29 Sep 2022

# CVLKRA API Intermediaries (SEBI registered) Web Services

Arun Narasimhan
CDSL VENTURES LIMITED

Public

Revision History

| Version Number | Revision Date | Change details |
|---|---|---|
| V1.0 | 6th November 2020 | Base document |
| V2.0 | 4th April 2017 | IOP- Phase 2 Single API for KYC download from all KRAs |
| V3.0 | 23rd September 2021 | IOP- Phase 2 Standardization of KYC download structure across all KRAs |
| V4.0 | 9th September 2022 | Implementation of changes related<br>a. SEBI Circular April 2022<br>b. Introducing New KRA in to the ecosystem (BSE KRA) |
| V4.0 | 29th September 2022 | IPV Exempted remarks cleared |

## Contents

URL ..... 4
GetPassword ..... 5
Description ..... 5
Method ..... 5
Request Attributes ..... 5
Response ..... 5
GetPANStatus ..... 6
Description ..... 6
Method ..... 6
Request Attributes ..... 6
Response ..... 6
Error Response ..... 7
Response Attributes ..... 8
Error Codes ..... 11
SolicitPANDetailsFetchALLKRA ..... 12
Description ..... 12
Method ..... 12
Request Attributes ..... 12
Response Attributes ..... 13
InsertUpdateKYCRecord ..... 14
Description ..... 14
Method ..... 14
Request Attributes ..... 14
Response Attributes ..... 14
Error Codes ..... 15
Pre-requisite ..... 15

## URL

UAT: https://krapancheck.cvlindia.com/CVLPanInquiry.svc

Production: https://pancheck.www.kracvl.com/CVLPanInquiry.svc

# GetPassword

## Description

This web service is used to get the encryption of the user password using the user specified hashing key. The encrypted password and the passkey are to be used in any method that is being called in the web service. The user is advised to get the encrypted password for each and every request separately.

## Method

**GetPassword**

## Request Attributes

| Input Fields | Description |
|---|---|
| Password | The password of the user in CVLKRA Application |
| PassKey | The user defined key for encrypting the password can be Alpha / Numeric combination |

### Response


```
<GetPasswordResponse xmlns="https://krapancheck.cvlindia.com" xmlns:xsd="http://www.w3.org/2001/XMLSch
ema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
<GetPasswordResult>
<APP_RES_ROOT xmlns="">
<APP_GET_PASS>KXaJeH8RKCmxOKCu5g6m4g!3d!3d</APP_GET_PASS>
</APP_RES_ROOT>
</GetPasswordResult>
</GetPasswordResponse>
```

# GetPANStatus

## Description

This web service is used to get the details of PAN along with the status of the same present in the CVLKRA system as well as all other KRAs.
Single Pan per request is allowed.

## Method

**GetPANStatus**

## Request Attributes

| Input Parameters | Description |
|---|---|
| panNo | The PAN No for which the details are requested. |
| username | The authorized user id of the CVLKRA system enabled to use the web services |
| PosCode | The POS Code to which the user id is attached to |
| Password | The encrypted password fetched by the user using the GetPassword Method of the web services |
| PassKey | The key used to generate the encrypted password |

### Response


```
<GetPanStatusResponse xmlns="https://krapancheck.cvlindia.com/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<GetPanStatusResult>
<APP_RES_ROOT xmlns="">
        <APP_PAN_INQ>
                <APP_PAN_NO>AJSPB1234T</APP_PAN_NO>
                <APP_NAME>ABC</APP_NAME>
                <APP_STATUS>002</APP_STATUS>
                <APP_STATUSDT>13/12/2016 16:16:15</APP_STATUSDT>
                <APP_ENTRYDT>03/01/2012 14:01:02</APP_ENTRYDT>
                <APP_MODDT>15/12/2017 10:06:03</APP_MODDT>
                <APP_STATUS_DELTA/>
                <APP_UPDT_STATUS>001</APP_UPDT_STATUS>
                <APP_HOLD_DEACTIVE_RMKS/>
                <APP_UPDT_RMKS/>
                <APP_KYC_MODE>1</APP_KYC_MODE>
                <APP_IPV_FLAG>Y</APP_IPV_FLAG>
                <APP_UBO_FLAG/>
```

```
        <APP_PER_ADD_PROOF/>
        <APP_COR_ADD_PROOF/>
        </APP_PAN_INQ>
        <APP_PAN_SUMM>
                <BATCH_ID>03/04/2019 13:04:16</BATCH_ID>
                <APP_RESPONSE_DATE>03/04/2019 13:04:16</APP_RESPONSE_DATE>
                <APP_TOTAL_REC>1</APP_TOTAL_REC>
        </APP_PAN_SUMM>
</APP_RES_ROOT>
</GetPanStatusResult>
</GetPanStatusResponse>
```


## Error Response


```
<APP_RES_ROOT>
   <APP_PAN_INQ>
        <ERROR>
                <ERROR_CODE>WEBERR-001</ERROR_CODE>
                <ERROR_MSG>Invalid User ID / PosCode / Password / Access Privilege Not
Set</ERROR_MSG>
        </ERROR>
  </APP_PAN_INQ>
</APP_RES_ROOT>
```

## Response Attributes

| Output Parameters | Description |
|---|---|
| APP_PAN_NO | The PAN No for which the details are requested. |
| APP_NAME | KYC Holder Name |
| APP_STATUS | KYC Status in codes |

| Status Description | CVLKRA | NDML | DOTEX | CAMS | KARVY | BSE |
|---|---|---|---|---|---|---|
| Not Checked with respective KRA | 000 | 100 | 200 | 300 | 400 | 500 |
| Submitted | 001 | 101 | 201 | 301 | 401 | 501 |
| KRA Verified | 002 | 102 | 202 | 302 | 402 | 502 |
| Hold | 003 | 103 | 203 | 303 | 403 | 503 |
| Rejected | 004 | 104 | 204 | 304 | 404 | 504 |
| Not available | 005 | 005 | 005 | 005 | 005 | 005 |
| Deactivated | 006 | 106 | 206 | 306 | 406 | 506 |
| KRA Validated | 007 | 107 | 207 | 307 | 407 | 507 |
| Existing KYC Submitted | 011 | 111 | 211 | 311 | 411 | 511 |
| Existing KYC Verified | 012 | 112 | 212 | 312 | 412 | 512 |
| Existing KYC hold | 013 | 113 | 213 | 313 | 413 | 513 |
| Existing KYC Rejected | 014 | 114 | 214 | 314 | 414 | 514 |
| KYC REGISTERED WITH CVLMF | 022 | | | | | |
| Not Checked with Multiple KRA | | 888 | 888 | 888 | 888 | 888 |
| Invalid PAN NO Format | 999 | 999 | 999 | 999 | 999 | 999 |

| | |
|---|---|
| APP_STATUSDT | KYC Status Last Updated Date |
| APP_ENTRYDT | KYC Creation Date |
| APP_MODDT | Modification date , if any |
| APP_UPDT_STATUS | Status of Modification Request |

| Status Description | CVLKRA | NDML | DOTEX | CAMS | KARVY | BSE |
|---|---|---|---|---|---|---|
| Not Checked with Respective KRA | 000 | 100 | 200 | 300 | 400 | 500 |
| Modification Under Process | 001 | 101 | 201 | 301 | 401 | 501 |
| Modification Registered | 002 | 102 | 202 | 302 | 402 | 502 |
| Modification Hold | 003 | 103 | 203 | 303 | 403 | 503 |
| Modification Rejected | 004 | 104 | 204 | 304 | 404 | 504 |
| Not available (will not be displayed) | 005 | 105 | 205 | 305 | 405 | 505 |
| Deactivated | 006 | 106 | 206 | 306 | 406 | 506 |
| Modification Validated | 007 | 107 | 207 | 307 | 407 | 507 |

| Output Parameters | Description |
|---|---|
| | Not Checked with Multiple KRA \| 888 \| 888 \| 888 \| 888 \| 888 |
| APP_HOLD_DEACTIVE_RMKS | Hold / Deactivate Remarks |
| APP_UPDT_RMKS | Modification hold / reject remarks |
| APP_KYC_MODE | e-KYC is applicable only for New Individual KYC |

| Code | Description |
|---|---|
| 0 | Normal KYC |
| 1 | e-KYC with OTP |
| 2 | e-KYC with Biometric |
| 3 | Online Data Entry and IPV |
| 4 | Offline KYC - Aadhaar |
| 5 | Digi locker |
| | If No value present (Blank), treat as Normal KYC |

APP_IPV_FLAG

In person verification

| Code | Description | Remarks |
|---|---|---|
| Y | Yes | |
| N | No | |
| E | Exempted | |

APP_STATUS_DELTA

Missing Field Details

| Code | Description |
|---|---|
| 00 | All mandatory fields available |
| 01 | Name of the Applicant not available |
| 02 | Fathers / Spouse Name not available |
| 03 | Gender not available |
| 04 | Marital Status not available |
| 05 | DOB not available |
| 06 | Nationality not available |
| 07 | Residential Status not available |
| 08 | Proof of Identity not available |
| 09 | Correspondence Address not available |
| 10 | Proof of Correspondence Address not available |
| 11 | Permanent Address not available |
| 12 | Proof of Permanent Address not available |
| 13 | Applicants Signature not available |
| 14 | IPV details not available |
| 15 | Date of Incorporation not available |
| 16 | Place of Incorporation not available |
| 17 | Date of commencement of business not available |
| 18 | Status (Non Individual) not available |
| 19 | Number of Promoters/Partners/Karta/Trustees and whole time directors not available |

| Output Parameters | Description |
|---|---|
| | 20 Name of related person not available<br>21 Relation with Applicant not available<br>22 Permanent Address of Related person not available<br>23 KYC Image is incomplete<br>24 Contact details are not available |
| APP_UBO_FLAG | UBO Flag details<br>**Code** / **Description**<br>Y Yes<br>N No<br>In case UBO detail not available, BLANK value will be passed |
| APP_PER_ADD_PROOF<br>APP_COR_ADD_PROOF | Indicates the Address proof submitted is Aadhaar or Non-Aadhaar based<br>**Code** / **Description**<br>01 PASSPORT<br>02 DRIVING LICENSE<br>03 LATEST BANK PASSBOOK<br>04 LATEST BANK ACCOUNT STATEMENT<br>05 LATEST DEMAT ACCOUNT STATEMENT<br>06 VOTER IDENTITY CARD<br>07 RATION CARD<br>08 REGISTERED LEASE / SALE AGREEMENT OF RESIDENCE<br>09 LATEST LAND LINE TELEPHONE BILL<br>10 LATEST ELECTRICITY BILL<br>11 GAS BILL<br>12 REGISTRATION CERTIFICATE ISSUED UNDER SHOPS AND ESTABLISHMENTS ACT<br>13 FLAT MAINTENANCE BILL<br>14 INSURANCE COPY<br>15 SELF DECLARATION BY HIGH COURT / SUPREME COURT JUDGE<br>16 POWER OF ATTORNEY GIVEN BY FII/SUB-ACCOUNT TO THE CUSTODIANS (WHICH ARE DULY NOTARISED AND/OR APOSTILED OR CONSLUARISED) GIVING REGISTERED ADDRESS.<br>17 PROOF OF ADDRESS ISSUED BY SCHEDULED COMMERCIAL BANKS / SCHECULED CO-OPERATIVE BANKS / MULTINATIONAL FOREIGN BANKS.<br>18 PROOF OF ADDRESS ISSUED BY ELECTED REPRESENTATIVES TO THE LEGISTLATIVE ASSEMBLY<br>19 PROOF OF ADDRESS ISSUED BY PARLIAMENT |

| Output Parameters | Description | |
|---|---|---|
| | 20 | PROOF OF ADDRESS ISSUED BY ANY GOVERNMENT / STATUTORY AUTHORITY |
| | 21 | PROOF OF ADDRESS ISSUED BY NOTARY PUBLIC |
| | 22 | PROOF OF ADDRESS ISSUED BY GAZETTED OFFICER |
| | 23 | ID CARD WITH ADDRESS ISSUED BY CENTRAL / STATE GOVERNMENT |
| | 24 | ID CARD WITH ADDRESS ISSUED BY STATUTORY / REGULATORY AUTHORITIES |
| | 25 | ID CARD WITH ADDRESS ISSUED BY PUBLIC SECTOR UNDERTAKINGS |
| | 26 | ID CARD WITH ADDRESS ISSUED BY SCHECULDED COMMERCIAL BANKS |
| | 27 | ID CARD WITH ADDRESS ISSUED BY PUBLIC FINANCIAL INSTITUTIONS |
| | 28 | ID CARD WITH ADDRESS ISSUED BY COLLEGES AFFILIATED TO UINVERSITIES |
| | 29 | ID CARD ISSUED BY PROFESSIONAL BODIES SUCH AS ICAI, ICWAI, ICSI, BAR COUNCIL, ETC. TO THEIR MEMBERS |
| | 31 | AADHAAR |
| | 32 | ANY OTHER PROOF OF ADDRESS |

## Error Codes

| Error Code | Description |
|---|---|
| WEBERR-001 | Invalid User ID / PosCode / Password / Access Privilege Not Set |
| WEBERR-002 | Invalid XML |
| WEBERR-005 | UNKNOWN ERROR |
| WEBERR-006 | Invalid Record Count |
| WEBERR-007 | Invalid Batch Size |
| WEBERR-008 | Invalid / Expired Batch No. |
| WEBERR-009 | Invalid RTA Code (APP_RTA_CODE) provided |
| WEBERR-010 | Invalid Intermediary Code (APP_POS_CODE) provided |
| WEBERR-011 | Invalid KRA Code (APP_KRA_CODE) provided |
| WEBERR-012 | Invalid DOB (APP_DOB_INCORP) PROVIDED |
| WEBERR-013 | You are not allowed to fetch the details |
| WEBERR-014 | Invalid OTHKRA Code (APP_OTHKRA_CODE) provided |
| WEBERR-015 | Access Limit exceeded |

# SolicitPANDetailsFetchALLKRA

## Description

This web service is used to get the full details of PAN present in the CVLKRA system as well as Other KRA.
The web service accepts single request at each time.

## Method

**SolicitPANDetailsFetchALLKRA**

## Request Attributes

| Input Parameters | Description |
|---|---|
| Input-XML | <APP_REQ_ROOT><br><APP_PAN_INQ><br><APP_PAN_NO>AAAPA1111A</APP_PAN_NO><br><APP_DOB_INCORP>12/12/1959</APP_DOB_INCORP><br><APP_POS_CODE>CDSL</APP_POS_CODE><br><APP_RTA_CODE>CDSL</APP_RTA_CODE><br><APP_KRA_CODE>CVLKRA</APP_KRA_CODE><br><FETCH_TYPE>I</FETCH_TYPE><br></APP_PAN_INQ><br></APP_REQ_ROOT><br><br>**XML Parameters explanation:**<br>APP_PAN_NO<br>→ Should be the Pan Number for which the data need to be fetched<br>APP_DOB_INCORP<br>→ Should be the DOB in case of Individual and Date of Incorporation in case of Non-Individual in DD/MM/YYYY format<br>APP_POS_CODE<br>→ Should be the POS Code of the Intermediary who is fetching the record.<br>APP_RTA_CODE<br>→ In case of RTA then POS Code of the RTA who is fetching on behalf of the Intermediary<br>→ In case of Intermediaries fetching for themselves then POS Code of the Intermediary<br>APP_KRA_CODE<br>→ Should be the KRA Code (CVLKRA / NDML / DOTEX / CAMS / KARVY / BSE). This is now a mandatory field. |

| Input Parameters | Description |
|---|---|
| | FETCH_TYPE<br>→ I – In case of DATA & IMAGE is required<br>→ E – In case only DATA is required<br>→ X – In case only IMAGE is required |
| username | The authorized user id of the CVLKRA system enabled to use the web services |
| PosCode | The POS Code to which the user id is mapped. |
| Password | The encrypted password fetched by the user using the GetPassword Method of the web services |
| PassKey | The key used to generate the encrypted password |

## Response Attributes

Refer to the Download document structure from ***CVLKRA*** → Downloads → File Structures

# InsertUpdateKYCRecord

## Description

This web service is used to Add / Modify the PAN available only in the CVLKRA system.
The web service accepts single request at each time.

## Method

InsertUpdateKYCRecord

## Request Attributes

| Input Parameters | Description |
|---|---|
| Input-XML | Input File structure differs for Individual / Non-Individual – Old / New KYC type, refer to the upload document structure from CVLKRA → Downloads → File Structures |
| username | The authorized user id of the CVLKRA system enabled to use the web services |
| PosCode | The POS Code to which the user id is mapped. |
| Password | The encrypted password fetched by the user using the GetPassword Method of the web services |
| PassKey | The key used to generate the encrypted password |

## Response Attributes


```
<ROOT>
 <KYCDATA>
  <APP_PAN_NO>AAAPA1234A</APP_PAN_NO>
  <APP_PAN_DOB></APP_PAN_DOB>
  <APP_NAME>SANDEEP SINGH</APP_NAME>
  <APP_STATUS></APP_STATUS>
  <APP_MODF_ACK>129272</APP_MODF_ACK>
  <APP_STATUSDT/>
  <APP_ENTRYDT/>
  <APP_MODDT/>
  <APP_POS_CODE>CDSL</APP_POS_CODE>
 </KYCDATA>
 <FOOTER>
  <APP_RESPONSE_DATE>24/05/2016 14:30:03</APP_RESPONSE_DATE>
  <APP_TOTAL_REC>1</APP_TOTAL_REC>
 </FOOTER>
</ROOT>
```

## Error Codes

| Error Code | Description |
|---|---|
| WEBERR-001 | Invalid User ID / PosCode / Password / Access Privilege Not Set |
| WEBERR-002 | Invalid XML |
| WEBERR-005 | UNKNOWN ERROR |
| WEBERR-006 | Invalid Record Count |
| WEBERR-007 | Invalid Batch Size |
| WEBERR-008 | Invalid / Expired Batch No. |
| WEBERR-009 | Invalid RTA Code (APP_RTA_CODE) provided |
| WEBERR-010 | Invalid Intermediary Code (APP_POS_CODE) provided |
| WEBERR-011 | Invalid KRA Code (APP_KRA_CODE) provided |
| WEBERR-012 | Invalid DOB (APP_DOB_INCORP) PROVIDED |
| WEBERR-013 | You are not allowed to fetch the details |
| WEBERR-014 | Invalid OTHKRA Code (APP_OTHKRA_CODE) provided |
| WEBERR-015 | Access Limit exceeded |

## Pre-requisite

Make sure only TLS 1.2 protocol is enabled to connect to the above mentioned URL's