

# CDSL VENTURES LIMITED

## CVLKRA API Intermediaries (SEBI registered) Web Services

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### URLs

- Test - <https://krapancheck.cvlindia.com/CVLPANInquiry.svc>
- Live - <https://PANCheck.www.kracvl.com/CVLPANInquiry.svc>

**20-Jul-2020**

- This document explain the about the Web Service provided to the Intermediaries of CVLKRA Application.

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## 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/XMLSchema" 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_PAN_INQ>
</APP_RES_ROOT>
</GetPanStatusResult>
</GetPanStatusResponse>
```



```
</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
	Not Checked with respective KRA	000	100	200	300	400
	Submitted	001	101	201	301	401
	KRA Verified	002	102	202	302	402
	Hold	003	103	203	303	403
	Rejected	004	104	204	304	404
	Not available	005	005	005	005	005
	Deactivated	006	106	206	306	406
	Existing KYC Submitted	011	111	211	311	411
	Existing KYC Verified	012	112	212	312	412
	Existing KYC hold	013	113	213	313	413
	Existing KYC Rejected	014	114	214	314	414
	KYC REGISTERED WITH CVLMF	022				
	Not Checked with Multiple KRA		888	888	888	888
	Invalid PAN NO Format	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
	Not Checked with Respective KRA	000	100	200	300	400
	Modification Under Process	001	101	201	301	401
	Modification Registered	002	102	202	302	402
	Modification Hold	003	103	203	303	403
	Modification Rejected	004	104	204	304	404
	Not available (will not be displayed)	005	105	205	305	405
	Deactivated	006	106	206	306	406
	Not Checked with Multiple KRA		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 <table><tr><th>Code</th><th colspan="2">Description</th></tr><tr><td>0</td><td colspan="2">Normal KYC</td></tr><tr><td>1</td><td colspan="2">e-KYC with OTP</td></tr><tr><td>2</td><td colspan="2">e-KYC with Biometric</td></tr><tr><td></td><td colspan="2">If No value present (Blank), treat as Normal KYC</td></tr></table>			Code	Description		0	Normal KYC		1	e-KYC with OTP		2	e-KYC with Biometric			If No value present (Blank), treat as Normal KYC																																																							
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APP_IPV_FLAG	In person verification <table><tr><th>Code</th><th>Description</th><th>Remarks</th></tr><tr><td>Y</td><td>Yes</td><td></td></tr><tr><td>N</td><td>No</td><td></td></tr><tr><td>E</td><td>Exempted</td><td>Applicable only in case of MF investment less than 50000/Year/AMC</td></tr></table>			Code	Description	Remarks	Y	Yes		N	No		E	Exempted	Applicable only in case of MF investment less than 50000/Year/AMC																																																									
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APP_STATUS_DELTA	Missing Field Details <table><tr><th>Code</th><th colspan="2">Description</th></tr><tr><td>00</td><td colspan="2">All mandatory fields available</td></tr><tr><td>01</td><td colspan="2">Name of the Applicant not available</td></tr><tr><td>02</td><td colspan="2">Fathers / Spouse Name not available</td></tr><tr><td>03</td><td colspan="2">Gender not available</td></tr><tr><td>04</td><td colspan="2">Marital Status not available</td></tr><tr><td>05</td><td colspan="2">DOB not available</td></tr><tr><td>06</td><td colspan="2">Nationality not available</td></tr><tr><td>07</td><td colspan="2">Residential Status not available</td></tr><tr><td>08</td><td colspan="2">Proof of Identity not available</td></tr><tr><td>09</td><td colspan="2">Correspondence Address not available</td></tr><tr><td>10</td><td colspan="2">Proof of Correspondence Address not available</td></tr><tr><td>11</td><td colspan="2">Permanent Address not available</td></tr><tr><td>12</td><td colspan="2">Proof of Permanent Address not available</td></tr><tr><td>13</td><td colspan="2">Applicants Signature not available</td></tr><tr><td>14</td><td colspan="2">IPV details not available</td></tr><tr><td>15</td><td colspan="2">Date of Incorporation not available</td></tr><tr><td>16</td><td colspan="2">Place of Incorporation not available</td></tr><tr><td>17</td><td colspan="2">Date of commencement of business not available</td></tr><tr><td>18</td><td colspan="2">Status (Non Individual) not available</td></tr><tr><td>19</td><td colspan="2">Number of Promoters/Partners/Karta/Trustees and whole time directors not available</td></tr><tr><td>20</td><td colspan="2">Name of related person not available</td></tr><tr><td>21</td><td colspan="2">Relation with Applicant not available</td></tr></table>			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		20	Name of related person not available		21	Relation with Applicant not available	
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	22	Permanent Address of Related person not available
	23	KYC Image is incomplete
	24	Contact details are not available
APP_UBO_FLAG	UBO Flag details	
	<b>Code</b>	<b>Description</b>
	Y	Yes
	N	No
		In case UBO detail not available, BLANK value will be passed

## 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	<pre>&lt;APP_REQ_ROOT&gt;   &lt;APP_PAN_INQ&gt;     &lt;APP_PAN_NO&gt;AAAPA1111A&lt;/APP_PAN_NO&gt;     &lt;APP_DOB_INCORP&gt;12/12/1959&lt;/APP_DOB_INCORP&gt;     &lt;APP_POS_CODE&gt;CDSL&lt;/APP_POS_CODE&gt;     &lt;APP_RTA_CODE&gt;CDSL&lt;/APP_RTA_CODE&gt;     &lt;APP_KRA_CODE&gt;CVLKRA&lt;/APP_KRA_CODE&gt;     &lt;FETCH_TYPE&gt;I&lt;/FETCH_TYPE&gt;   &lt;/APP_PAN_INQ&gt; &lt;/APP_REQ_ROOT&gt;</pre> <p><b>XML Parameters explanation:</b></p> <p>APP_PAN_NO → Should be the Pan Number for which the data need to be fetched</p> <p>APP_DOB_INCORP → Should be the DOB in case of Individual and Date of Incorporation in case of Non-Individual in DD/MM/YYYY format</p> <p>APP_POS_CODE → Should be the POS Code of the Intermediary who is fetching the record.</p> <p>APP_RTA_CODE → In case of RTA then POS Code of the RTA who is fetching on behalf of the Intermediary → In case of Intermediaries fetching for themselves then POS Code of the Intermediary</p> <p>APP_KRA_CODE → Should be the KRA Code ( CVLKRA / NDML / DOTEX / CAMS / KARVY ) where the Pan is available, In case the Source of Pan is not known then BLANK value can be passed</p> <p>FETCH_TYPE → I – In case of DATA &amp; IMAGE is required → E – In case only DATA is required → X – In case only IMAGE is required</p>
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_RT_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