



Test Plans

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1. Overview

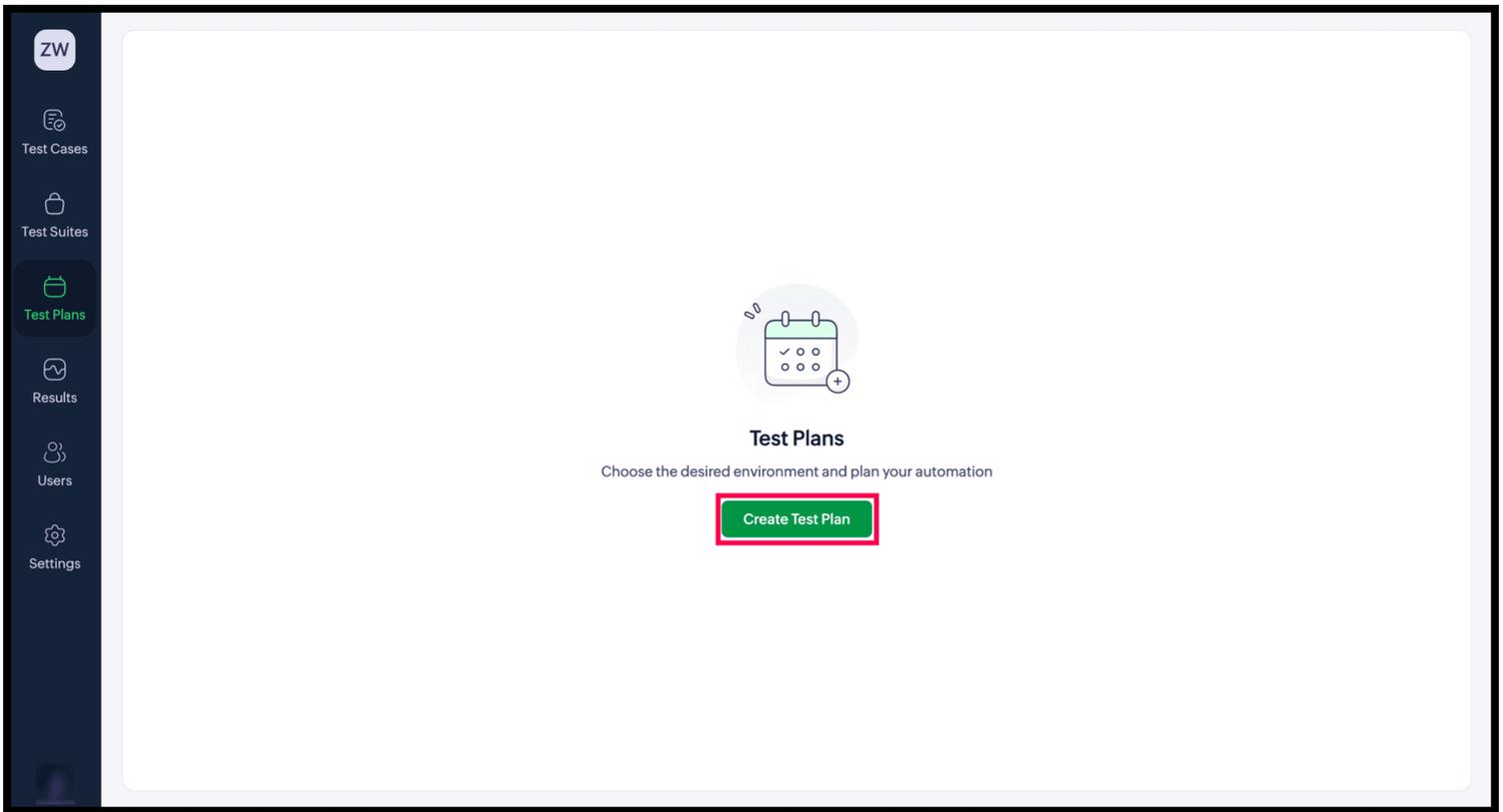
You may have read about [test cases](#) and test suites in the previous documents. If you haven't, check them out because they're a precursor to test plans.

Test plans are where you specify automation details for test cases. A test plan contains information such as the suite that has to be automated, the [agent](#) on which cases will run, the [environmental variables](#) to be applied for the cases, and the execution schedule.

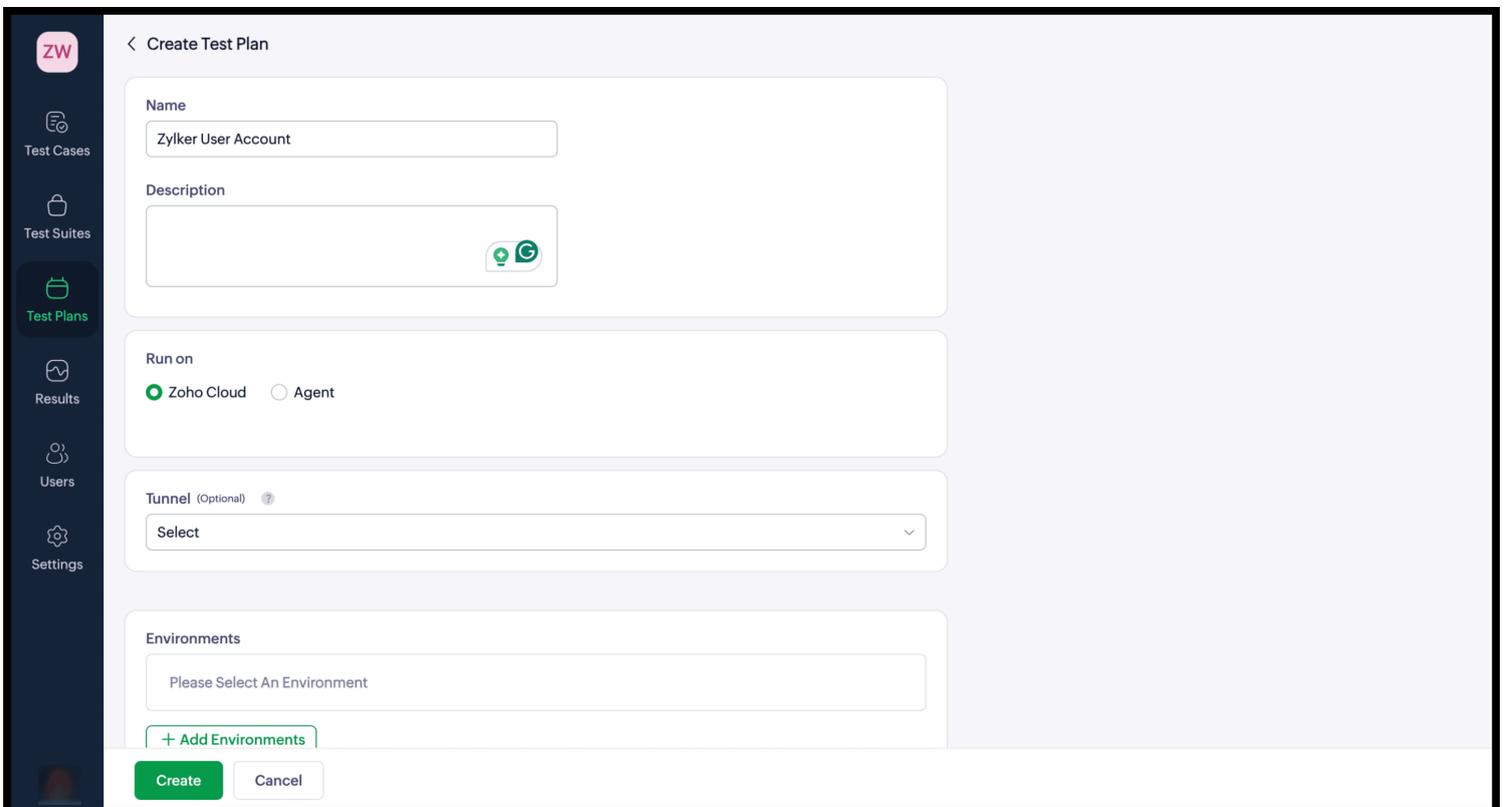
Simply put, test plans define the test cases to be run and the schedule for the run.

2. Creating a test plan

Navigate to *Test Plans* and click **Create Test Plan**.



2.1 Components of a test plan



- Name of the plan

- Description about the plan
- **Run on:** Select an agent to run test cases locally or on the cloud. Different environment options are provided depending on your selection.

For example, if you have an agent on your device that is connected to virtual devices, you'll have the choice to run test cases on those virtual machines. On the other hand, selecting the default Zoho Cloud agent will allow you to run test cases on your configured environments.

- **Tunnel:** Select the required tunnel if you wish to execute your test cases within a remote or private network environment. <Learn more>
- **Environments:** Select an applicable environment to run the test cases. Click **+Add Environments** and select Web, Android, iOS, or API.

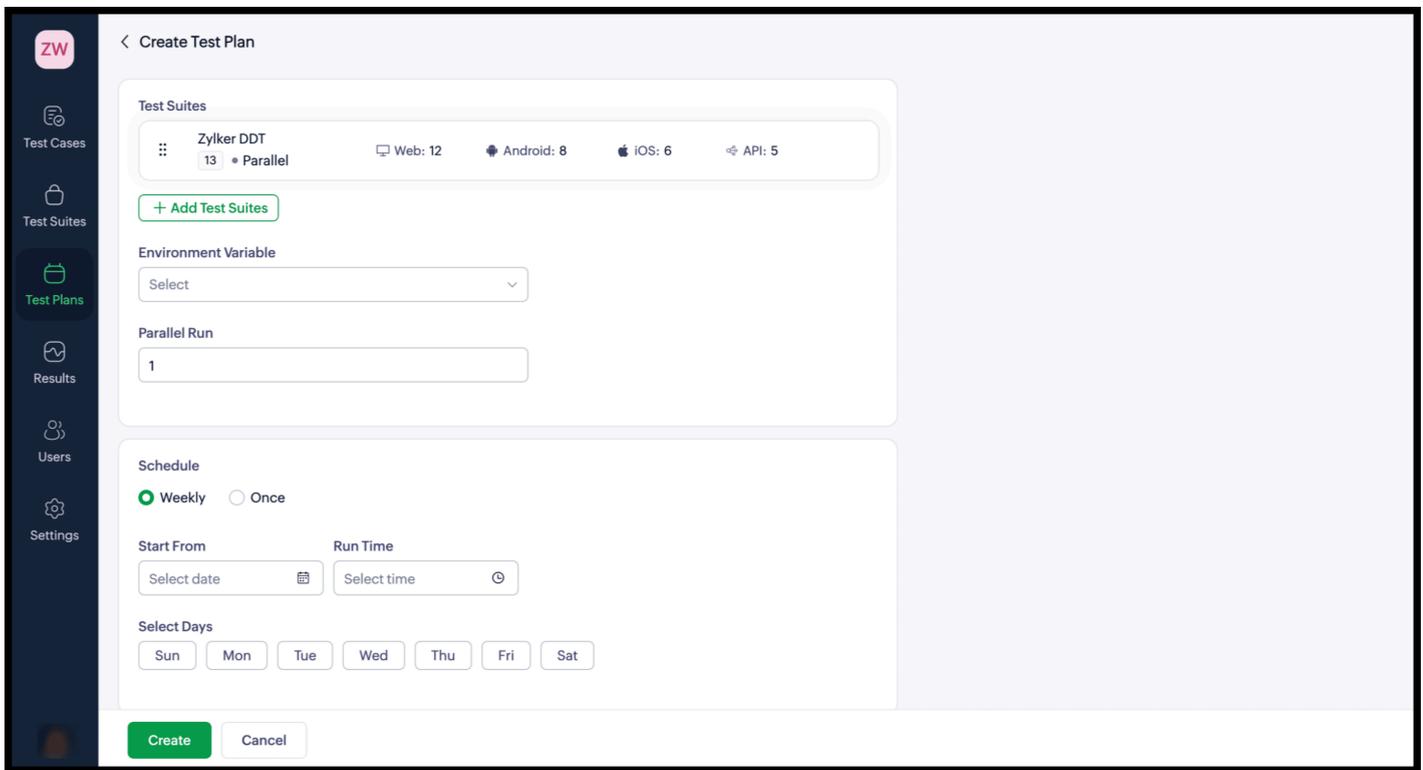
Notes:

1. Test cases that don't apply to the selected environment are skipped and are marked as *Passed*.
2. Only one platform type can be selected for each test plan. However, you can add multiple environments for the selected platform.
3. Choices for the environment fields vary depending on the selected agent.

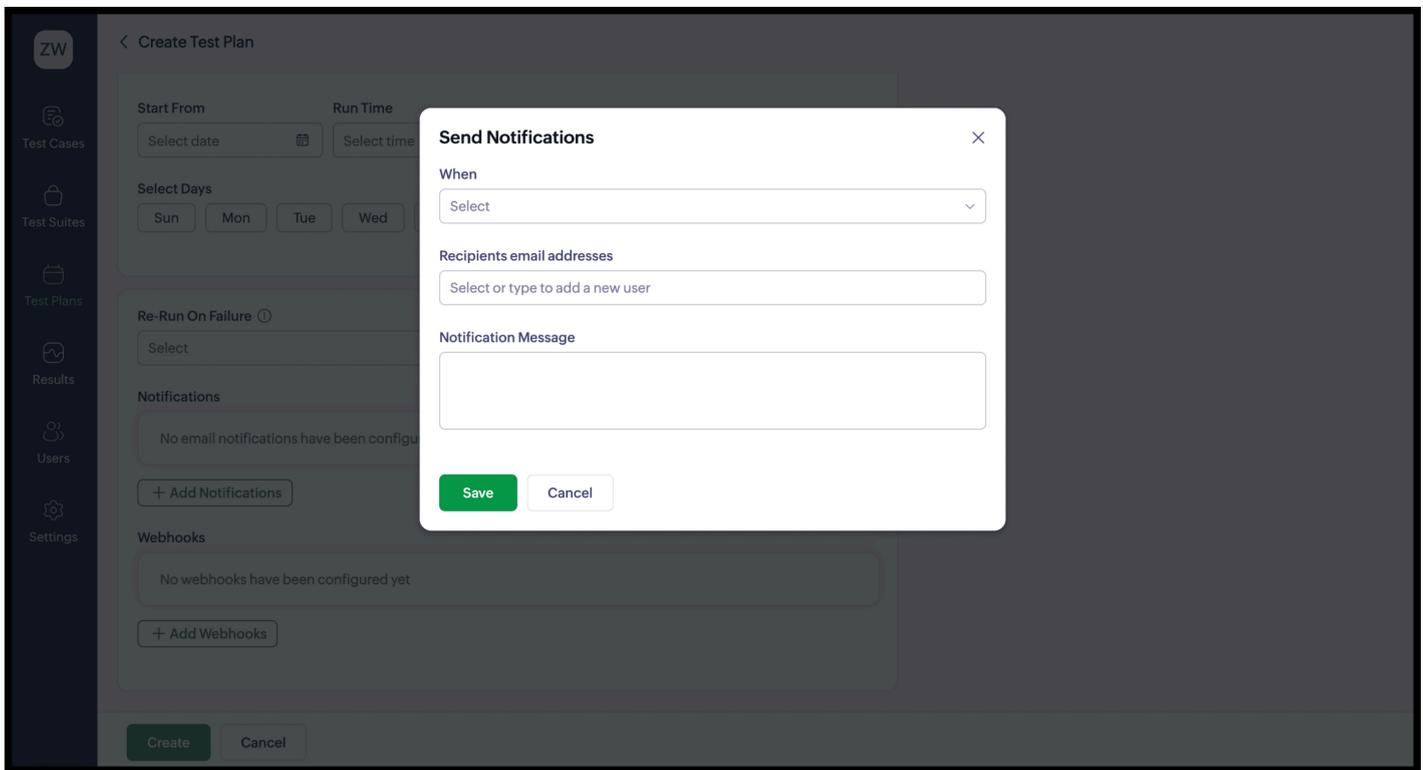
For example, if you have selected a local agent that has virtual devices, you'll find environment options associated with the virtual devices. If you're using the default Pilot agent, you'll find options to run test cases on your configured environments.

4. Changing the agent type resets the selected environments in the plan.

- **Test Suites:** Select suites to be run.
- **Environment Variable:** The variables selected are [environment variables](#). The values of environment variables overwrite the values of global variables during test plan execution.
- **Parallel Run:** This gives the count of how many test suites will run at a time.



- **Schedule:** Choose whether the test plan should be executed on a weekly basis, or as a one-time configuration.
- **Start From:** Select the date on which to commence the test plan.
- **Run Time:** This is the time at which the test plan will be executed. The options for this field will vary based on the selected date in the schedule *Start From*.
- **Select Days:** For this option, test plans will be executed only on selected days.
- **Re-run on Failure:** Choose your preferred action when test cases fail: either *None*, *All Test Cases*, or *Only Failed Test Cases*.
- **Notifications:** Trigger email notifications at various points in the test plan execution.



When

- **Started:** When the test plan starts
- **Completed:** When the test plan is successfully completed
- **Success:** Provides an additional field to specify the percentage of execution success at which the notification should be triggered.
- **Fail:** Provides an additional field to specify the percentage of execution failure at which the notification should be triggered.
- **Not executed (delay):** When the test plan is terminated during its progress.

Recipients email addresses

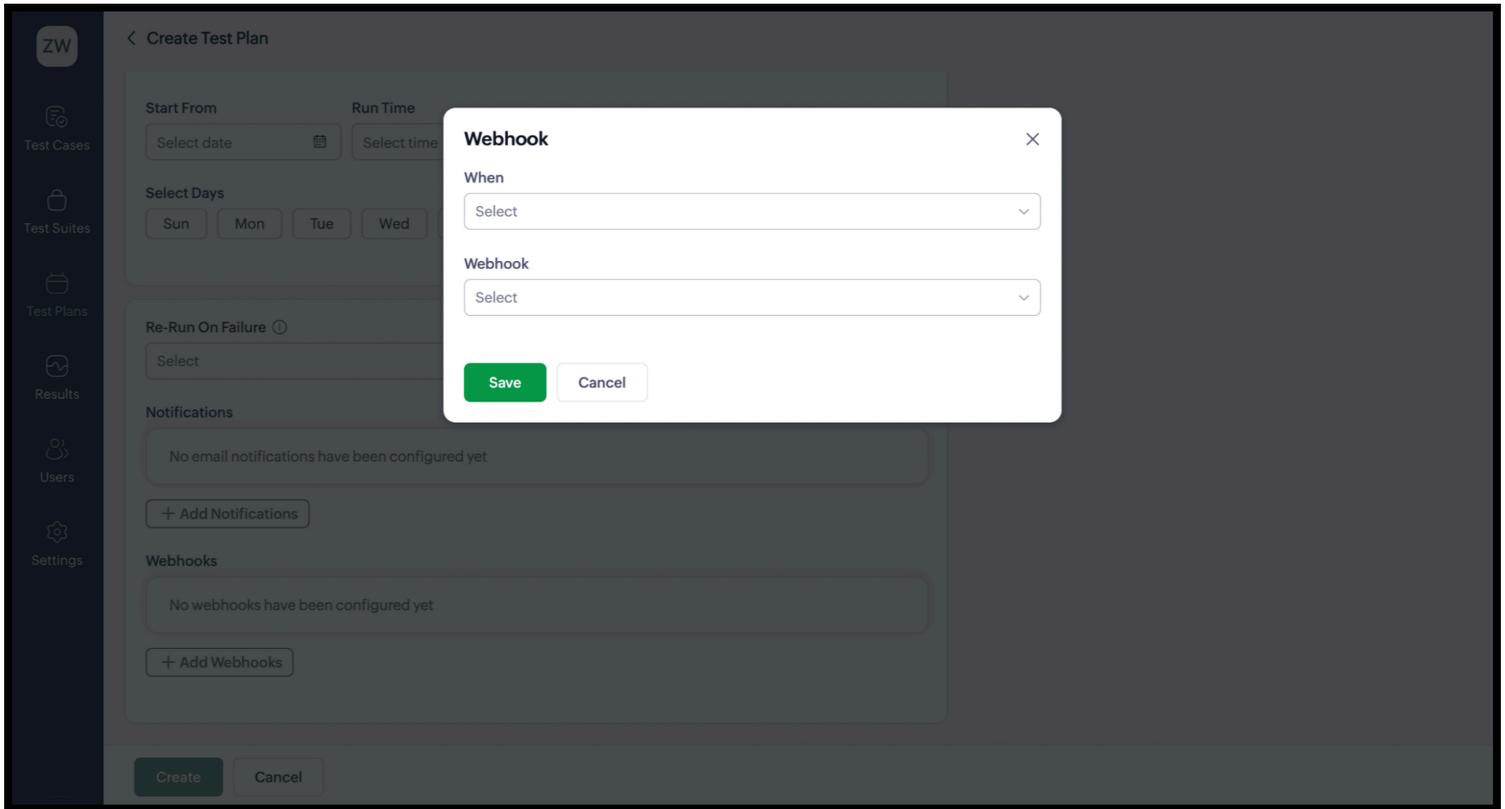
Here, you provide the email address of the recipient user. You can select multiple email addresses.

Message

Fill in a message to be included in the email notification.

Webhook pop-up

From here, you can send test plan notifications to third-party services.



When

- **Started:** When the test plan starts
- **Completed:** When the test plan is successfully completed
- **Success:** Provides an additional field to specify the percentage of execution failure at which the notification should be triggered.
- **Fail:** Provides an additional field to specify the percentage of execution failure at which the notification should be triggered.

Webhook

Select the required webhook from the drop-down.

Note: Configuring notifications or webhooks aren't mandatory—they're optional fields to get notified on the test plan.

Click **Create**. The test plan will be saved with the selected configuration. You can disable the test plan by toggling the status. The **Play** icon lets you run the test plan instantly. To delete the plan, click the **Delete** icon.

Note: The status toggle bar of the created test plan will be toggled on by default. You can toggle it off if you want to disable the particular test plan's execution.

3. Managing test plans

You can perform the following actions on created test plans:

- View
- Edit
- Delete

3.1 View

This page provides an overview of all created test plans, along with their key details and management options:

<input type="checkbox"/>	Name	Test Suites	Agent Type	Run Type	Last Run	Next Run	Status	
<input type="checkbox"/>	Daily Plan	1	Zoho Cloud	Weekly	07-Mar-2024 06:00	11-Dec-2024 06:00	<input checked="" type="checkbox"/>	⏪
<input type="checkbox"/>	Guest Shopping	2	Zoho Cloud	Weekly	-	11-Dec-2024 06:00	<input checked="" type="checkbox"/>	⏪
<input type="checkbox"/>	Manual Testing	1	Zoho Cloud	Weekly	27-Nov-2023 16:02	-	<input type="checkbox"/>	⏪
<input type="checkbox"/>	Zyllker Data-Driven	1	Zoho Cloud	Weekly	10-Dec-2024 12:00	11-Dec-2024 12:00	<input checked="" type="checkbox"/>	⏪

- **Name:** Displays the names of the test plans
- **Test Suites:** Displays the count of test suites included within each test plan
- **Agent Type:** Indicates the agent currently executing the test plan
- **Run Type:** Shows the schedule configuration of the test plan (Once or Weekly)
- **Last Run:** Specifies the last execution date and time of the test plan
- **Next Run:** Displays the upcoming scheduled execution date and time for the test plan
- **Status:** A toggle button to enable or disable the execution of the test plan
- Play {  }: A button used to execute the test plan immediately
- **Test Plan Execution URL:** Lets you fetch the test plan's execution URL, which can be used to configure your test plans in CI/CD tools like Jenkins

3.2 Edit

To edit a test plan, click on a test plan to open it. Make the necessary updates, then click **Update** to save your changes.

The screenshot displays the 'Edit Test Plan' interface. On the left is a dark sidebar with navigation icons for Test Cases, Test Suites, Test Plans (highlighted), Results, Users, and Settings. The main area is titled 'Edit Test Plan' and contains the following sections:

- Name:** A text input field containing 'Zyllker Data-Driven'.
- Description:** A text area for entering a description.
- Run on:** Radio buttons for 'Zoho Cloud' (selected) and 'Agent'.
- Tunnel (Optional):** A dropdown menu currently set to 'Select'.
- Environments:** A table with two columns. The first row shows 'Chrome Version - 126' and '360x800'. Below the table is a '+ Add Environments' button.

At the bottom of the form are 'Update' and 'Cancel' buttons.

3.3 Delete

To delete a test plan, click the Delete icon next to the desired test plan.

Test Plans
Schedule the execution of test cases

Search Name

<input type="checkbox"/>	Name	Test Suites	Agent Type	Run Type	Last Run	Next Run	Status		
<input type="checkbox"/>	All-Platform-Cases	1	Agent	Weekly	04.08.2024 23:55	-	<input type="checkbox"/>	<input type="button" value="↻"/>	<input type="button" value="Delete"/>
<input type="checkbox"/>	API TEST CHECK	1	Zoho Cloud	Weekly	29.12.2024 15:00	-	<input type="checkbox"/>	<input type="button" value="↻"/>	
<input type="checkbox"/>	Assertions	1	Agent	Weekly	29.12.2024 14:30	-	<input type="checkbox"/>	<input type="button" value="↻"/>	
<input type="checkbox"/>	Automationtest	1	Zoho Cloud	Weekly	15.01.2025 03:09	-	<input type="checkbox"/>	<input type="button" value="↻"/>	
<input type="checkbox"/>	Build - Run - Web	3	Agent	Once	07.01.2025 18:15	-	<input type="checkbox"/>	<input type="button" value="↻"/>	
<input type="checkbox"/>	Cloud-Tests	1	Zoho Cloud	Once	-	-	<input type="checkbox"/>	<input type="button" value="↻"/>	
<input type="checkbox"/>	Collections	1	Agent	Once	09.01.2025 15:30	-	<input checked="" type="checkbox"/>	<input type="button" value="↻"/>	
<input type="checkbox"/>	Console_logs	1	Zoho Cloud	Weekly	16.12.2024 13:00	-	<input type="checkbox"/>	<input type="button" value="↻"/>	
<input type="checkbox"/>	Console_logs_edge	1	Zoho Cloud	Weekly	-	-	<input type="checkbox"/>	<input type="button" value="↻"/>	

Total Count: 29

Alternatively, select multiple test plans and click **Delete**.

4. Related Links

- [Results](#)
- [Test Case Summary](#)
- [Run History](#)

5. What's next

Previous steps

Before creating or managing test plans, ensure that the required [test suites](#) are set up and properly configured.

Next steps

After creating and managing your test plans, proceed to [Results](#). In this step, you can view the test plan executions, monitor their progress, review the results, and analyze them to ensure quality and performance.

