

Jira documentation

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Get the proper certification from the Jira site with the help of Firefox

- Download the certification from the site <https://www.atlassian.com/>
 - Copy and paste the Atlassian link above into the addressbar of Firefox and click on the padlock icon

“padlock”



- Go through the following steps to download the certification:

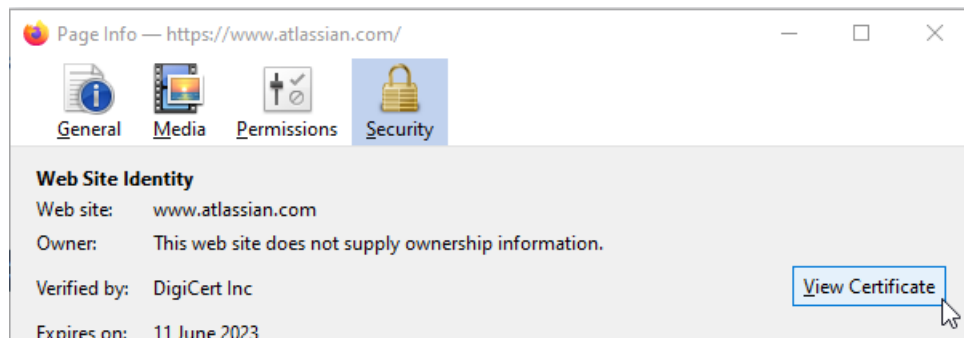
“Connection secure”



“More information”



“View Certificate”



“DigiCert TLS Hybrid ECC SHA384 2020 CA1”

Certificate



“PEM (cert)”

Miscellaneous	
Serial Number	07:F2:F3:5C:87:A8:77:AF:7A:EF:E9:47:99:35:25:BD
Signature Algorithm	SHA-384 with RSA Encryption
Version	3
Download	PEM (cert) PEM (chain)

Import Atlassian certification into the Zagreus keystore

- Import Atlassian certification into the Zagreus keystore
 - Copy certification file into Zagreus ssl directory
ssl directory path: zagreus/server/conf/ssl
 - Open Command Prompt from and navigate to the ssl directory path
 - Import certification file with the 'keytool' command. You can find further detailed description of the usage of the keytool command in the file 'KEYTOOL_COMMANDS.txt' in the ssl folder
example: `keytool -import -file /path/to/atlassian.pem -alias atlassian -keystore client.trustedservers`
 - Restart Zagreus-Worker Controller after the successful certification import

Create an API token for creating basic authorization headers

- Create an API token with your account
 - Login with your Atlassian account
 - Use the following link to create an API token:
<https://id.atlassian.com/manage-profile/security/api-tokens>
 - Click on the "Create Api Token"



You don't have any API tokens

Create API token



- From the appearing dialog, enter a memorable and concise Label for your token and click Create
- Click “Copy” then paste the token to your script, or elsewhere to save. For security reasons it isn't possible to view the token after closing the creation dialog; if necessary, create a new token.

Source: <https://support.atlassian.com/atlassian-account/docs/manage-api-tokens-for-your-atlassian-account/>

Create a basic authorization header for creating an Atlassian connection in Zagreus

- Construct basic authorization header on Linux/Unix/MacOS

```
echo -n user@example.com:api_token_string | base64
```

[user@example.com](#) : the email address you registered in Atlassian

api_token_string : API token created under you account (details in the ' Create an API token' chapter)

- Construct basic authorization header on Windows 7 and later, using Microsoft Powershell

```
$Text = 'user@example.com:api_token_string'
$Bytes = [System.Text.Encoding]::UTF8.GetBytes($Text)
$EncodedText = [Convert]::ToBase64String($Bytes)
$EncodedText
```

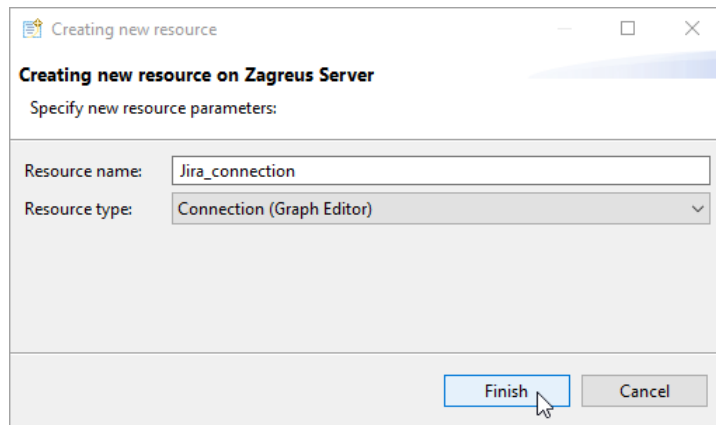
[user@example.com](#) : the email address you registered in Atlassian

api_token_string : API token created under you account (details in the ' Create an API token' chapter)

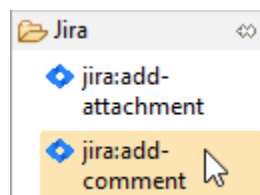
Source: <https://developer.atlassian.com/cloud/jira/platform/basic-auth-for-rest-apis/#supply-basic-auth-headers>

Create a Jira connection in Zagreus

- Creating a connection
 - Open Zagreus Client program
 - Create a new resource and select the connection option in the resource type list. Click on the finish button when you are done



- Drag the jira:connection action from the Jira group and drop into the Graph View



- Fill out the fields belong to attributes of the action



name: the name of the connection you can refer to this connection with

url: URL of the Jira installation

token: basic authorization header (details: in the 'Create a basic authorization header' chapter)

- When you created a connection and successfully saved it you can test the connection validity by clicking on the saved connection with the right button of the mouse and selecting the Test connection option