


# TestRun Configuration

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**TestRun** allows you to test your scripts without creating actual entities on the destination side. This feature lets you preview and compare the replica before making changes in production, ensuring your configuration works as expected.

## How to Use TestRun

1. Create a **New Version** or click **Open latest Draft**.
2. Click **Edit** to start modifying your configuration.
3. Make any necessary changes to your sync rules.
4. Click **Start TestRun** to begin the simulation.



You're in draft mode now. You can edit and save and / publish this version.

Scripts  
Version 2


Start Test Run Save script X


**Outgoing script**  
From Acturus

```
1 replica.type = issue.type
2 replica.summary = issue.summary
3 replica.description = issue.description
4 replica.priority = issue.priority
5 replica.attachments = issue.attachments
6 replica.status = issue.status
7
8 //Comment these lines out if you are interested in sending the full list of versions and
9 components of the source project.
10 replica.project.versions = [ ]
11 replica.project.components = [ ]
12
13 /*
14 Custom Fields
15
16 replica.customFields."CF Name" = issue.customFields."CF Name"
17 */
18
19
20
21
22
23
24
```

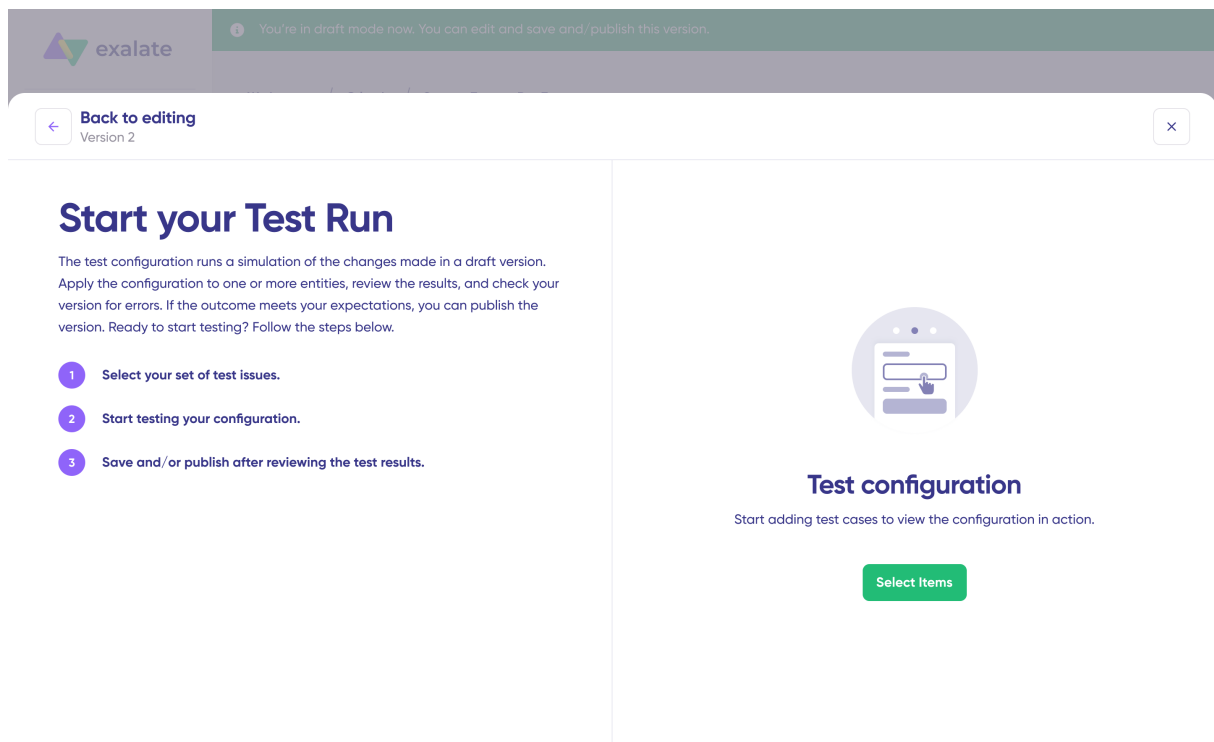
**Incoming script**  
Into Copella

```
1 if(firstSync){
2   issue.projectKey = nodeHelper.getProjectByKey("DT")
3   // Set type name from source issue, if not found set a default
4   issue.typeName = nodeHelper.getIssueTypeName(replica.type?.name)
5   ?nodeHelper.getIssueTypeName("Task")
6   issue.summary = replica.summary
7   issue.description = replica.description
8   issue.comments = commentHelper.mergeComments(issue, replica) {
9     it.executor = nodeHelper.getUserByEmail(it.author?.email)
10  }
11   issue.attachments = attachmentHelper.mergeAttachments(issue, replica)
12   issue.priority = replica.priority
13   // Define the mapping between Jira Cloud statuses and
14   GitHub statuses
15   def statusMap = [ "To Do": "open",
16                     "Done": "closed" ]
17   // Apply the status mapping
18   def remoteStatusName = replica.status.name
19   issue.setStatus(statusMap[remoteForm.StatusName] ? remoteStatusName)
20
21   /*
22   User Synchronization (Assignee/Reporter)
23
24   Set a Reporter/Assignee from the source side, if the user can't be found set a default
```

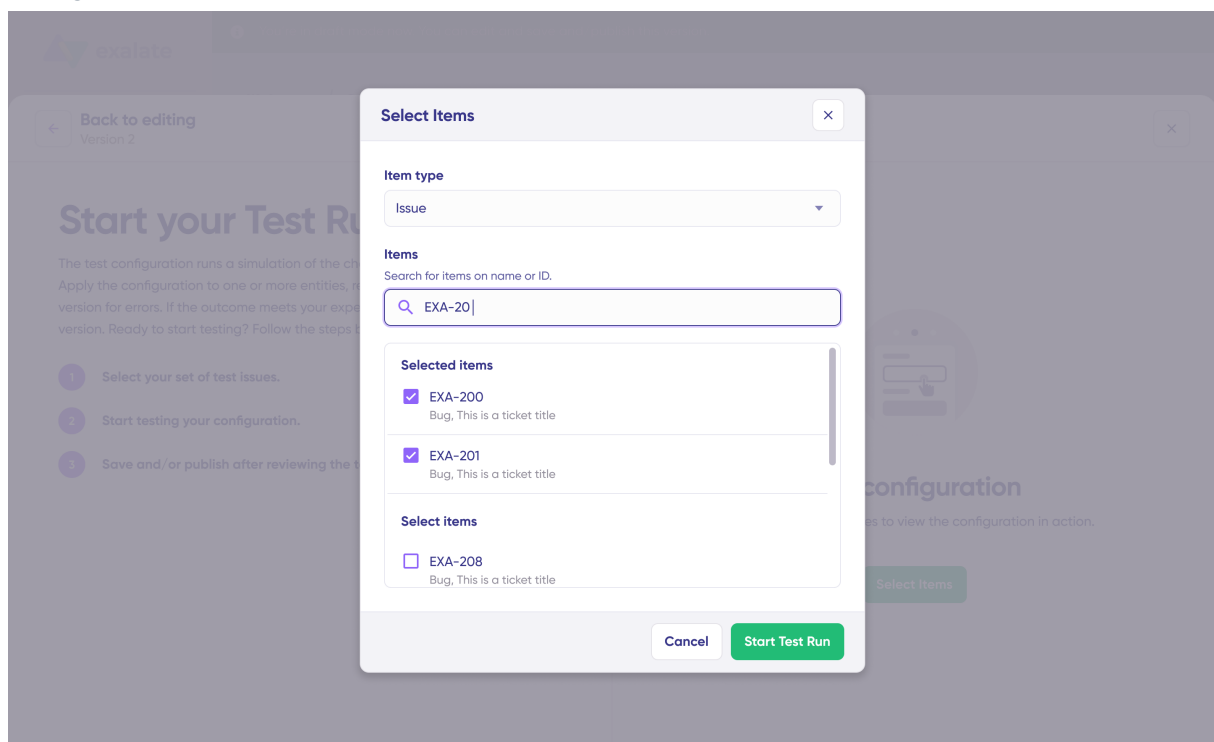
 Describe what to send from this system. e.g., Exclude attachments...

 Describe how to apply incoming data to this system. e.g., Map statuses...

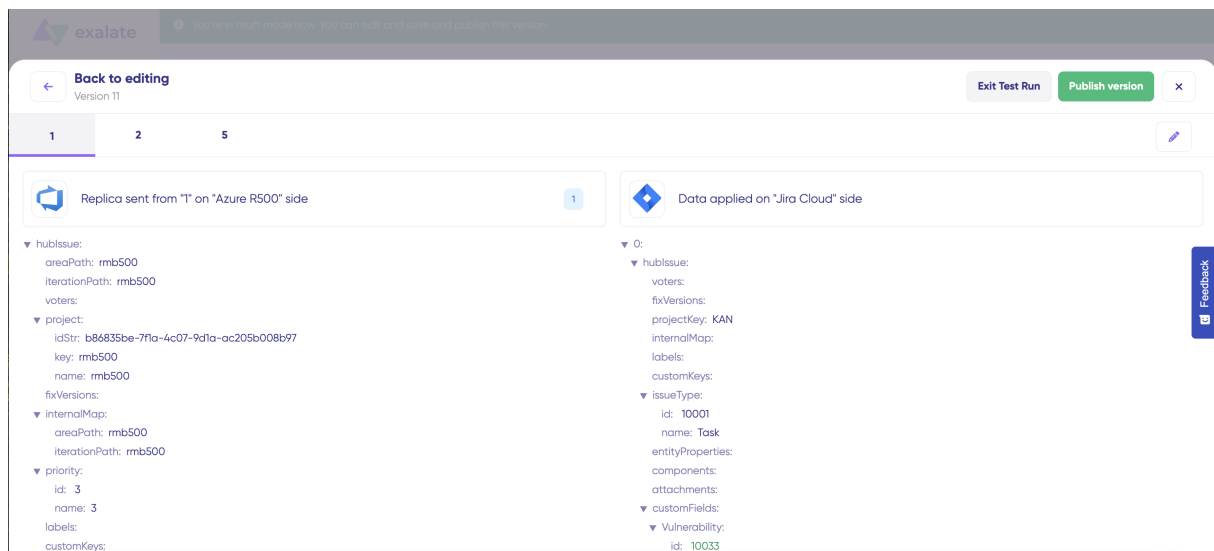
5. Click **Select Issues**



6. Search for entities by an entity key and choose one or more entities to apply the test configuration to.

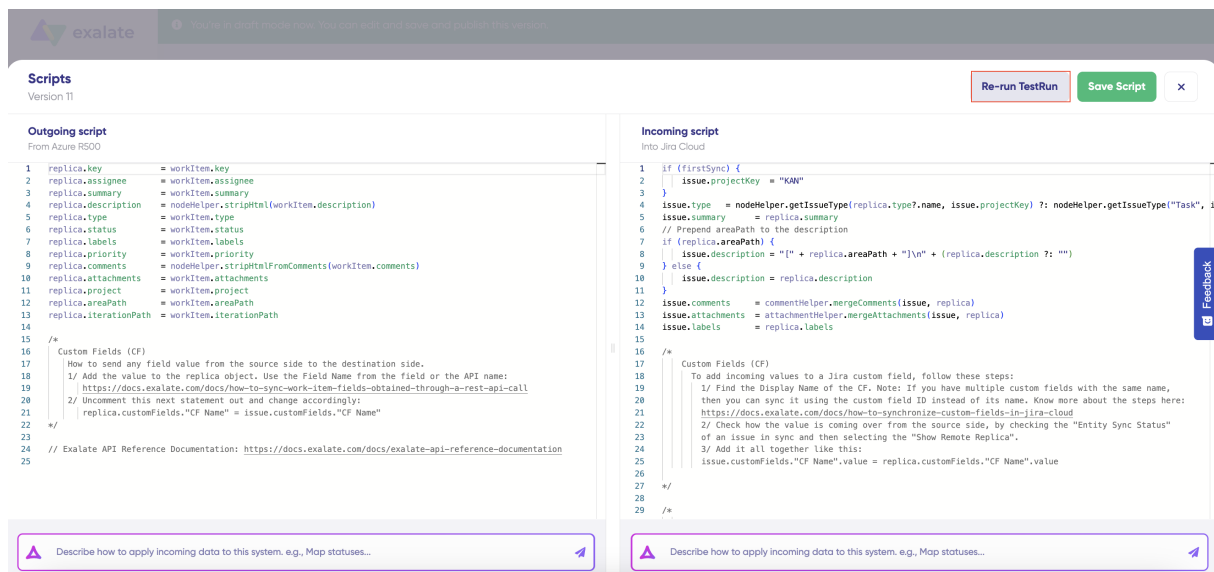


7. Click **Start TestRun** again to see the **outgoing and incoming replicas** for each selected issue.



## Refine Your Configuration

- If adjustments are needed, click **Back to Editing**, modify the scripts, and then select **Re-run TestRun** to test the new version on the same set of issues.



- To change the test issues, click the **Edit icon**, add or remove issues, and restart the TestRun.

### Product

## Finalize and Publish

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- Once satisfied with the results, click **Save Scripts** to store the changes.

- Click **Publish** to apply the updated configuration to your live synchronization.

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