ProcureCheck - API Integration Guide

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Introduction

This document provides comprehensive guidance for integrating with the ProcureCheck API, enabling seamless access to vendor and employee management functionalities. It outlines authentication processes, endpoints, payload structures, and examples for efficient interaction with the system. Key features include:

- Vendor and employee management (create, update, and retrieve records).
- Vendor and employee check results for compliance and risk assessment.
- Summary and detailed reporting capabilities for vendors and employees.
- Notifications management for improved operational insights.

Designed for developers and system integrators, this guide ensures a smooth implementation of ProcureCheck's robust API capabilities to meet diverse business needs.

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Base URL

ProcureCheck XDev web API URL:
https://xdev.procurecheck.co.za/api/api/v1/

Help Document URL

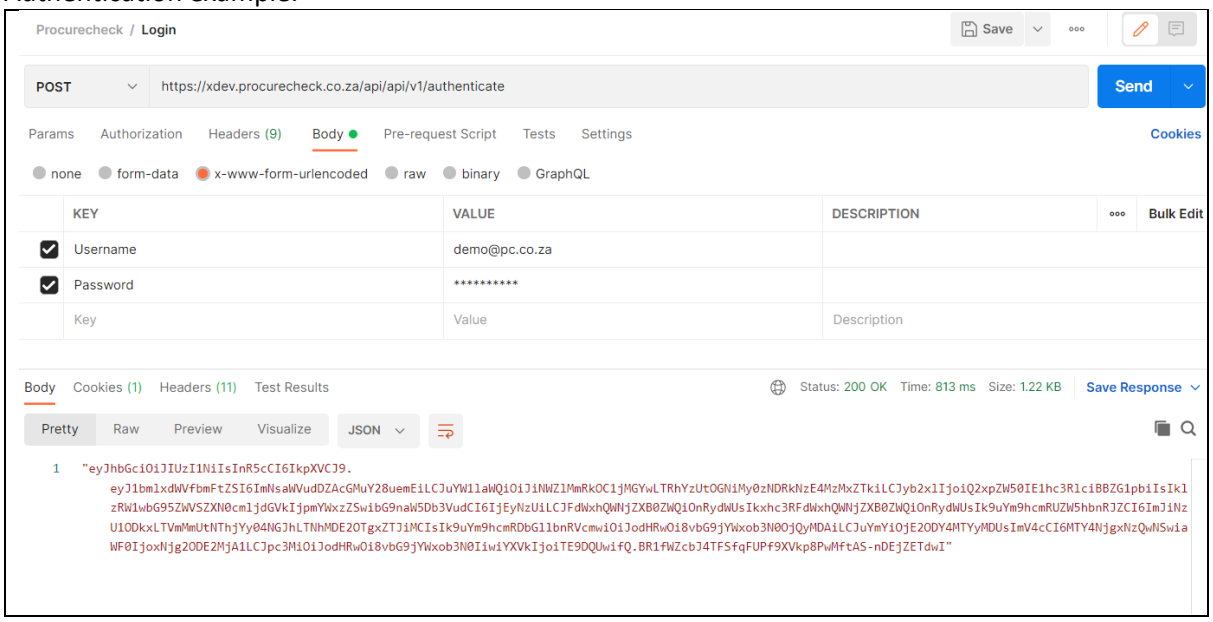
https://xdev.procurecheck.co.za/api/Help

Authentication

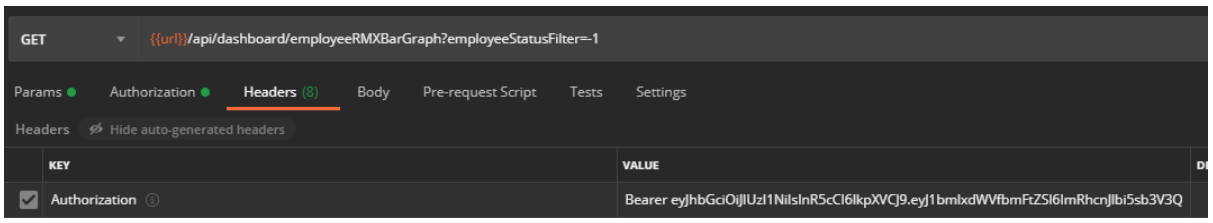
End Point - https://xdev.procurecheck.co.za/api/api/v1/authenticate
Method - POST

JSON Web Tokens (JWT) are used to authenticate any web API requests that require a login.
Token validity is 30 minutes

Authentication example:



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



Add Vendor

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendors?processBeeInfo=false
Method - POST
This method is utilized to create a new vendor in ProcureCheck.

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

Full payload to add a vendor

```
{
  "vendor_Name": "Demo",
  "nationality_Id": "153a0fb2-cc8d-4805-80d2-5f996720fed9",
  "vendor_Type": "4",
  "vendor_VatNum": null,
  "vendor_IncomeTaxNum": null,
  "vendor_RegNum": "",
  "vendor_BankName": null,
  "vendor_BankAccountTypeID": null,
  "vendor_AccountNum": null,
  "vendor_AccountName": null,
  "vendor_PhysicalAddress1": null,
  "vendor_PhysicalPostCode": null,
  "vendor_PostalAddress1": null,
  "vendor_PostalPostCode": null,
  "vendor_ContactNum": null,
  "vendorExternalID": null,
  "vendor_Comments": null,
  "VendorDirectors": []
}
```

Create CIPC Vendor

To add CIPC vendor below is the minimum required payload

```
{
  "vendor_Name": "Demo",
  "vendor_Type": "4",
  "vendor_RegNum": "",
  "nationality_Id": "153a0fb2-cc8d-4805-80d2-5f996720fed9",
  "vendor_VatNum": null,
  "vendorExternalID": null
}
```

Create Trust Vendor

To add trust vendor, below is the minimum required payload

```
{
  "vendor_Name": "Demo",
  "vendor_Type": "17",
  "vendor_RegNum": "IT000000/2024(E)",
  "nationality_Id": "153a0fb2-cc8d-4805-80d2-5f996720fed9",
```

```
  "vendor_VatNum": null,
  "vendorExternalID": null,
  "vendor_AuthorizationDate": null,
  "vendor_MasterOffice": null
}
```


nationality_Id (South Africa: **153A0FB2-CC8D-4805-80D2-5F996720FED9)**
processBeeInfo (Leave as false if you are not running BEE verification)
vendor_RegNum (Company registration number on CIPC/ for trust it's File number)
ExternalVendorId (Your chosen unique vendor reference ID used to link back to your external system)
Vendor_AuthorizationDate (You must send the UTC equivalent of your local date and time.)

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

Create Sole Prop/Partnership Vendor

To add Sole prop/partnership vendor, below is the minimum required payload

Director needs to be included as part of the HTTP request payload.
Sole props must have 1 director and no registration number.


```
{
 "vendor_Name": "Demo",
 "vendor_Type": "2",
 "vendor_RegNum": "",
 "nationality_Id": "153a0fb2-cc8d-4805-80d2-5f996720fed9",
 "vendor_VatNum": null,
 "vendorExternalID": null,
 "VendorDirectors": [
  {
   "director_FirstName": "test",
   "director_LastName": "director",
   "IsIdNumber": true,
   "director_IdNum": "2011115800083",
   "DateOfBirth": null,
   "PassportIssueDate": null,
   "PassportExpiryDate": null,
   "PassportIssueCountryId": null,
   "director_ContactNum": "",
  }
 ]
}
```

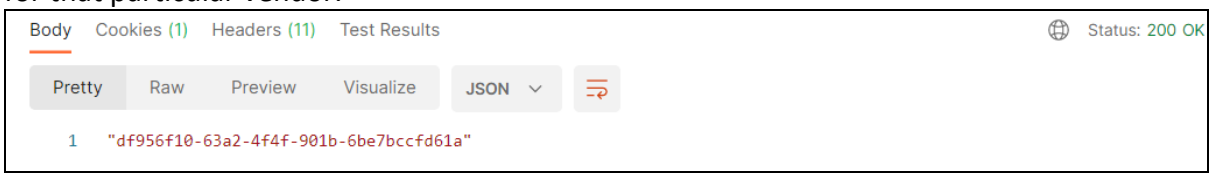

In the director array, if you select **IsIdNumber** as true, you need to provide the ID number in the **director_IdNum** key.

If you select **IsIdNumber** as false, you need to provide the passport number in the **director_IdNum** key, and **DateOfBirth**, **PassportIssueDate**, **PassportExpiryDate**, and **PassportIssueCountryId** are required fields.

To add Partnerships, the director needs to be included as part of the HTTP request payload. Partnerships must have 1 or more directors and no registration number.

To add bank details **vendor_BankName, vendor_BankAccountTypeID, vendor_AccountNum, vendor_AccountName** are required

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.



Reference Data

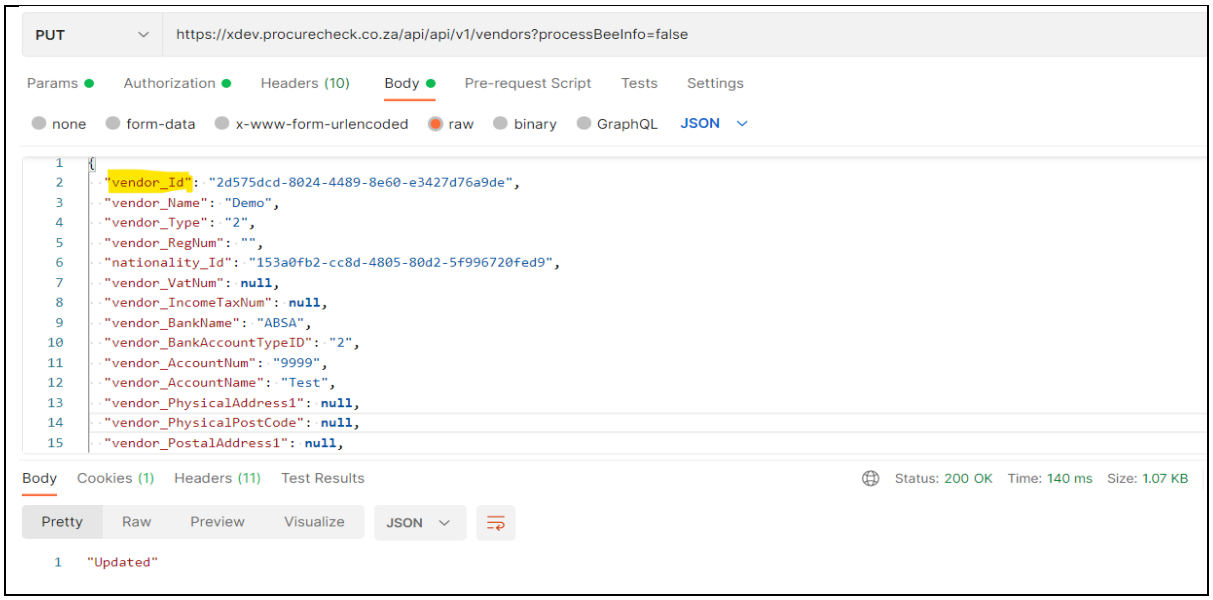
vendor_Type	vendor_BankAccountTypeID	vendor_BankName
Partnership = 1, SoleProprietary = 2, Public = 3, Private = 4, CC = 5, Article21 = 6, LimitedbyGuarantee = 7, ExternalCompany = 8, NonProfitExternalCompany = 9, PersonalLiabilityCompany = 10, Unlimited = 11, PrimaryCoOperative = 12, SecondaryCoOperative = 13, TertiaryCoOperative = 14, StateOwnedCompany = 15, StatutoryBody = 16 Trust=17	CURRENT = 2 SAVINGS = 3 TRANSMISSION = 4	ABSA African Bank Capitec Bank Limited FNB Investec Nedbank Limited (Nedbank) Standard Bank Discovery Bank Sasfin

vendor_MasterOffice	
Bisho Masters Office Bloemfontein Masters Office Cape Town Masters Office Durban Masters Office Grahamstown Masters Office Johannesburg Masters Office Kimberley Masters Office Mafikeng Masters Office	Mthatha Masters Office Nelspruit Masters Office Pietermaritzburg Masters Office Polokwane Masters Office Port Elizabeth Masters Office Pretoria Masters Office Thohoyandou Masters Office

Update Vendor

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendors?processBeeInfo=false
Method - PUT

To update vendor, you need to include **vendor_Id** in payload



Get Vendors List

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendors/getlist
Method - POST
This method is used to retrieve a list of vendors with pagination. Each page contains 10 records. The page size can be adjusted based on your specific needs.

Required payload to get vendors list

```
{
  "QueryParams": {
    "Conditions": [
      {
        "ColumnName": "FullName",
        "Operator": "Contains",
        "Value": ""
      },
    ],
    "PageIndex": 0,
    "PageSize": 10,
    "SortColumn": "Created",
    "SortOrder": "Descending"
  }
}
```

Full payload to get vendors list


```
{
  "QueryParams": {
    "Conditions": [
      {  "ColumnName": "FullName",
        "Operator": "Contains",
        "Value": ""
      },
      {  "ColumnName": "IdOrNumber",
        "Operator": "Contains",
        "Value": ""
      },
      {  "ColumnName": "UniqueIdentifier",
        "Operator": "Contains",
        "Value": ""
      }
    ],
    "PageIndex": 0,
    "PageSize": 10,
    "SortColumn": "Created",
    "SortOrder": "Descending"
  },
  "IsActive": null
}
```

Vendor check results summary

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendorresults?id={VendorID}
Method - GET
This method is used to retrieve a summary of all checks for a specific vendor. It provides information about the number of checks that have passed and the number of checks that have failed.

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

To retrieve each check related passed and failed results, you can use the following methods:

CIPC Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendorresults/cipc?id={VendorID}
Method - GET

Property Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendorresults/property?id={VendorID}
Method - GET

Restricted/nonpreferred Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendorresults/nonpreferred?id={VendorID}
Method - GET

Judgement Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendorresults/judgement?id={VendorID}
Method - GET

SAFPS Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendorresults/safps?id={VendorID}
Method - GET

PERSAL Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendorresults/persal?id={VendorID}
Method - GET

Trust Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/vendorresults/doj?id={VendorID}
Method - GET

Optional Checks

Diligence
Credit
Bank
BEE
World Compliance

Add Employee

End Point - https://xdev.procurecheck.co.za/api/api/v1/employees
Method - POST
This method is utilized to create a new employee in ProcureCheck.

Minimum Required payload to create Employee

```
{
   "employee_FirstName": "Demo",
   "employee_LastName": "Employee",
   "nationality_Id": "153a0fb2-cc8d-4805-80d2-5f996720fed9",
   "IsIdNumber": true,
   "employee_IdNum": "0000000000000",
   "employee_Designation": "API Test",
   "employee_DOB": "1920-04-03",
   "employee_UniqueId": null
}
```

nationality_Id (South Africa: **153A0FB2-CC8D-4805-80D2-5F996720FED9)**
employee_IdNum (ID number of the person)
employee_UniqueId (Your chosen unique employee reference ID used to link back to your external system)

In the required payload, if you select **IsIdNumber** as true, you need to provide the ID number in the **employee_IdNum** key.

If you select **IsIdNumber** as false, you need to provide the passport number in the **employee_IdNum** key and **employee_DOB**, **employee_PassportIssueDate**, **employee_PassportExpiryDate**, and **PassportIssueCountryId** are required fields.

```
{
   "employee_FirstName": "api",
   "employee_LastName": "2",
   "nationality_Id": "0a9bddda-fe54-4765-b8be-fcfd8f6eede9",
   "IsIdNumber": false,
   "employee_IdNum": "669666",
   "employee_PassportIssueDate": "6/21/2023",
   "employee_PassportExpiryDate": "6/30/2023",
   "PassportIssueCountryId": "f045ea73-b17d-4205-bced-2459157e65e7",
   "employee_Designation": "tt",
   "employee_DOB": "2023-06-18",
   "employee_UniqueId": null,
}
```

To add bank details while creating employee, **employee_BankName, employee_BankAccountTypeID, employee_AccountNum, employee_AccountName, employee_BankInitials** are required

To Add Bank Details while creating an employee


```
{
    "employee_FirstName": "API",
    "employee_LastName": "test",
     "nationality_Id": "153a0fb2-cc8d-4805-80d2-5f996720fed9",
     "IsIdNumber": true,
     "employee_IdNum": "2004034800086",
     "employee_DOB": "1920-04-03",
     "employee_Designation": "test",
     "employee_AccountName":"66666",
     "employee_AccountNum":"2222",
     "employee_BankAccountTypeID:"2",
     "employee_BankInitials:"ku",
     "employee_BankName": "ABSA",
     "employee_UniqueId": ""
}
```

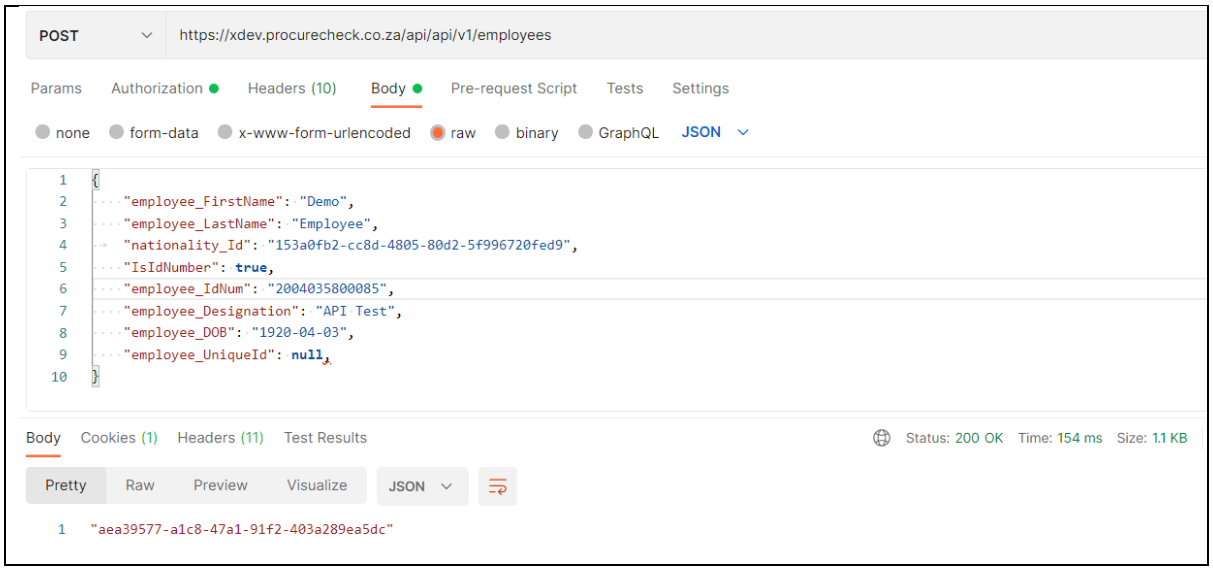

To Add Next of Kin while creating an employee


```
{
     "employee_FirstName": "Demo",
     "employee_LastName": "Employee",
     "nationality_Id": "153a0fb2-cc8d-4805-80d2-5f996720fed9",
     "IsIdNumber": true,
     "employee_IdNum": "0000000000000",
     "employee_Designation": "API Test",
     "employee_DOB": "1920-04-03",
     "employee_UniqueId": null,
     "NextOfKins": [
                {
                   "nextofkin_FirstName": "satish",
                   "nextofkin_LastName": "kumar",
                   "IsIdNumber": true,
                   "nextofkin_IdNum": "2004035800085",
                   "nextofkin_Relationship": "Brother"
                }
        ]
}
```


Reference Data

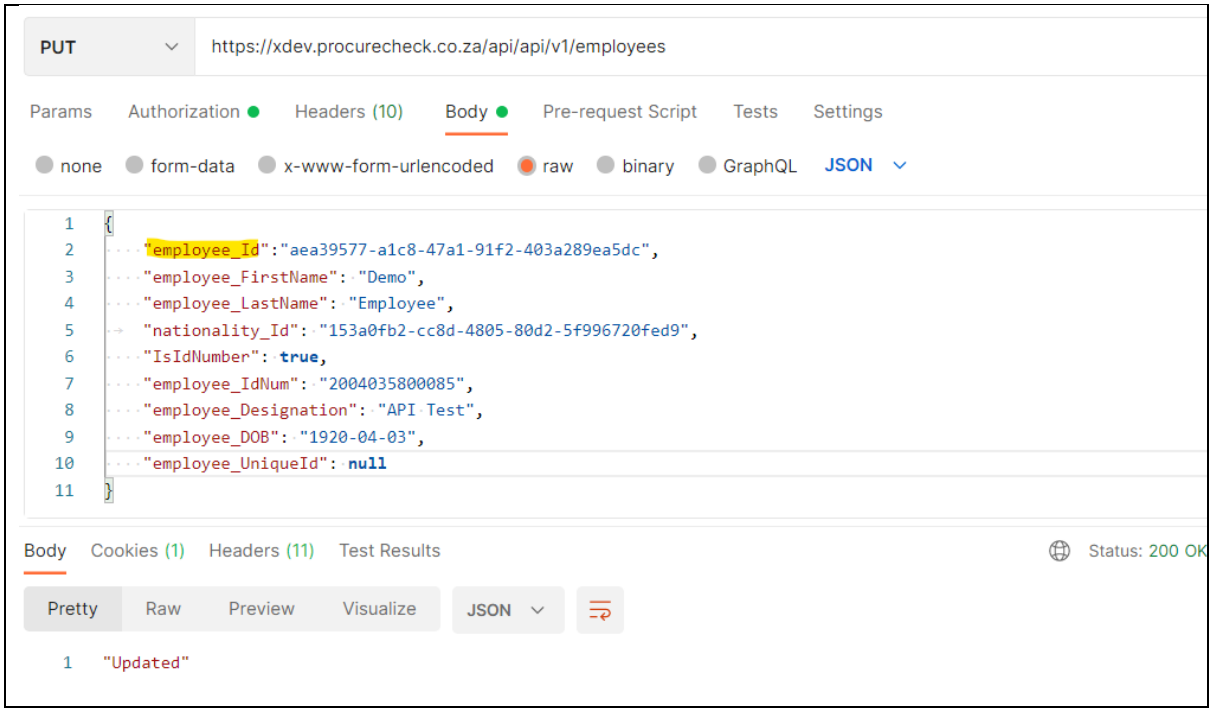
employee_BankAccountTypeID	employee_BankName
CURRENT = 2 SAVINGS = 3 TRANSMISSION = 4	ABSA African Bank Capitec Bank Limited FNB Investec Nedbank Limited (Nedbank) Standard Bank Discovery Bank Sasfin

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.



Update Employee

End Point - https://xdev.procurecheck.co.za/api/api/v1/employees
Method - PUT
To update employee, you need to include **employee_Id** in payload



Employee check results summary

End Point - https://xdev.procurecheck.co.za/api/api/v1/employeeresults?id={EmployeeID}
Method - GET
This method is used to retrieve a summary of all checks for a specific employee. It provides information about the number of checks that have passed and the number of checks that have failed.

To retrieve each check related passed and failed results, you can use the following methods:

CIPC Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/employeeresults/cipc?id={EmployeeID}
Method - GET

Property Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/employeeresults/property?id={EmployeeID}
Method - GET

Restricted/nonpreferred Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/employeeresults/nonpreferred?id={EmployeeID}
Method - GET

SAFPS Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/employeeresults/safps?id={EmployeeID}
Method - GET

PERSAL Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/employeeresults/persal?id={EmployeeID}
Method - GET

Bank Check Result

End Point - https://xdev.procurecheck.co.za/api/api/v1/employeeresults/bank?id={EmployeeID}
Method - GET

Vendor Summary Reports

Vendor directors or members are directors of other active Vendors

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=5
Method - GET

Vendors with business status other than 'In Business'

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=3
Method - GET

Vendors with CIPC alert (Vendor name does not match with CIPC data)

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=4
Method - GET

Vendors with conflicts with Employees

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=6
Method - GET

Vendors who failed Property checks

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=9
Method - GET

Vendors who failed Restricted List Checks

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=2
Method - GET

Vendors that share same vat number

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=14
Method - GET

Vendors who failed Legal Judgment checks

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=20
Method - GET

Vendors who failed SAFPS checks

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=8
Method - GET

Vendor Persal List

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=16
Method - GET

Vendors that share the same bank account

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=12
Method - GET

Vendors who failed Bank Verification checks

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=19
Method - GET

Vendors with new alerts after being accepted

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=26
Method - GET

Vendor Audit Report

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=31
Method - GET

Vendor Judgement Report

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=36
Method - GET

Employee Summary Reports

Employees who are co-directors of the same companies

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=21
Method - GET

Employees with business interests

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=1
Method - GET

Employees with or without business interests

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=17
Method - GET

Employees who failed Property checks

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=11
Method - GET

Employees who failed Restricted List Checks

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=22
Method - GET

Employees who failed SAFPS checks

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=10
Method - GET

Employee Persal List

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=15
Method - GET

Employees that share the same bank account with vendors

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=13
Method - GET

Employees who failed Bank Verification Checks

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=18
Method - GET

Employees with Next of Kin Details

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=27
Method - GET

Employee Audit Report

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=32
Method - GET

Risk Matrix Reports

Employee Risk Rankings

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=23
Method - GET

Vendor Risk Rankings

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=24
Method - GET

Other Reports

World Compliance Report

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=33
Method - GET

Usage Report

End Point - https://xdev.procurecheck.co.za/api/api/v1/detailedreports?id=25
Method - GET

Notifications

New Notifications (unread notifications)

End Point - https://xdev.procurecheck.co.za/api/api/v1/notifications/getlist
Method - POST

Required payload to get un read notifications list

```
{
  "QueryParams": {
    "Conditions": [
      {
        "ColumnName": "Message",
        "Operator": "Contains",
        "Value": ""
      }
    ],
    "PageSize": 100,
    "SortColumn": "CreationTime",
    "SortOrder": "Descending"
  },
  "IsActive": false
}
```

Notifications History (Read notifications)

End Point - https://xdev.procurecheck.co.za/api/api/v1/notifications/getlist
Method - POST

Required payload to get read notifications list

```
{
  "QueryParams": {
    "Conditions": [
      {
        "ColumnName": "Message",
        "Operator": "Contains",
        "Value": ""
      }
    ],
    "PageSize": 10,
    "SortColumn": "CreationTime",
    "SortOrder": "Descending"
  },
  "IsActive": true
}
```

Mark Notification as Read

End Point - https://xdev.procurecheck.co.za/api/api/v1/notifications/updateNotificationById?Id={Notification ID}

Method - GET

Mark All Notifications as Read

End Point - https://xdev.procurecheck.co.za/api/api/v1/notifications/updateAllNotificationStatus

Method - GET