

# Getting Started with REST Using Postman

## Setting up the Desktop App

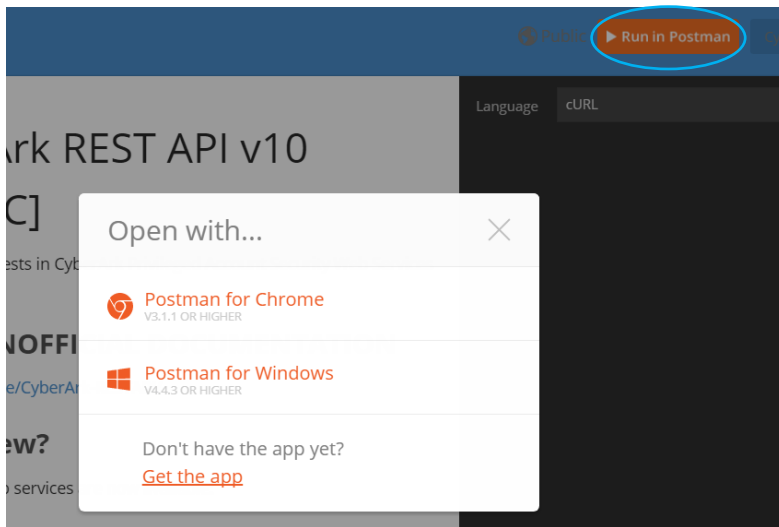
### Step 1: Accessing the Postman Page

Navigate to the CyberArk REST API Postman page

<https://cybr.rocks/RESTAPIv10>

### Step 2: Downloading & Running the App

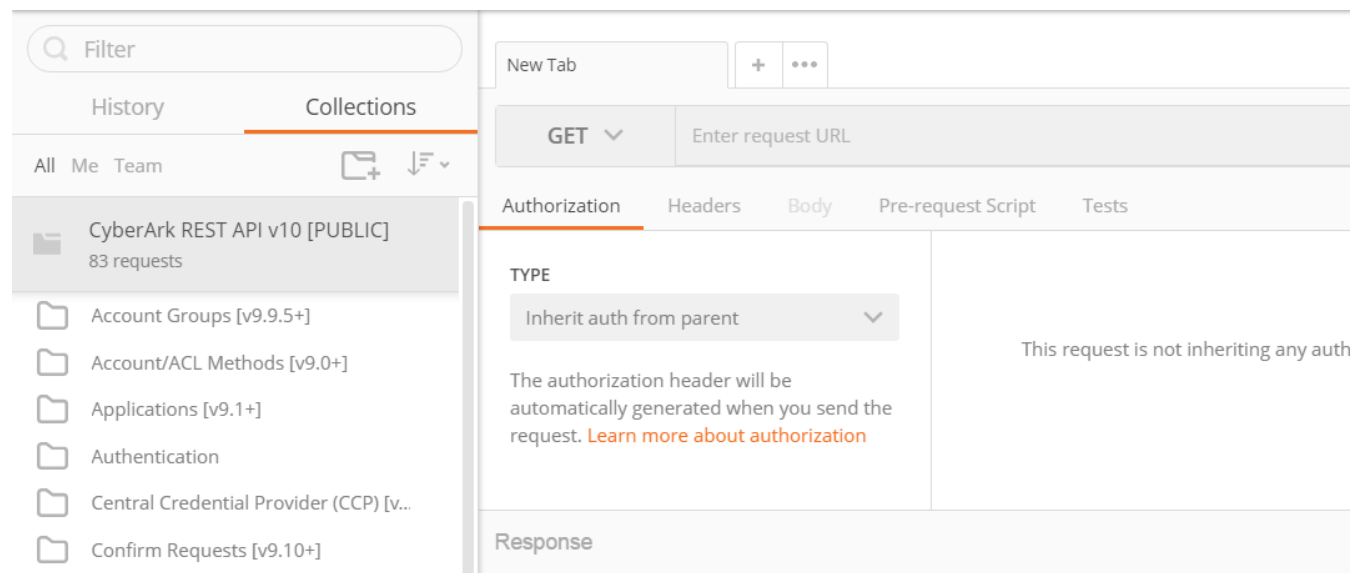
Select "Run in Postman" and download the required software. The desktop app is recommended as the chrome extension is being deprecated. Once the Postman app has been installed click on the selected method to open the collection under the "Open with..." screen pictured below.



\*Note sometimes chrome settings won't play nice with this and it may be easiest to use internet explorer.

### Step 3: Navigating to the Collection

Click on collections to display the CyberArk REST Collection

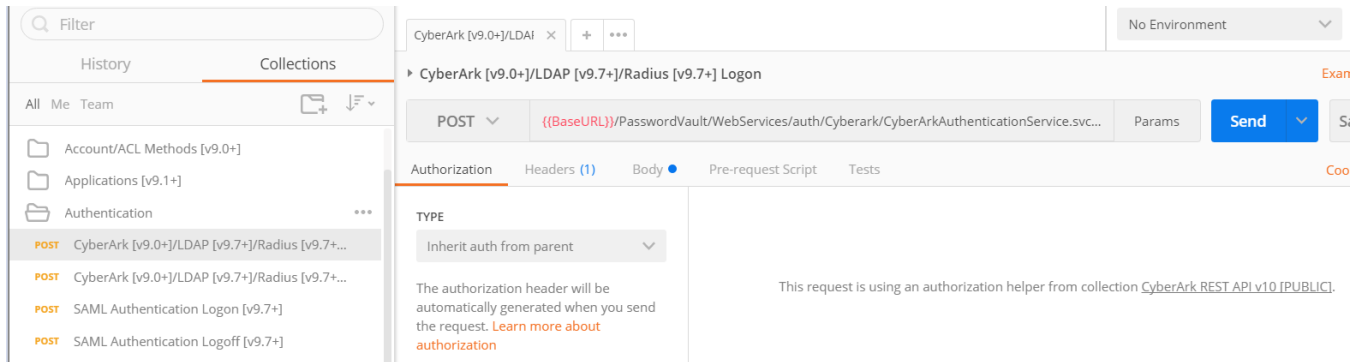


## Authenticating

In order to begin interacting with the vault, it is necessary to authenticate to obtain a session token.

### Step 1: Selecting a Logon Method

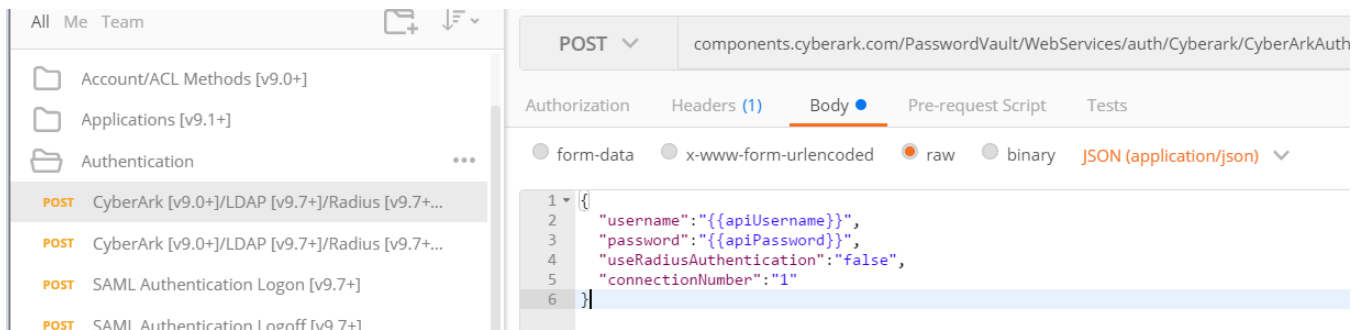
Select the proper logon method below and replace the `{{BaseURL}}` parameter with your PVWA Address. If you would prefer to set this as a variable, please see [Declaring Environment Variables](#) below



The screenshot shows the Postman interface with a REST client request configured. The URL is `components.cyberark.com/PasswordVault/WebServices/auth/Cyberark/CyberArkAuthenticationService.svc...`. The request type is `POST`. The body is set to `raw` with `JSON (application/json)` selected. The body content is a JSON object with the following fields: `username`, `password`, `useRadiusAuthentication`, and `connectionNumber`. The `Send` button is highlighted.

### Step 2: Specifying Logon Credentials

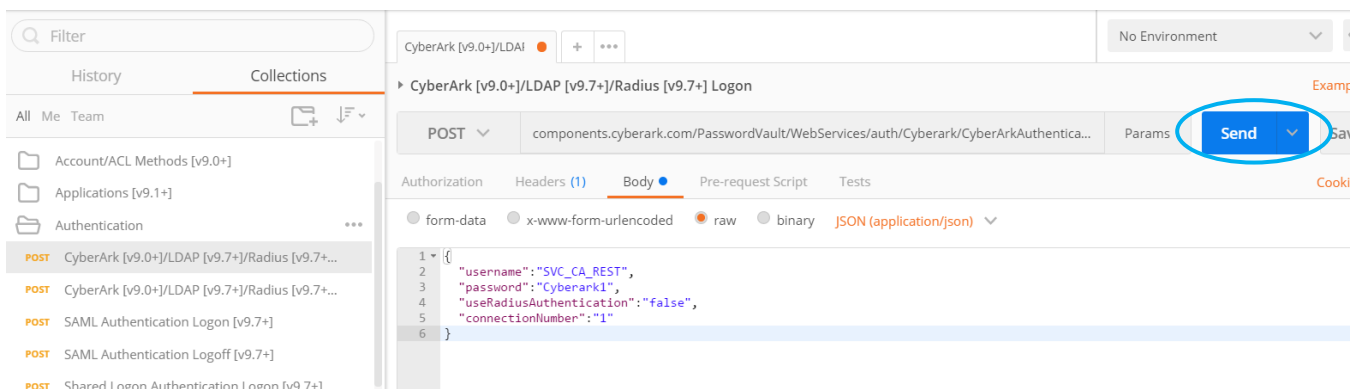
In the body section, specify the username and password of an account that can authenticate to the vault in place of the `{{apiUsername}}` & `{{apiPassword}}` parameters.



The screenshot shows the Postman interface with the body of the REST client request. The body is set to `raw` with `JSON (application/json)` selected. The body content is a JSON object with the following fields: `username`, `password`, `useRadiusAuthentication`, and `connectionNumber`. The `Send` button is highlighted.

### Step 3: Testing Authentication

Hit "Send" to test the authentication.



The screenshot shows the Postman interface with a REST client request configured. The URL is `components.cyberark.com/PasswordVault/WebServices/auth/Cyberark/CyberArkAuthenticat...`. The request type is `POST`. The body is set to `raw` with `JSON (application/json)` selected. The body content is a JSON object with the following fields: `username`, `password`, `useRadiusAuthentication`, and `connectionNumber`. The `Send` button is highlighted.

**Important!!** While this method can work for testing, it is highly advised to use a tool such as CyberArk's **Application Identity Manager (AIM)** to pull credentials programmatically from the vault to eliminate any privileged credentials from being hard coded when put into scripts & code.

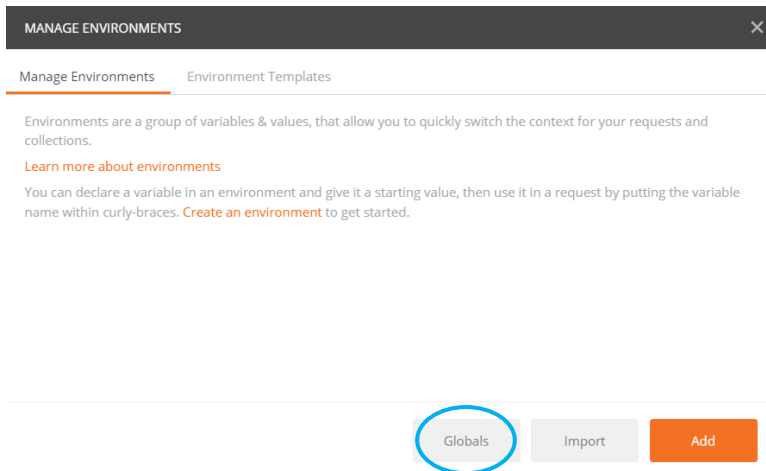
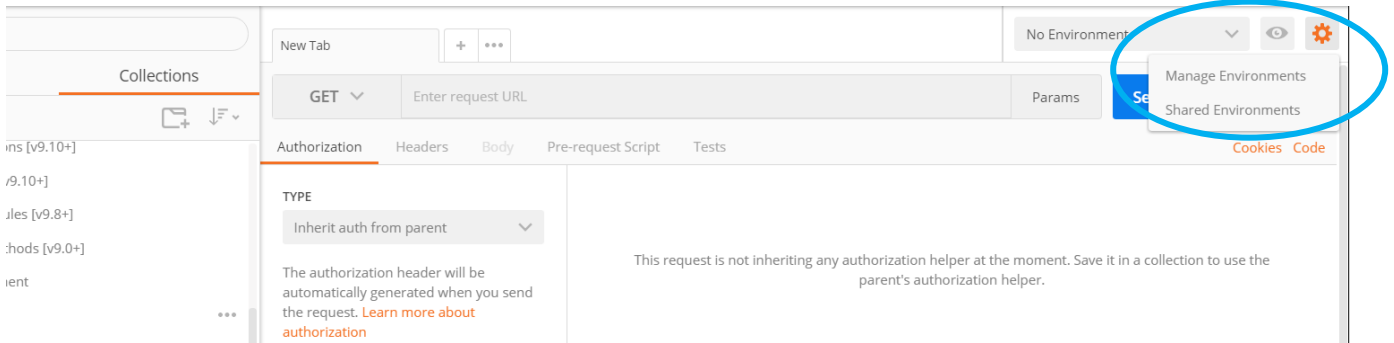


## Declaring Environment Variables

Declaring environment variables will enable us to call a variable as opposed to manually typing them in

### Step 1: Navigating to the Environment Manager

Select the gear icon on the top right hand side of the page and choose manage environments. While it is possible to create specific environments, we are just going to add to global variables for our purposes.



### Step 2: Declaring the Variables

Declare desired variables and save your changes. You should notice the color change from red to orange if you have done this properly.

