

# Web API Integration

## URL

ProcureCheck XDev web api URL:

<https://xdev.procurecheck.co.za/api/api/v1/>

The help page is: <https://xdev.procurecheck.co.za/api/help>

## Authentication

<https://xdev.procurecheck.co.za/api/api/v1/authenticate>

JSON Web Tokens (JWT) are used to authenticate any web api requests that require a login.

Each JWT token will only last 20 minutes.

Authentication example:

POST

{{url}}/api/authenticate

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

☐ none

☐ form-data

☒ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

KEY	VALUE
<input checked="" type="checkbox"/> username	pgupta@uj.ac.za
<input checked="" type="checkbox"/> password	PCtestxdev1
Key	Value

Body

Cookies

Headers (9)

Test Results

Pretty

Raw

Preview

Visualize

JSON

```
1 "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.  
eyJ1bm1ldWVfbmFtZSI6ImBndXB0YU81ai5hYy56YSIsIm5hbWVpZCI6IjRlbnRhOGIwLWFjYyYtNGViMy1iODUyLTVM2NjEzXzhwIjozNTk1ODUzMDA5LCJpcyQiOiJE1OTU4NTE4MDksIm1zcyI6Imh0dHA6Ly9sb2NhbgHvc3QilLCjhdWQioiJYREVMIno  
:"
```

The JWT token must be included as a header in any authenticated request as below:

GET

{{url}}/api/dashboard/employeeRMXBarGraph?employeeStatusFilter=1

Params

Authorization

**Headers (8)**

Body

Pre-request Script

Tests

Settings

Headers

Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1bmlxdWVibmFzZSI6ImRhcjJlb5sb3V3Q

## Add Vendor

The below request shows how to add a CIPC vendor. The minimum fields are:

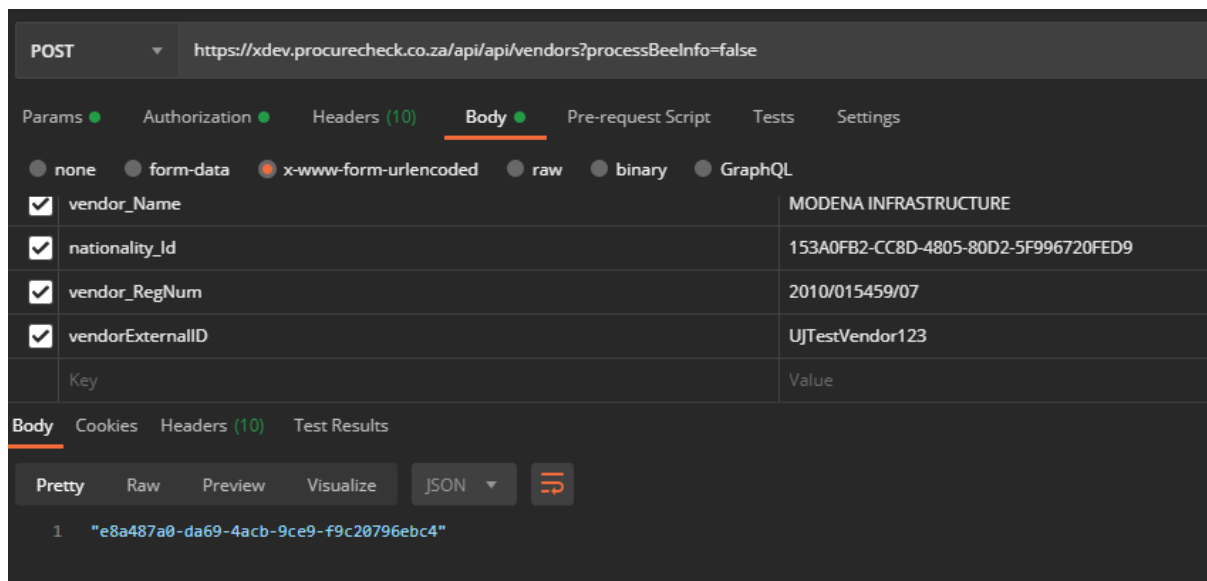
- vendor\_Name
- nationality\_Id (South Africa: **153A0FB2-CC8D-4805-80D2-5F996720FED9**)
- processBeelInfo (Leave as false if you are not running BEE verification)
- vendor\_RegNum (Company registration number on CIPC)
- vendorExternalID (Your chosen unique vendor reference ID used to link back to your external system)

If your client has opted in for BEE checks, then set “processBeelInfo=true”

Otherwise, set “processBeelInfo=false”

Note: The nationality ID can be set to South Africa’s ID, which is: **153A0FB2-CC8D-4805-80D2-5F996720FED9**

After creating a vendor, the response will contain a GUID for their ProcureCheckVendorID, which you will need to store and later use to identify a vendor when making future requests for that particular vendor.



## Add Employee

The below request shows how to add n employee. The minimum fields are:

- employee\_FirstName
- employee\_LastName
- nationality\_Id (South Africa: **153A0FB2-CC8D-4805-80D2-5F996720FED9**)
- employee\_IdNum (ID number of the person)
- employee\_Designation
- employee\_UniqueID (Your chosen unique employee reference ID used to link back to your external system)

Note: The nationality ID can be set to South Africa's ID, which is: **153A0FB2-CC8D-4805-80D2-5F996720FED9**

After creating an employee, the response will contain a GUID for their ProcureCheckEmployeeID, which you will need to store and later use to identify an employee when making future requests for that particular employee.

**POST** <https://xdev.procurecheck.co.za/api/api/employees>

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

KEY	VALUE
<input checked="" type="checkbox"/> employee_FirstName	Joe
<input checked="" type="checkbox"/> employee_LastName	Soap
<input checked="" type="checkbox"/> nationality_Id	153A0FB2-CC8D-4805-80D2-5F996720FED9
<input checked="" type="checkbox"/> employee_IdNum	9102154126894
<input checked="" type="checkbox"/> employee_Designation	Testing
<input checked="" type="checkbox"/> employee_Uniqueld	UJTestEmployee123
Key	Value

**Body** Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```
1 {"ef226ea6-862b-4b4a-aaee-c1403187ed45"}
```

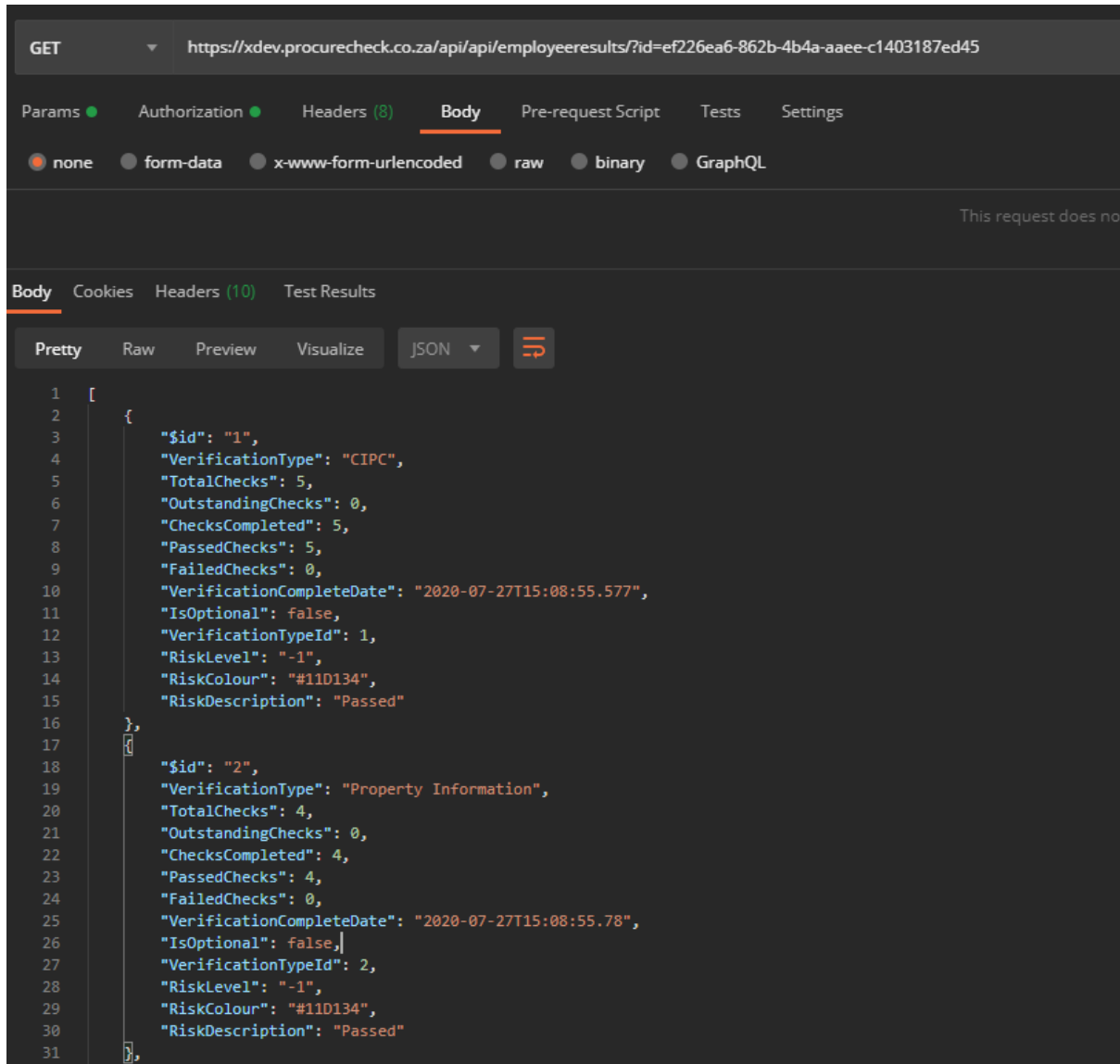
# Results

## Employee results summary

To get a basic over-view of all of a specific employee's checks, call the following method:

[https://xdev.procurecheck.co.za/api/api/v1/employeeerresults/?id=\(ProcureCheckEmployeeID\)](https://xdev.procurecheck.co.za/api/api/v1/employeeerresults/?id=(ProcureCheckEmployeeID))

The id query parameter comes from the response when first creating the employee (See "Create Employee" section image response body)



## Employee Verification Results

To get a detailed report on a specific employee's results for each verification, use the below methods:

- CIPC: <https://xdev.procurecheck.co.za/api/api/v1/employeeerresults/cipc/?id=ef226ea6-862b-4b4a-aaee-c1403187ed45>

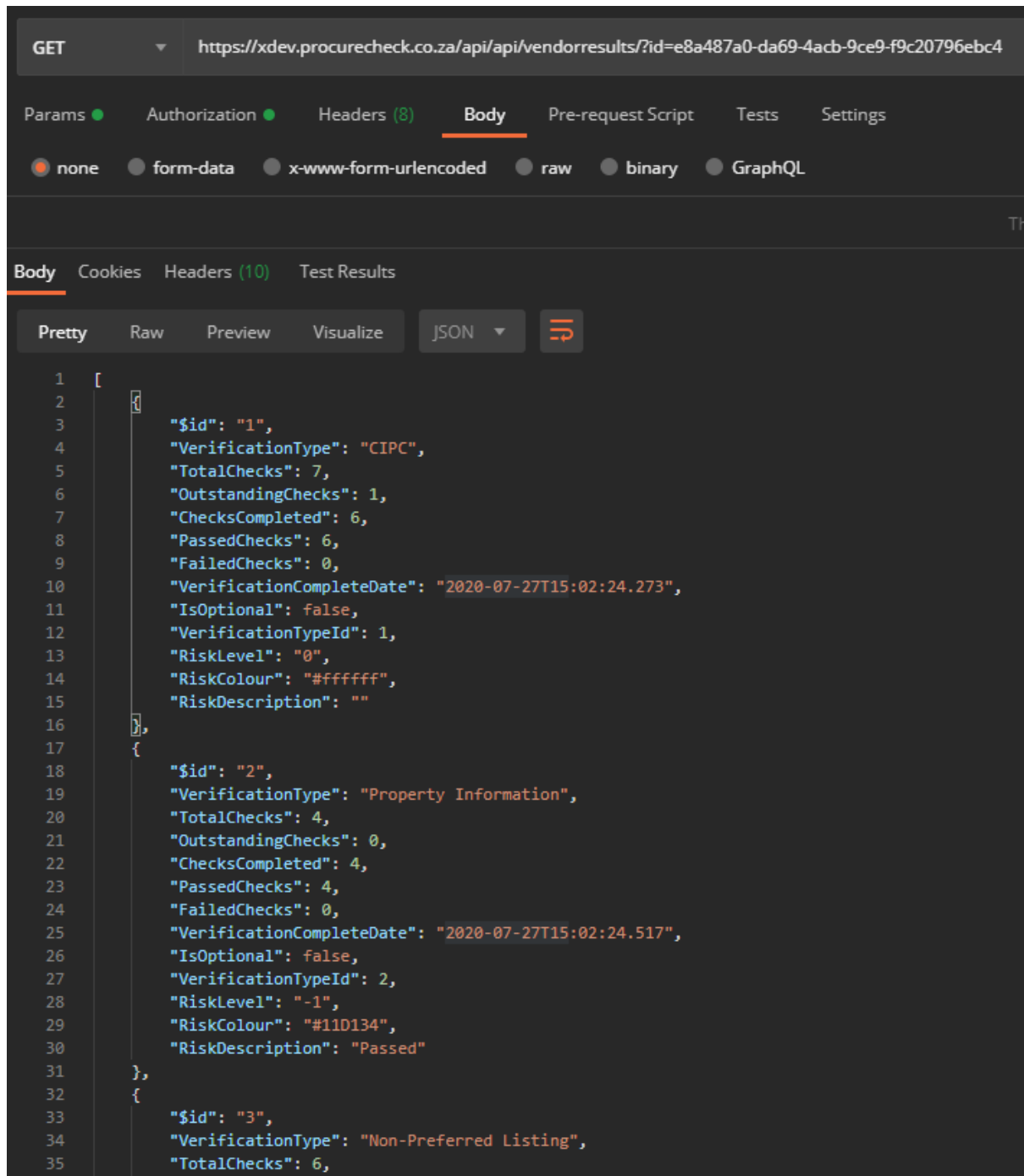
- Property: <https://xdev.procurecheck.co.za/api/api/v1/employeeresults/property/?id=ef226ea6-862b-4b4a-aaee-c1403187ed45>
- Restricted List: <https://xdev.procurecheck.co.za/api/api/v1/employeeresults/nonpreferred/?id=ef226ea6-862b-4b4a-aaee-c1403187ed45>
- Persal: <https://xdev.procurecheck.co.za/api/api/v1/employeeresults/persal/?id=ef226ea6-862b-4b4a-aaee-c1403187ed45>
- SAFPS: <https://xdev.procurecheck.co.za/api/api/v1/employeeresults/safps/?id=ef226ea6-862b-4b4a-aaee-c1403187ed45>

## Vendor results summary

To get a basic over-view of all of a specific vendor's checks, call the following method:

[https://xdev.procurecheck.co.za/api/api/v1/vendorresults/?id=\(ProcureCheckEmployeeID\)](https://xdev.procurecheck.co.za/api/api/v1/vendorresults/?id=(ProcureCheckEmployeeID))

The id query parameter comes from the response when first creating the employee (See "Create Vendor" section image response body)



## Vendor Verification Results

To get a detailed report on a specific vendor's results for each verification, use the below methods:

- CIPC: <https://xdev.procurecheck.co.za/api/api/v1/vendorresults/cipc/?id=e8a487a0-da69-4acb-9ce9-f9c20796ebc4>
- Property: <https://xdev.procurecheck.co.za/api/api/v1/vendorresults/property/?id=e8a487a0-da69-4acb-9ce9-f9c20796ebc4>
- Restricted List: <https://xdev.procurecheck.co.za/api/api/v1/vendorresults/nonpreferred/?id=e8a487a0-da69-4acb-9ce9-f9c20796ebc4>
- Persal: <https://xdev.procurecheck.co.za/api/api/v1/vendorresults/persal/?id=e8a487a0-da69-4acb-9ce9-f9c20796ebc4>
- SAFPS: <https://xdev.procurecheck.co.za/api/api/v1/vendorresults/safps/?id=e8a487a0-da69-4acb-9ce9-f9c20796ebc4>
- SARS: <https://xdev.procurecheck.co.za/api/api/v1/vendorresults/sars/?id=e8a487a0-da69-4acb-9ce9-f9c20796ebc4>
- Judgments: <https://xdev.procurecheck.co.za/api/api/v1/vendorresults/judgement/?id=e8a487a0-da69-4acb-9ce9-f9c20796ebc4>