory to <Bamboo installation directory> and run the following command:
bin\start-bamboo.bat
2. In your Web browser, enter the following address: <http://localhost:8085/>

Configure Bamboo

When you launch Bamboo for the first time, the Bamboo setup wizard will display. The wizard will lead you through the Bamboo settings that you need to configure before you can start using it.

- You must have a valid Bamboo license (evaluation or commercial) to use Bamboo. You can generate your own Bamboo evaluation license from your Atlassian account

- Setup Admin Account: The final step of the setup wizard is to enter the details of the first registered user for the Bamboo system. This user will have global administrative privileges over the entire installation of Bamboo and should not be removed
- Once you have entered the details for your administrator user, click Finish. The Bamboo dashboard will be displayed

The screenshot shows the 'Bamboo -- express installation' window. The main heading is 'Set up administrator user'. Below it, a sub-heading says 'Please enter the details of the administrator user for this installation of Bamboo.' There are five input fields: 'Username' with 'administrator', 'Password' with 'admin123456', 'Confirm password' with 'admin123456', 'Full name' with 'Naveen', and 'Email' with 'naveen@acqramco.com'. A blue 'Finish' button is at the bottom. At the very bottom, there is a footer with 'Continuous integration powered by Atlassian Bamboo version 6.13.0 build 50432 - 10 Jun 17' and the Atlassian logo.

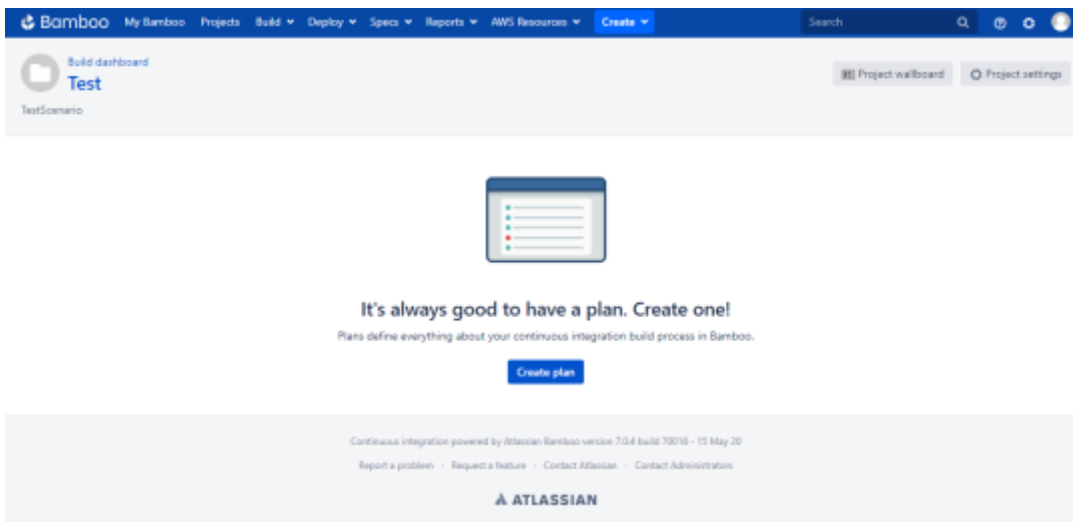
Bamboo Plug-in, Create test plan, configure and run Appvance IQ Scenario

NOTE: To avoid possible errors when trying to access the result page, the scenarios used for triggering from bamboo should NOT have the database set in the scenario XML. So it will use the default settings of the AIQ console.

1. Create a new Test Plan in Bamboo and fill out all the required fields

The screenshot shows the 'Bamboo' dashboard with a 'Create project' modal open. The modal has a title 'Create project' and a description 'Projects allow you to easily group and identify plans which are logically related to each other.' There are four input fields: 'Project name' with 'Test', 'Project key' with 'TEST', 'Project description' with 'TestScenario', and 'Project access' with a checkbox 'Allow all users to view this project' which is unchecked. There are 'Save' and 'Cancel' buttons at the bottom. The footer of the modal shows 'Continuous integration powered by Atlassian Bamboo version 7.0.0 build 70010 - 15 May 20' and the Atlassian logo.

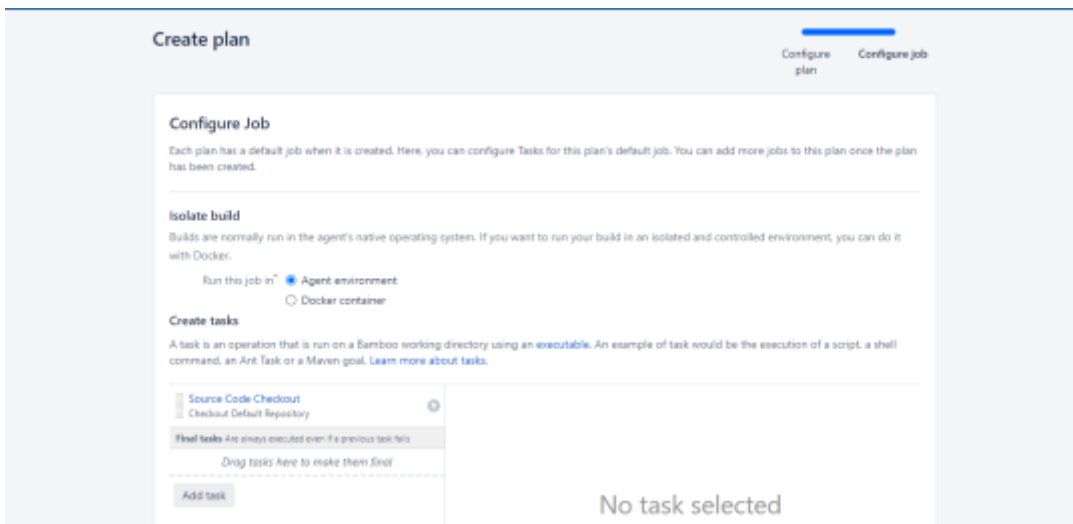
2. Once the project has been created, Click Crete Plan



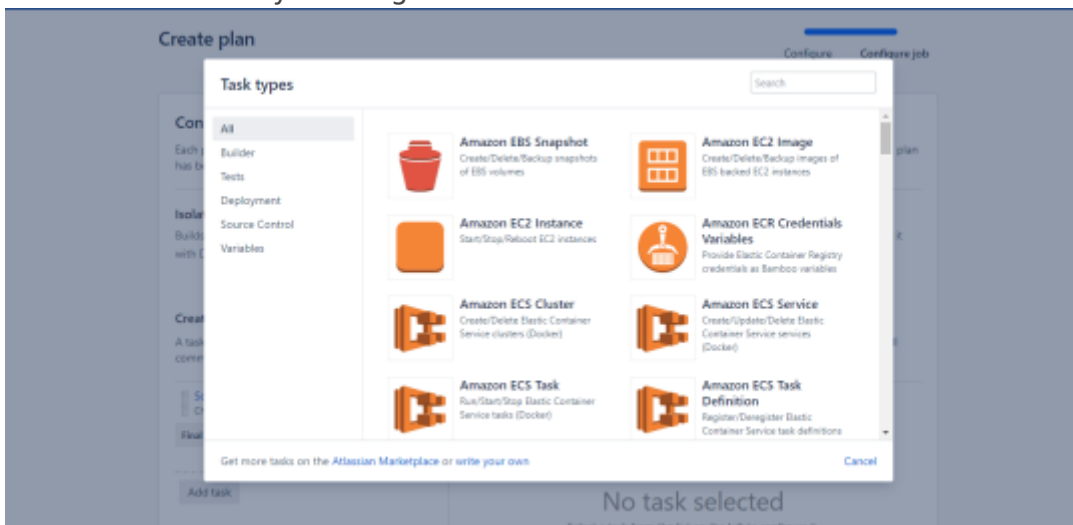
3. Create a new Test Plan in Bamboo and fill out all the required field

4. Click any Repository options and click Configure plan. (Ex:- Git)

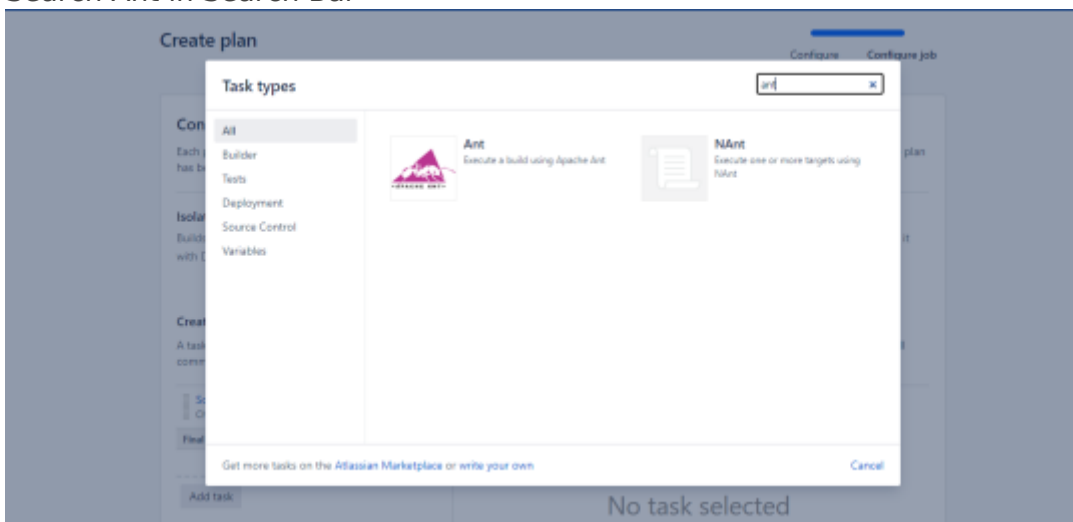
5. Configure the Job



6. Add the Ant Task by Clicking Add Task



7. Search Ant in Search Bar



8. Create a new Task in Bamboo and fill out all the required fields

Ant

Final tasks are always executed even if a previous task fails

Drop tasks here to make them final

Add task

Task description

Test

☐ Disable this task

Executable

Ant [Add new executable](#)

Build file

Target*

ant scenarioDashboard -DscenarioFile=testScenario -Del=Test -Dproduct=3s

The target you want to execute. You can also define system properties such as -DjavaAntHeadless=true.

Build JDK*

JDK 1.8 [Add new JDK](#)

Which JDK do you need to use for the build? The JAVA_HOME will be added as an environment variable.

Environment variables

Extra environment variables, e.g. M2B_OPTS="-Xmx256m -Dm2b2m". You can add multiple parameters separated by a space.

Working subdirectory

Specify an alternative subdirectory as working directory for the task.

Where should Bamboo look for the test result files?

☐ The build will produce test results.

If checked, the build will fail if no tests are found. Test output must be in JUnit XML format.

[Save](#) [Cancel](#)

9. Once the Task is created Click Projects and click the Created Project

Bamboo My Bamboo **Projects** Build Deploy Specs Reports API Resources Create

Search

Projects

Project	Key	Description
Nonebook	NBT	No description
Test	TEST	TestScenario
Workers	WOL	Workers CID demo
WorkersMtd	WMM	WMMScenario

Using Bamboo
Learn more about continuous integration and delivery processes to understand Bamboo capabilities better.

Bamboo Best Practice
Find out more tips and tricks of using Bamboo.

Bamboo FAQ
Browse through questions frequently asked about Bamboo.

Continuous Integration powered by Atlassian Bamboo version 7.0.0 build 70018 - 15 May 20

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10. Enable the Plan by clicking Edit and Click Actions > Enable Plan

Bamboo My Bamboo Projects Build Deploy Specs Reports API Resources Create

Search

Build dashboard
Test
TestScenario

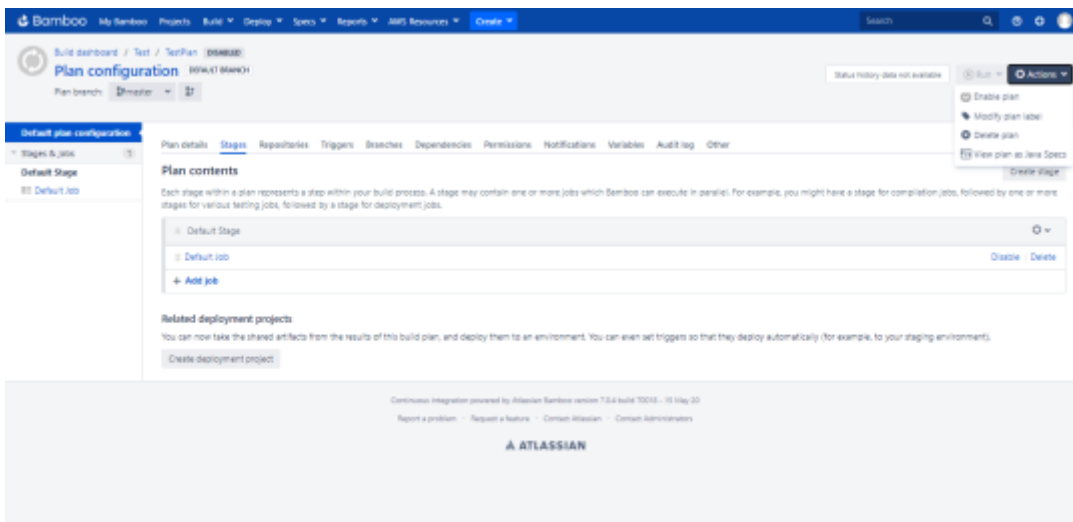
[Project workflow](#) [Project settings](#)

Plan	Build	Completed	Tests	Errors
TestPlan	Never built			

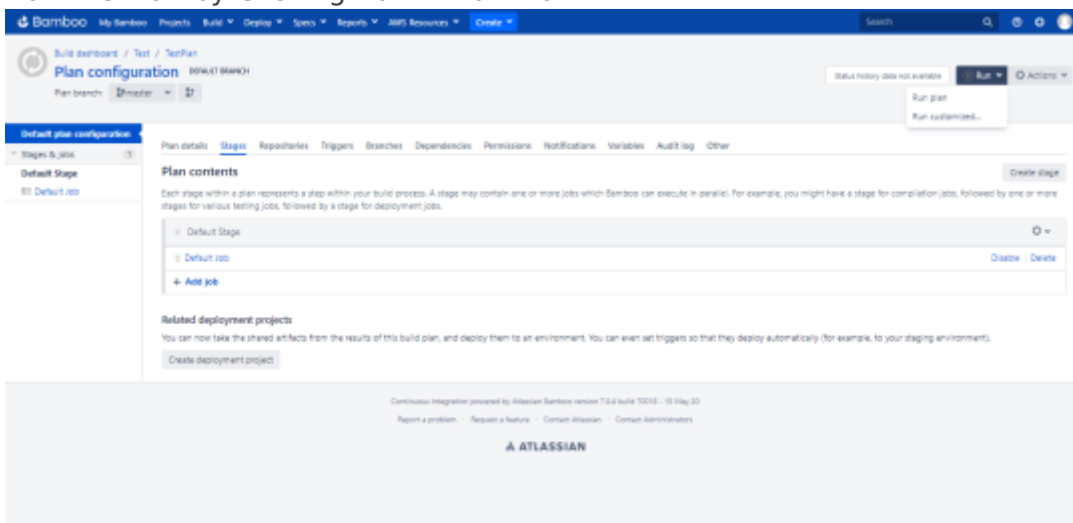
Continuous Integration powered by Atlassian Bamboo version 7.0.0 build 70018 - 15 May 20

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11. Run the Plan by Clicking Run > Run Plan



12. View the Build Result Summary



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If you have any feedback on this topic, please contact us at documentation@appvance.ai