

It is not an API Testing Tool

Postman is collaboration platform for API development

Help you to Design, Share, build , test, Document APIs

Postman supports Protocols - REST, SOAP, and GraphQL

Where as CURL

Source curl.se

Website <https://www.postman.com/>

API Client

Quick and easy way to test REST, SOAP, and GraphQL requests directly within Postman.

[Read More](#)

Automated Testing

Automate manual tests and integrate them into your CI/CD pipeline to ensure that your code changes won't break the API in production.

[Read More](#)

Design & Mock

Communicate the expected behavior of an API by designing endpoints and their responses without having to set up a backend server.

[Read More](#)

Documentation

Generate and publish beautiful, readable, reusable documentation to make your API easier to consume.

[Read More](#)

Monitors

Set up monitors to check the health of your API by checking performance and response times at scheduled intervals.

[Read More](#)

Workspaces

Provide a shared workspace for building and consuming APIs, and collaborate in real time with both your team and clients.

[Read More](#)

Can use as

- Clean and Easy to use UI
- You can perform Exploratory Testing of APIs
- Dynamic request, data and Collections support
- Team workspace, sharing, mocking, monitoring of APIs
- Write test case, put them in CI/CD with newman
- Import from curl and different ways, sharing as link, explore feature

1. What is Postman?

2. Why use Postman?

3. When to use Postman?

- Context as Software Tester
- You have few API request
- You don't want to manage as code
- Team is little not well versed with code
- You want to cover API test(small collection)

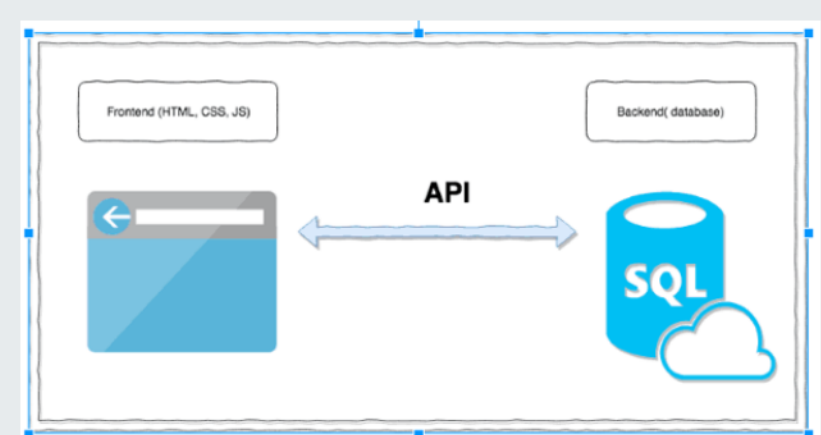
4. What are drawbacks of Postman?

- Not suitable for the larger or 1000+ API request
- For Large project its very clumsy to manage postman requests or collections
- Not suitable if you want to manage as Code, lots of duplicate code if multiple API or dynamic request are required.

5. What is an API?

API stands for the Application Programming Interface.

They are basically a collection of functions and procedures which allows us to communicate two applications or libraries.



Read more at <https://sdet.live/4Euj>

6. Can you tell alternates of Postman?

- Katalon Studio
- SoapUI
- Apigee
- Jmeter
- Tricentis Tosca
- hoppscotch.io

7. What are different HTTP Methods?

- GET
- POST
- PATCH
- PUT
- DELETE
- OPTIONS
- HEAD

8. Can you test SOAP request with POSTMAN?

- Yes
- Demo <https://sdet.live/4Eus>

9. What is GET request?

- Retrieve information from the given server using a given URI.
- Requests using GET should only retrieve data and should have no other effect on the data.

10. What is POST request?

- A POST request is used to send data to the server, for example, customer information, file upload, etc. using HTML forms.

11. What is Patch Request?

- Partial Update to the target resource

12. What is Put request?

- Replaces all current representations of the target resource with the uploaded content.

13. What is Delete request?

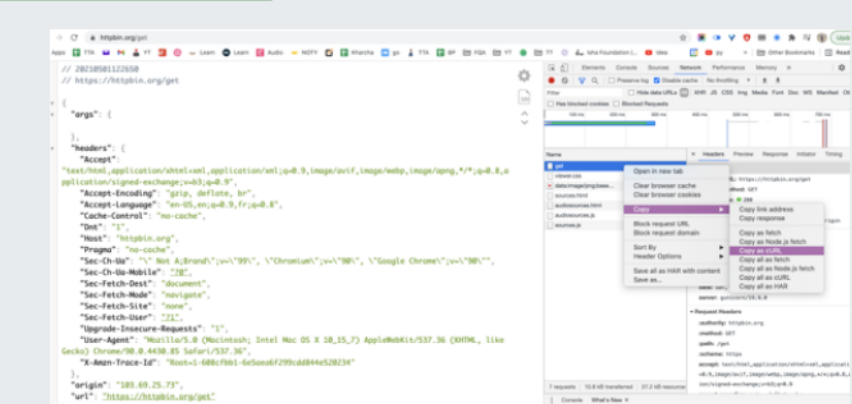
- Removes all current representations of the target resource given by a URI.

14. What is HEAD http method?

- Same as GET, but transfers the status line and header section only.

15. What you validate in API Response?

- Status Code
- Response Body
- Headers

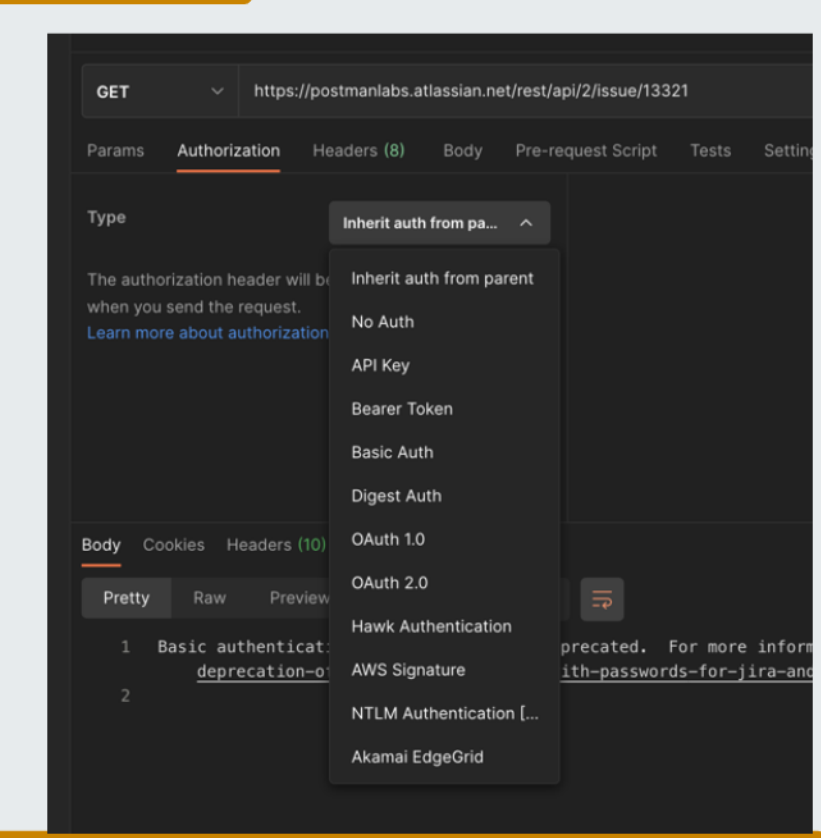


Postman Interview Questions & Answers

16. How do import request from dev tools to Postman?

- No auth
- Basic
- Digest
- Bearer Token
- AWS Signature
- NTLM
- OAuth1,2
- API key

17. What type of Authentication supports Postman?



<https://scrolltest.com/2018/11/22/how-to-handle-authentications-with-postman/>

18. What is Basic Auth, How to perform in Postman ?

- Basic access authentication is a method for an HTTP user agent (e.g. a web browser) to provide a username and password when making a request. In the example, <https://learning.postman.com/docs/sending-requests/authorization/#basic-auth>

19. What is digest auth?, How to perform in POSTMAN?

- In the Digest Auth. method username and password are sent over the web after applying some hash functions, Therefore which makes it more secure over network.
- <https://learning.postman.com/docs/sending-requests/authorization/#digest-auth>

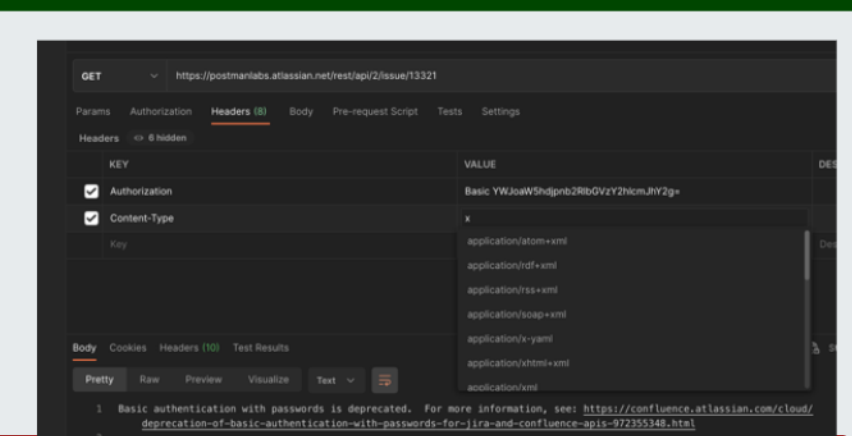
20. What is bearer token? And How to use it with POSTMAN?

- Bearer tokens allow requests to authenticate using an access key, such as a JSON Web Token (JWT).

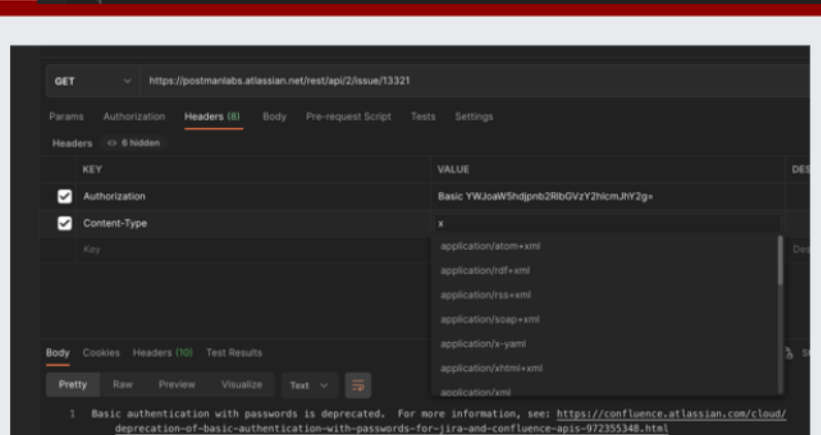
21. What is OAuth 1.0 & 2.0:- and How to do it with POSTMAN?

- They are the way for Internet users to grant websites or applications access to their information on other websites but without giving them the passwords.
- <https://learning.postman.com/docs/sending-requests/authorization/#oauth-10>
- <https://learning.postman.com/docs/sending-requests/authorization/#oauth-20>

22. How to add Headers in POSTMAN?



23. What is content-type Headers and How to use in Postman?



24. How to add Cookies in Postman?

25. What is Workspace in Postman?

26. What is Collection in Postman?

27. What is Monitor of Collection in Postman?

28. What is Mocking in Postman?

29 How to export the Postman request as Code?

30 How to Add test case verification in Postman?

31. What is Pre Script and Post Script?

- Pre Script - Code you want to run before

32. How to send the raw, binary, x-www-form-urlencoded, form data in POST request in Postman?

- <https://stackoverflow.com/questions/26723467/postman-chrome-what-is-the-difference-between-form-data-x-www-form-urlencoded>

33. How to use GraphQL in postman?

- Similar to POST request with the GraphQL variables , Values

34. What is environment and How export it?

35. What are different type of variables in Postman?

- Local
- Global
- Collection
- Data
- Env

36. How can we stop executing requests or stop the collection run?

- postman.setNextRequest(null);

37. What are some of the JS libraries available in Postman?

- Lodash
- ChaiJS
- Moment, GUID

38. What is Postman Console?

39. How to add Proxy to Postman?

40 How to enable ssl Verification in Postman?

41. What is Collection Runner in Postman?