**1. Configure Jenkins Job to Accept Remote Trigger**

You need to configure the Jenkins job to accept remote triggers and authenticate requests using a token.

1. **Go to Jenkins Dashboard:**
   * Open your Jenkins instance in a web browser.
2. **Select the Job to Configure:**
   * Navigate to the Jenkins job you want to trigger remotely (e.g., Ansible-Playbook-Test).
3. **Configure the Job:**
   * Click on **Configure** from the left sidebar of the job page.
4. **Enable Trigger Remote Builds:**
   * Scroll down to the **Build Triggers** section.
   * Check the option **Trigger builds remotely (e.g., from scripts)**.
5. **Set Authentication Token:**
   * In the **Authentication Token** field, enter a custom token (e.g., ansible-webhook).
   * This token will be used for authentication when triggering the job remotely

ansible-webhook

**Save the Job Configuration:**

* Scroll to the bottom and click **Save** to save the changes.

Trigger the Jenkins Job via the Webhook URL

**To Authenticate the Jenkins Job remotely , you need to follow the below steps**

1. **Create the authentication token**

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<http://35.194.68.49:8080/job/Ansible-Playbook-Test/build?token=ansible_token>

1. **Generate the API Token**

Click the Profile -- >Security ---> API Token

Add New Token

<http://35.194.68.49:8080/user/admin/security/>

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jenkinsUrl = "http://35.194.68.49:8080" # Your Jenkins server URL

username = "admin"

apiToken = "119e2eaec5345a94d408ea6a816f0d0fc7"

1. **Generate the Crumb token**

**PowerShell Script to Retrieve the Crumb token**

$jenkinsUrl = "http://35.194.68.49:8080" # Your Jenkins server URL

$username = "admin"

$apiToken = "119e2eaec5345a94d408ea6a816f0d0fc7"

# Get the Jenkins crumb

$response = Invoke-WebRequest -Uri "$jenkinsUrl/crumbIssuer/api/json" -Method Get -Headers @{

"Authorization" = "Basic " + [Convert]::ToBase64String([Text.Encoding]::ASCII.GetBytes("${username}:${apiToken}"))

}

# Extract the Jenkins crumb from the response

$crumb = ($response.Content | ConvertFrom-Json).crumb

# Output the crumb value

Write-Host "Jenkins Crumb: $crumb"

**From Dynatrace Screen**

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**Webhook URL :** [**http://35.194.68.49:8080/job/Ansible-Playbook-Test/build?token=ansible\_token**](http://35.194.68.49:8080/job/Ansible-Playbook-Test/build?token=ansible_token)

URL: http://35.194.68.49:8080/job/Ansible-Playbook-Test/build

 Authorization:

Type: Basic Auth

* Username: <your-jenkins-username>
* Password: <your-jenkins-api-token>

Headers:

Key: Jenkins-Crumb

Value: c8365ee3dccb0ca2c2756d9b77e2ec5c9f954a5b28d4468524f1d0a901a484cf

**Click Authorization**

**Username:** admin

**Value:** 119e2eaec5345a94d408ea6a816f0d0fc7

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**Add Custom Header**

**Key :Jenkins-Crumb**

**Value:**c8365ee3dccb0ca2c2756d9b77e2ec5c9f954a5b28d4468524f1d0a901a484cf

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**Get Problem Details using API**

[**https://ngj61529.live.dynatrace.com/api/v2/problems?from=now-2h&to=now&pageSize=10**](https://ngj61529.live.dynatrace.com/api/v2/problems?from=now-2h&to=now&pageSize=10)

**Headers:**

**Authorization :Api-Token dt0c01.SXEAMUPZCOPDGYMF4LSK2ZEU.O4YOSCOI7O2KGFYKZVGXL3UM6Z75LTF3LCSFWEKGVAJXFWTB6D3EOAPLBLNWXBIQ**

**If you are passing dynamic values as parameter**

**http://35.199.32.60:8080/job/docker-restart-playbook/buildWithParameters?token=ansible-token&CONTAINER\_NAME=nodemetrics&**