1 DIT Web Services

This section provides the details of Web Services provided by DIT including data types and required user privileges. DIT offers following Web Services.

i.   Retrieve PAN Information
ii. Submit Bulk ITR
iii. Retrieve 26AS Information
iv. Retrieve Rectification Status
v.   Retrieve Refund Status
vi. Retrieve ITR-V Status
vii. Add Client Details
viii.Submit Bulk PAN
ix. Retrieve TAN Information
x.   Retrieve ITR-V

1.1 Retrieve PAN Information

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/PanWS.wsdl

This web service is only for Bulk Pan Query user(External Agency).

1.1.1   Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userName	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	Pan	PAN of the client	PAN should be of 10 characters. Example: AAAPA0000A	Yes

Response

S. No.	Output Fields	Description
1	Pan	PAN
2	Ffullname	Father's full name
3	Address	Address of the
4	Dob	Date of Birth of
5	Fullname	Assess full name
6	Error	Error if any

1.1.2   SOAP

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:pan="http://panws.dit.tcs.com/" xmlns:typ="http://panws.dit.tcs.com/types/">
  <soapenv:Header/>
  <soapenv:Body>
    <pan:getPanInfo>
      <login>
        <typ:userName>xxxxxxxxxx</typ:userName>
```

```
            <typ:password>xxxxxxxxxx</typ:password>
        </login>
        <panNo>
            <typ:panNo>xxxxxxxxxx</typ:panNo>
        </panNo>
    </pan:getPanInfo>
  </soapenv:Body>
</soapenv:Envelope>
```

Response:
```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
        <env:Header />
        <env:Body>
                <ns4:getPanInfoResponse xmlns:ns2="http://panws.dit.tcs.com/types/"
                        xmlns="" xmlns:ns4="http://panws.dit.tcs.com/">
                        <result>
                                <ns2:pan>xxxxxxxxxx</ns2:pan>
                                <ns2:ffullname>xxxxxxxxxx</ns2:ffullname>
                                <ns2:address>xxxxxxxxxx</ns2:address>
                                <ns2:dob>xxxxxxxxxx</ns2:dob>
                                <ns2:fullname>xxxxxxxxxx</ns2:fullname>
                                <ns2:error xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                                        xsi:nil="true" />
                        </result>
                </ns4:getPanInfoResponse>
        </env:Body>
</env:Envelope>
```

Error
```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
      <faultcode>ns0:Client/Server</faultcode>
```

```
        <faultstring xml:lang="en">Error Message</faultstring>
    </env:Fault>
  </env:Body>
</env:Envelope>
```

1.1.3   Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.
Incorrect Password	Authentication failed. Please provide a valid Password.
PAN field left blank	Please provide a PAN .
Less number of characters entered in PAN	Invalid PAN. Please retry.
PAN entered in wrong format	Invalid PAN. Please retry.
PAN does not exist	PAN does not exist.

1.2 **Submit Bulk ITR**

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/submitITR.wsdl

1.2.1   Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userID	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	certChain	Certification chain		Yes
4	signature	Signature		Yes
5	Zip Attachment	Zip attachment which contains ITR xml files		Yes

Response

S. No.	Output Fields	Description
1	result	Token Number

1.2.2   SOAP

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v="http://incometaxindiaefiling.gov.in/ws/ds/common/v_1_0">
  <soapenv:Header/>
  <soapenv:Body>
    <v:DITWSAuthInfoEle>
      <v:userID>xxxxxxxxxx</v:userID>
      <v:password>xxxxxxxxxx</v:password>
      <v:certChain>xxxxxxxxxx</v:certChain>
      <v:signature>xxxxxxxxxx</v:signature>
    </v:DITWSAuthInfoEle>
  </soapenv:Body>
```

```
</soapenv:Envelope>
```

Response

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <ns2:DITWSResponseEle xmlns:ns2="http://incometaxindiaefiling.gov.in/ws/ds/common/v_1_0">
      <ns2:result>xxxxxxxxxx</ns2:result>
    </ns2:DITWSResponseEle>
  </env:Body>
</env:Envelope>
```

Error

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
      <faultcode>ns0:Client/Server</faultcode>
      <faultstring xml:lang="en">Error Message</faultstring>
    </env:Fault>
  </env:Body>
</env:Envelope>
```

1.2.3   Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.
Incorrect Password	Authentication failed. Please provide a valid Password.

Certificate chain not provided	Please provide the Certificate Chain
Signature not provided	Please provide a Digital Signature Certificate.
The digital signature certificate does not match with the one registered	Invalid Digital Signature Certificate. Please retry.
Invalid Digital signature certificate.	Invalid Digital Signature Certificate. Please contact your Certificate Provider.
The trusted parent certificate could not be verified	Invalid Digital Signature Certificate. The trusted parent certificate could not be verified.

1.2.4   ITR XML FILE Format

The End user ITR XML file consists of the Tax returns data which the Service provider prepared for the End user.
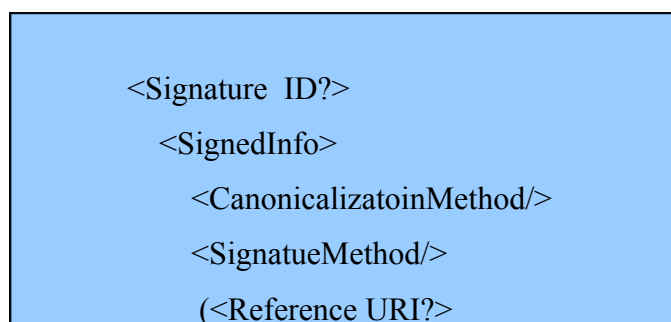This XML file should be a valid UTF-8 Encoding xml file and should adhere to the schema provided by the Department of Income Tax.

In case the End user needs to sign the file with his class ll Digital Certificate, SP should provide an interface to the End user to sign his XML using the Enveloping XML digital Signature API described below.

1.2.4.1 XML Signature Representation

1   XML Signature is identified by the root <Signature> element.

2   Information about the original data object that is signed is represented in the <Signature> element via Uri's.

     ITRService interface is supporting below given type of signature

        ▪   **Enveloping signature**: where the data object is embedded within the XML Signature.

1.2.4.1.1 Basic XML Signature Structure

<Signature ID?>

   <SignedInfo>

     <CanonicalizatoinMethod/>

     <SignatueMethod/>

    (<Reference URI?>

```
                    <DigestMethod/>
                    <DigestValue/>
                 </Reference>)+
              </SignedInfo>
           <SignatureValue/>
              (<KeyInfo/>)?
              (<Object  ID? />)*
           </Signature>
```
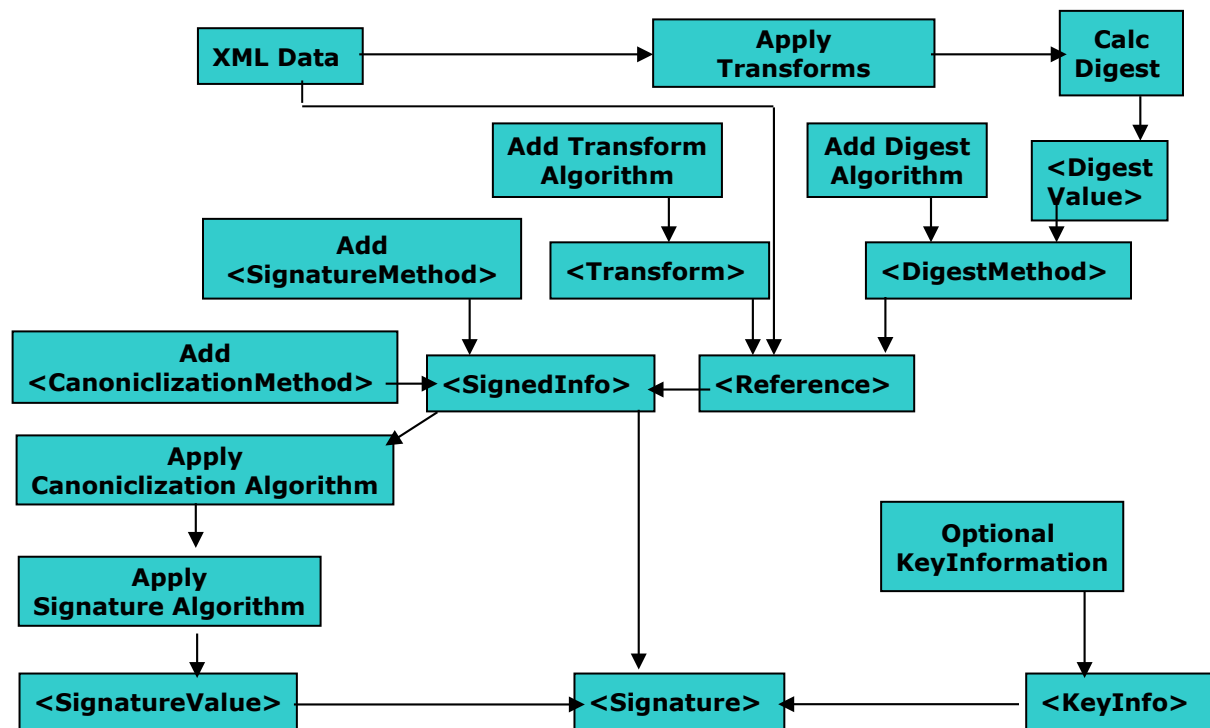
- ?:zero or one occurrence.
- *: zero or more occurrences.
- +:one or more occurrences

1.2.4.1.2 XML Signature Generation

```
┌─────────────┐         ┌──────────────┐        ┌──────────┐
│  XML Data   │────────▶│    Apply     │───────▶│   Calc   │
│             │         │  Transforms  │        │  Digest  │
└─────────────┘         └──────────────┘        └──────────┘
       │
       │        ┌──────────────┐   ┌──────────────┐   ┌──────────┐
       │        │Add Transform │   │ Add Digest   │   │ <Digest  │
       │        │  Algorithm   │   │  Algorithm   │   │  Value>  │
       │        └──────────────┘   └──────────────┘   └──────────┘
   ┌────────────────┐      │              │               │
   │     Add        │      ▼              ▼               ▼
   │<SignatureMethod>│  ┌───────────┐  ┌──────────────┐
   └────────────────┘  │<Transform>│  │<DigestMethod>│
          │            └───────────┘  └──────────────┘
   ┌────────────────────┐   │              │
   │       Add          │   ▼              ▼
   │<CanoniclizationMethod>│ ┌────────────┐   ┌─────────────┐
   └────────────────────┘──▶│<SignedInfo>│◀──│ <Reference> │
          │                 └────────────┘   └─────────────┘
   ┌────────────────────┐      │
   │      Apply         │      │
   │Canoniclization     │      │         ┌──────────────┐
   │  Algorithm         │      │         │   Optional   │
   └────────────────────┘      │         │KeyInformation│
          │                    │         └──────────────┘
   ┌────────────────────┐      │                │
   │      Apply         │      ▼                ▼
   │ Signature Algorithm│                 ┌──────────┐
   └────────────────────┘                 │ <KeyInfo>│
          │                               └──────────┘
   ┌────────────────┐   ┌─────────────┐        │
   │<SignatureValue>│──▶│ <Signature> │◀───────┘
   └────────────────┘   └─────────────┘
```

1.2.4.1.3 XML Signature Syntax

- Core Syntax: these are mandatory and are required to be supported by the confirming implementations.
- Optional Signature Syntax: these elements are optional to implement. Can only appear as a child of the <Object> element.

Core Syntax:

- The <Signature> Element: is the main element of XML Signature. It can exist as a standalone document, can envelop the data object that it signs, or it can be enveloped by the data object.
- The <Signature> has the following child elements in order in which they appear:
  - ➢ ds:SignedInfo.
  - ➢ ds:SignatureValue.
  - ➢ ds:KeyInfo.
  - ➢ ds:Object.

The <SignatureValue> Element: contains the actual value of the digital signature. It does not have any child elements
and has one Id attribute.

The <SignedInfo> Element: it contains references to the original data object and includes the canonincalization and signature algorithms. The encrypted digest of the canonical form of the <SignedInfo>represents the value of the XML signature. And it has an Id attribute and the following child elements:

- ➢ ds:CanonicalizationMethod.
- ➢ ds:SignatureMethod.
- ➢ ds:Reference.

The <CanonicalizationMethod>: specifies the canonicalization algorithm applied to the <SignedInfo>, the algorithm used is identified by the Algorithm attribute, and it permit one child element which can be from any namespace.

The <SignatureMethod> Element: specifies the algorithm used for signature generation, this algorithm identifies all cryptographic functions involved in the signature generation, and it has one attribute algorithm, and includes this element:

The Signature method should be RSA-SHA1 as
<SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1"/>

The <Reference> Element: it carries the digest value of the data object and optionally references to the original data object. It may include a <Transforms>, it has the following child elements:

- ➢ ds: DigestMetjhod.
- ➢ ds: DigestValue.

And it has three attributes:

- o Id.
- o URI.
- o Type.

The Reference element URI should be the PAN of the USER as
<Reference URI="#XXXXX1111X">

The <DigestMethod> Element: specifies the digest algorithm to be used for the original data object or transformed if any <Transforms> exists.

The DigestMethod should follow the sha1 Algorithm

<DigestMethod Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"/>

The \<DigestValue\> Element: contains the value of the digest.

The \<KeyInfo\> Element: is an optional element that enables key information to be packaged along with the XML Signature. It can contain keys, keys names, certificates. It has many child elements such as:

> ➤ ds: KeyName
> ➤ ds: KeyValue
> ➤ ds: RetrievalMethod

- The KeyName, KeyValue and RetrievalMethod are the optional Elements and need not be included for this Web Service

> ➤   ds: X509Data-Should be included in the XML Signature

- The X509Data should have 2 children type.
    - o The X509SubjectName of the End User Certificate
    - o The X509Certificate – This is the complete chain of the X509Certificate of the End user certificate and should have all the certificate chains

.

The **\<Object\>** Element: is an child element of \<Signature\>, and typically used for enveloping signature where the data object being signed is included in the \<Signature\> element. It can have any child elements and it has tree attributes: ID, Mime Type, and Encoding.

The ID attribute should be the PAN number of the User as \<Object Id="XXXXX1111X"\> and the Object Element contains the User IT Return XML Elements.

1.2.4.1.4 Algorithm Supported

- XML Signature specification defines a standard usage model for a set of algorithms that can be used with the specification.
- Message Digest:
    - o SHA-1.
- Signature Algorithms:
    - o PKCS1 (RSA_SHA1).
- Canonicalization Algorithms:
    - o Canonical XML with comments.

The SP has to Zip all the Signed and unsigned XML together as one ZIP file and upload it through the Web Service.

The SP shall not merge the signed XML together as one bulk XML.

The SP shall merge the Unsigned XML together as one bulk Xml but he has to Zip the file together

1.3 Retrieve 26AS Information

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/Get26asInfo.wsdl

1.3.1   Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userName	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	Pan	PAN for which 26AS information is required	PAN should be of 10 characters. Example: AAAPA0000A	Yes
4	dob	Date Of Birth/Incorporation of the PAN	It should be a valid xml date. The format is YYYY-MM-DD. Example: 1947-08-15	Yes
5	assessmentYear	Assessment Year	Example: 2011-12	Yes

Response

◆ TDS On Salary
◆ TDS Other than Salary
◆ TCS
◆ Taxpayments(OLTAS data)

TDS On Salary:

S. No.	Output Fields	Description
1	TAN	TAN
2	EmployerOrDeductorOrCollecterName	TAN Name
3	IncChrgSal	Income chargeable on salary
4	TotalTDSSal	Total TDS Salary

TDS On Other than Salary:

S. No.	Output Fields	Description
1	TAN	TAN
2	EmployerOrDeductorOrCollecterName	TAN Name
3	TotTDSOnAmtPaid	Total TDS amount paid
4	ClaimOutOfTotTDSOnAmtPaid	Total TDS amount claimed

TCS:

S. No.	Output Fields	Description
1	TAN	TAN
2	EmployerOrDeductorOrCollecterName	TAN Name
3	TotalTCS	Total TCS
4	AmtTCSClaimedThisYear	Amount claimed for this year

Tax Payments:

S. No.	Output Fields	Description
1	BSRCode	BSR Code
2	DateDep	Date deposited
3	SrlNoOfChaln	Serial Number of Challan
4	Amt	Amount

If no information is present for the PAN and assessment year then 'No record found for the Assessment Year' will be displayed.

1.3.2   SOAP

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v="http://incometaxindiaefiling.gov.in/ditws/tds/v_1_0">
  <soapenv:Header/>
  <soapenv:Body>
    <v:getTDSDetails>
      <v:LoginInfo>
        <v:userName>xxxxxxxxxx</v:userName>
        <v:password>xxxxxxxxxx</v:password>
      </v:LoginInfo>
      <v:ClientInfo>
```

```
            <v:pan>xxxxxxxxxx</v:pan>

            <v:dob>xxxxxxxxxx</v:dob>

            <v:assessmentYear>xxxxxxxxxx</v:assessmentYear>

        </v:ClientInfo>

    </v:getTDSDetails>

  </soapenv:Body>

</soapenv:Envelope>
```

Response

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">

  <env:Header/>

  <env:Body>

    <GetTDSResponse xmlns:ns2="http://incometaxindiaefiling.gov.in/master"
xmlns:ns3="http://incometaxindiaefiling.gov.in/ditws/tds/v_1_0">

      <ns3:TDSonSalaries>

        <ns2:TDSonSalary>

          <ns2:EmployerOrDeductorOrCollectDetl>

            <ns2:TAN>xxxxxxxxxx</ns2:TAN>

            <ns2:EmployerOrDeductorOrCollecterName>xxxxxxxxxx</ns2:EmployerOrDeduct
orOrCollecterName>

          </ns2:EmployerOrDeductorOrCollectDetl>

          <ns2:IncChrgSal>xxxxxxxxxx</ns2:IncChrgSal>

          <ns2:TotalTDSSal>xxxxxxxxxx</ns2:TotalTDSSal>

        </ns2:TDSonSalary>

      </ns3:TDSonSalaries>

      <ns3:TDSonOthThanSals>

        <ns2:TDSonOthThanSal>

          <ns2:EmployerOrDeductorOrCollectDetl>

            <ns2:TAN>xxxxxxxxxx</ns2:TAN>

            <ns2:EmployerOrDeductorOrCollecterName>xxxxxxxxxxS</ns2:EmployerOrDedu
ctorOrCollecterName>

          </ns2:EmployerOrDeductorOrCollectDetl>

          <ns2:TotTDSOnAmtPaid>xxxxxxxxxx</ns2:TotTDSOnAmtPaid>

          <ns2:ClaimOutOfTotTDSOnAmtPaid>xxxxxxxxxx</ns2:ClaimOutOfTotTDSOnAmtPa
id>

        </ns2:TDSonOthThanSal>
```

```
        </ns3:TDSonOthThanSals>
        <ns3:ScheduleTCS>
          <ns2:TCS>
            <ns2:EmployerOrDeductorOrCollectDetl>
              <ns2:TAN>xxxxxxxxxx</ns2:TAN>
              <ns2:EmployerOrDeductorOrCollecterName>xxxxxxxxxx</ns2:EmployerOrDeduct
orOrCollecterName>
            </ns2:EmployerOrDeductorOrCollectDetl>
            <ns2:TotalTCS>xxxxxxxxxx</ns2:TotalTCS>
            <ns2:AmtTCSClaimedThisYear>xxxxxxxxxx</ns2:AmtTCSClaimedThisYear>
          </ns2:TCS>

        </ns3:ScheduleTCS>
        <ns3:TaxPayments>
          <ns2:TaxPayment>
            <ns2:BSRCode>xxxxxxxxxx</ns2:BSRCode>
            <ns2:DateDep>xxxxxxxxxx</ns2:DateDep>
            <ns2:SrlNoOfChaln>xxxxxxxxxx</ns2:SrlNoOfChaln>
            <ns2:Amt>xxxxxxxxxx</ns2:Amt>
          </ns2:TaxPayment>
        </ns3:TaxPayments>
      </GetTDSResponse>
    </env:Body>
</env:Envelope>
```

Error
```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
```

```
        <faultcode>ns0:Client/Server</faultcode>
        <faultstring xml:lang="en">Error Message</faultstring>
      </env:Fault>
    </env:Body>
  </env:Envelope>
```

1.3.3   Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.
Incorrect Password	Authentication failed. Please provide a valid Password.
PAN field left blank	Please provide a PAN.
Less number of characters entered in PAN	Invalid PAN. Please retry.
PAN entered in wrong format	Invalid PAN. Please retry.
PAN does not exist	PAN does not exist.
PAN not added as a client for ERI	This PAN is not added as a client.
Assessment year is not selected	Please provide the Assessment Year.
Date of birth/incorporation field is left blank	Please provide date of birth
Date of birth/incorporation is not matching	Date of Birth is not matching

1.4 Retrieve Rectification Status

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/rectificationstatus.wsdl

1.4.1 Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userName	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	Pan	PAN of the client	PAN should be of 10 characters. Example: AAAPA0000A	Yes
4	assessmentYear	Assessment Year	EX:2011-12	Yes

Response

S. No.	Output Fields	Description
1	panNo	PAN
2	asseessmentYear	Assessment Year
3	itrName	ITR name
4	rectificationReferenceNo	Rectification Reference Number
5	date	Rectification Date
6	cpcOrderNo	CPC order number
7	date	CPC order date
8	status	Status

1.4.2 SOAP

Request

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v="http://incometaxindiaefiling.gov.in/ditws/ITRVStatus/v_1_0">

  <soapenv:Header/>

  <soapenv:Body>

    <v:getRectificationStatusRequest>

      <LoginInfo>

        <userName>xxxxxxxxxx</userName>

```
        <password>xxxxxxxxxx</password>
      </LoginInfo>
      <RectificationInput>
        <panNo>xxxxxxxxxx</panNo>
        <asseessmentYear>xxxxxxxxxx</asseessmentYear>
      </RectificationInput>
    </v:getRectificationStatusRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <ns3:getRectificationStatusResponse
xmlns:ns3="http://incometaxindiaefiling.gov.in/ditws/ITRVStatus/v_1_0">
      <result>
        <panNo>xxxxxxxxxx</panNo>
        <asseessmentYear>xxxxxxxxxx</asseessmentYear>
        <itrName>xxxxxxxxxx</itrName>
        <rectification>
          <rectificationReferenceNo>xxxxxxxxxx</rectificationReferenceNo>
          <date>xxxxxxxxxx</date>
        </rectification>
        <cpcOrder>
          <cpcOrderNo>xxxxxxxxxx</cpcOrderNo>
          <date>xxxxxxxxxx</date>
        </cpcOrder>
        <details xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
        <status>xxxxxxxxxx</status>
      </result>
    </ns3:getRectificationStatusResponse>
  </env:Body>
</env:Envelope>
```

Error

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
    <env:Header/>
    <env:Body>
        <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
            <faultcode>ns0:Client/Server</faultcode>
            <faultstring xml:lang="en">Error Message</faultstring>
        </env:Fault>
    </env:Body>
</env:Envelope>
```

1.4.3   Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.
Incorrect Password	Authentication failed. Please provide a valid Password.
PAN field left blank	Please provide a PAN .
Less number of characters entered in PAN	Invalid PAN. Please retry.
PAN entered in wrong format	Invalid PAN. Please retry.
PAN does not exist	PAN does not exist.
PAN not added as a client for ERI	This PAN is not added as a client.
Assessment year is not selected	Please provide the Assessment Year.
Assessment year entered in wrong format	Enter Valid Assessment Year

1.5 Retrieve Refund Status

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/refundstatus.wsdl

1.5.1 Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userName	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	Pan	PAN of the client	PAN should be of 10 characters. Example: AAAPA0000A	Yes
4	assessmentYear	Assessment Year	EX:2011-12	Yes

Response

S. No.	Output Fields	Description
1	result	Refund Status

1.5.2 SOAP

Request

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v="http://incometaxindiaefiling.gov.in/ditws/ITRVStatus/v_1_0">

  <soapenv:Header/>

  <soapenv:Body>

    <v:getRefundStatusRequest>

     <LoginInfo>

      <userName>xxxxxxxxxx</userName>

      <password>xxxxxxxxxx</password>

     </LoginInfo>

     <RefundInput>

      <panNo>xxxxxxxxxx</panNo>

      <asseessmentyear>xxxxxxxxxx</asseessmentyear>

```
        </RefundInput>
      </v:getRefundStatusRequest>
    </soapenv:Body>
  </soapenv:Envelope>
```

<u>Response</u>

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <ns3:getRefundStatusResponse
xmlns:ns3="http://incometaxindiaefiling.gov.in/ditws/ITRVStatus/v_1_0">
      <result>xxxxxxxxxx</result>
    </ns3:getRefundStatusResponse>
  </env:Body>
</env:Envelope>
```

<u>Error</u>

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
      <faultcode>ns0:Client/Server</faultcode>
      <faultstring xml:lang="en">Error Message</faultstring>
    </env:Fault>
  </env:Body>
</env:Envelope>
```

1.5.3   Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.

Incorrect Password	Authentication failed. Please provide a valid Password.
PAN field left blank	Please provide a PAN.
Less number of characters entered in PAN	Invalid PAN. Please retry.
PAN entered in wrong format	Invalid PAN. Please retry.
PAN does not exist	PAN does not exist.
PAN not added as a client for ERI	This PAN is not added as a client.
Assessment year is not selected	Please provide the Assessment Year.

1.6 Retrieve ITR-V Status

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/itrvstatus.wsdl

1.6.1 Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	Pan	PAN	PAN should be of 10 characters. Example: AAAPA0000A	Yes
2	assessment Year	Assessment Year	EX:2011-12	Yes

Response

S. No.	Output Fields	Description
1	result	ITR-V Status

1.6.2 SOAP

Request

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v="http://incometaxindiaefiling.gov.in/ditws/ITRVStatus/v_1_0">

  <soapenv:Header/>

  <soapenv:Body>

    <v:getITRVStatusRequest>

      <PAN>xxxxxxxxxx</PAN>

      <AssessmentYear>xxxxxxxxxx</AssessmentYear>

    </v:getITRVStatusRequest>

  </soapenv:Body>

</soapenv:Envelope>

Response

<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">

      <env:Header />

      <env:Body>

```
            <ns3:getITRVStatusResponse xmlns=""
                    xmlns:ns3="http://incometaxindiaefiling.gov.in/ditws/ITRVStatus/v_1_0">
                    <result>xxxxxxxxx</result>
            </ns3:getITRVStatusResponse>
        </env:Body>
</env:Envelope>
```

Error

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
      <faultcode>ns0:Client/Server</faultcode>
      <faultstring xml:lang="en">Error Message</faultstring>
    </env:Fault>
  </env:Body>
</env:Envelope>
```

1.6.3   Error Messages

Scenario	Error Message
PAN field left blank	Please provide a PAN .
Less number of characters entered in PAN	Invalid PAN. Please retry.
PAN entered in wrong format	Invalid PAN. Please retry.
PAN does not exist	PAN does not exist.
PAN not added as a client for ERI	This PAN is not added as a client.
Assessment year is not selected	Please provide the Assessment Year.
Assessment year entered in wrong format	Enter Valid Assessment Year

1.7 Add Client Details

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/addClientDetails.wsdl

1.7.1   Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userName	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	Pan	PAN of the client	PAN should be of 10 characters. Example: AAAPA0000A	Yes
4	dob	Date Of Birth/Incorporation of the PAN	It should be a valid xml date. The format is YYYY-MM-DD. Example: 1947-08-15	Yes
5	email	E-mail Id of client	It should be valid e-mail id	Yes
6	addClientOption	Options for add client	It should be either of: tdsOption , advanceTaxOption or TaxNotFiledForLastTwoYears	Yes
7	tanNumber	TAN	TAN should be of 10 characters.	Yes if 'tdsOption' is slected
8	financialYear	Financial Year	Ex: 2011-12	Yes if 'tdsOption' is slected
9	bsrCode	BSR Code	It should be 7 digit.	Yes if 'advanceTaxOptionType' is slected
10	assessmentYear	Assessment Year	EX:2011-12	Yes if 'advanceTaxOptionType' is slected
11	amountPaid	Amount Paid	It should be numeric and maximum of 14 digits.	Yes if 'advanceTaxOptionType' is slected

Response

S. No.	Output Fields	Description
1	result	Add Client Status

1.7.2   SOAP

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v="http://incometaxindiaefiling.gov.in/ditws/addClientDetails/v_1_0">
  <soapenv:Header/>
  <soapenv:Body>
    <v:addClientDetails>
      <v:LoginInfo>
        <v:userName>xxxxxxxxxx</v:userName>
        <v:password>xxxxxxxxxx</v:password>
      </v:LoginInfo>
      <v:addClient>
        <v:addClientDetails>
          <v:panNumber>xxxxxxxxxx</v:panNumber>
          <v:dateOfBirth>xxxxxxxxxx</v:dateOfBirth>
          <v:email>xxxxxxxxxx</v:email>
          <v:addClientOption>xxxxxxxxxx</v:addClientOption>
          <v:addClientOptionDetails>
            <v:tdsOption>
              <v:tanNumber>xxxxxxxxxx</v:tanNumber>
              <v:financialYear>xxxxxxxxxx</v:financialYear>
            </v:tdsOption>
            <v:advanceTaxOption>
              <v:bsrCode>xxxxxxxxxx</v:bsrCode>
              <v:assessmentYear>xxxxxxxxxx</v:assessmentYear>
              <v:amountPaid>xxxxxxxxxx</v:amountPaid>
            </v:advanceTaxOption>
          </v:addClientOptionDetails>
```

```
        </v:addClientDetails>
      </v:addClient>
    </v:addClientDetails>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <ns2:addClientDetailsResponse
xmlns:ns2="http://incometaxindiaefiling.gov.in/ditws/addClientDetails/v_1_0">
      <ns2:result>xxxxxxxxxx</ns2:result>
    </ns2:addClientDetailsResponse>
  </env:Body>
</env:Envelope>
```

Error

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
      <faultcode>ns0:Client/Server</faultcode>
      <faultstring xml:lang="en">Error Message</faultstring>
    </env:Fault>
  </env:Body>
</env:Envelope>
```

1.7.3 Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.

Incorrect Password	Authentication failed. Please provide a valid Password.
PAN field left blank	Please provide a PAN .
Less number of characters entered in PAN	Invalid PAN. Please retry.
PAN entered in wrong format	Invalid PAN. Please retry.
PAN does not exist	PAN does not exist.
Assessment year is not selected	Please provide the Assessment Year.
Assessment year entered in wrong format	Enter Valid Assessment Year
No tax paid in the last 2 years' option is selected but user's tax records are available in TDS/OLTAS db	Filing of Tax has been done in the last two years. Please enter the details.
Details don't match with OLTAS db	Incorrect Advance Tax/Self Assessment Tax. Please retry.
Amount paid field left blank	Please provide the Amount.
Less than 7 digits entered in BSR code field	Please enter a valid 7 digit BSR Code.
BSR code field is left blank	Please provide the BSR Code.
Details don't match with TDS/TCS db	Incorrect TDS/TCS information. Please retry.
No financial year is entered	Please provide the Financial Year.
E-mail ID entered in an incorrect format	Invalid E-mail ID. Please retry.
E-mail ID of the assesse is not entered	Please provide the E-mail ID.
Incorrect date of birth entered	Invalid Date of Birth. Please retry.
Date of birth field left blank	Please provide a Date of Birth.
PAN already added as a client with the same ERI	This PAN is already added as a client.

1.8 Submit Bulk PAN

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/submitBulkPan.wsdl

1.8.1 Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userName	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	Xml file	XML file as SOAP attachment		Yes

Response

S. No.	Output Fields	Description
1	result	Token Number

1.8.2 SOAP

Request

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v="http://incometaxindiaefiling.gov.in/bulkPanservice/v_1_0">

  <soapenv:Header/>

  <soapenv:Body>

    <v:submitBulkPan>

      <v:LoginInfo>

        <v:userName>xxxxxxxxxx</v:userName>

        <v:password>xxxxxxxxxx</v:password>

      </v:LoginInfo>

    </v:submitBulkPan>

  </soapenv:Body>

</soapenv:Envelope>

Response

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
   <env:Header/>
   <env:Body>
      <ns2:DITWSResponse xmlns:ns2="http://incometaxindiaefiling.gov.in/bulkPanservice/v_1_0">
         <ns2:result>xxxxxxxxxx</ns2:result>
      </ns2:DITWSResponse>
   </env:Body>
</env:Envelope>
```

Error

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
   <env:Header/>
   <env:Body>
      <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
         <faultcode>ns0:Client/Server</faultcode>
         <faultstring xml:lang="en">Error Message</faultstring>
      </env:Fault>
   </env:Body>
</env:Envelope>
```

1.8.3   Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.
Incorrect Password	Authentication failed. Please provide a valid Password.
XML not provided	Please provide an XML file.
Two XML files provided	Please provide only one XML file.
Non XML file is selected	Please provide a valid XML.
Incorrect XML schema	The XML Schema is invalid. Please provide the XML in the correct schema.

1.9 Retrieve TAN Information

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/GetTAN.wsdl

1.9.1   Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userName	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	Tan	TAN of the client	TAN should be of 10 characters. Example: AAAPA0000A	Yes

Response

S. No.	Output Fields	Description
1	tan	TAN
2	categoryOfDeductor	Category of deductor
3	address	Address
4	pan	PAN
5	status	Status
6	emailId1	E-mail Id
7	emailId2	Alternate E-mail Id
8	areaCode	Area code
9	AOType	AO type
10	rangeCode	Range code
11	AONumber	AO number

1.9.2 SOAP

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:typ="http://tanws.dit.tcs.com/types/">
  <soapenv:Header/>
  <soapenv:Body>
    <typ:getTanInfo>
      <LoginInfo>
        <userName>xxxxxxxxxx</userName>
        <password>xxxxxxxxxx</password>
      </LoginInfo>
      <TanNum>
        <tanNo>xxxxxxxxxx</tanNo>
      </TanNum>
    </typ:getTanInfo>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <ns3:TanInfoResponse xmlns:ns3="http://tanws.dit.tcs.com/types/">
      <TanInfo>
        <tan>xxxxxxxxxx</tan>
        <categoryOfDeductor>xxxxxxxxxx</categoryOfDeductor>
        <fullname>xxxxxxxxxx</fullname>
        <address>xxxxxxxxxx</address>
        <pan>xxxxxxxxxx</pan>
        <status>xxxxxxxxxx</status>
        <emailId1>xxxxxxxxxx</emailId1>
        <emailId2>xxxxxxxxxx</emailId2>
        <areaCode>xxxxxxxxxx</areaCode>
```

```
        <AOType>xxxxxxxxx</AOType>
        <rangeCode>xxxxxxxxx</rangeCode>
        <AONumber>xxxxxxxxx</AONumber>
      </TanInfo>
    </ns3:TanInfoResponse>
  </env:Body>
</env:Envelope>
```

Error

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
      <faultcode>ns0:Client/Server</faultcode>
      <faultstring xml:lang="en">Error Message</faultstring>
    </env:Fault>
  </env:Body>
</env:Envelope>
```

1.9.3   Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.
Incorrect Password	Authentication failed. Please provide a valid Password.
TAN field left blank	Please provide a TAN .
Less number of characters entered in TAN	Invalid TAN. Please retry.
TAN entered in wrong format	Invalid TAN. Please retry.

1.10 Retrieve ITR-V

https://incometaxindiaefiling.gov.in/e-FilingWS/ditws/getITRV.wsdl

1.10.1   Retrieve ITR-V with Acknowledgment Number

1.10.1.1 Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userID	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	certChain			Yes
4	signature			Yes
5	acknowledgementNo	Efiling Acknowledgment Number		Yes

Response

S. No.	Output Fields	Description
1	result	Status of ITR processing

1.10.1.2 SOAP

Request

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v="http://incometaxindiaefiling.gov.in/ws/ds/itrv/v_1_0"
xmlns:v1="http://incometaxindiaefiling.gov.in/ws/ds/common/v_1_0">

```
  <soapenv:Header/>
  <soapenv:Body>
    <v:itrvAckNoRequestEle>
      <v:authInfo>
        <v1:userID>XXXXXXXXX</v1:userID>
        <v1:password>xxxxxxxxxx</v1:password>
        <v1:certChain>xxxxxxxxxx</v1:certChain>
        <v1:signature>xxxxxxxxxx</v1:signature>
      </v:authInfo>
      <v:acknowledgementNo>xxxxxxxxxx</v:acknowledgementNo>
    </v:itrvAckNoRequestEle>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">

  <env:Header/>

  <env:Body>

    <ns2:DITWSResponseEle xmlns:ns2="http://incometaxindiaefiling.gov.in/ws/ds/common/v_1_0">

        <ns2:result>xxxxxxxxxx</ns2:result>

    </ns2:DITWSResponseEle>

  </env:Body>

</env:Envelope>
```

Error

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
      <faultcode>ns0:Client</faultcode>
      <faultstring xml:lang="en">Error Message</faultstring>
    </env:Fault>
```

```
    </env:Body>
</env:Envelope>
```

1.10.1.3 Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.
Incorrect Password	Authentication failed. Please provide a valid Password.
Certificate chain not provided	Please provide the Certificate Chain
Signature not provided	Please provide a Digital Signature Certificate.
The digital signature certificate does not match with the one registered	Invalid Digital Signature Certificate. Please retry.
Invalid Digital signature certificate.	Invalid Digital Signature Certificate. Please contact your Certificate Provider.
The trusted parent certificate could not be verified	Invalid Digital Signature Certificate. The trusted parent certificate could not be verified.
Acknowledgment Number not provided in request	Please provide Acknowledgment Number
Acknowledgment Number not provided is not valid	Invalid acknowledgment number

1.10.2   Retrieve ITR-V with Token Number and PAN

1.10.2.1 Parameters

Request

S. No.	Input Fields	Description	Validation	Mandatory
1	userID	User ID of the user	The User ID should be of 10 characters.	Yes
2	password	Password of the user		Yes
3	certChain			Yes
4	signature			Yes
5	tokenNumber	Token Number of Bulk ITR upload		Yes
6	panID	PAN of client	The panID should be of 10 characters.	Yes

Response

S. No.	Output Fields	Description
1	result	Status of ITR processing

1.10.2.2 SOAP

Request

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v="http://incometaxindiaefiling.gov.in/ws/ds/itrv/v_1_0"
xmlns:v1="http://incometaxindiaefiling.gov.in/ws/ds/common/v_1_0">

  <soapenv:Header/>

  <soapenv:Body>

    <v:itrvTokenNoRequestEle>

      <v:authInfo>

        <v1:userID>XXXXXXXXXX</v1:userID>

        <v1:password>XXXXXXXXXX</v1:password>

        <v1:certChain>XXXXXXXXXX</v1:certChain>

```
          <v1:signature>XXXXXXXXXX</v1:signature>
       </v:authInfo>
       <v:tokenNumber>XXXXXXXXXX</v:tokenNumber>
       <v:panID>XXXXXXXXXX</v:panID>
     </v:itrvTokenNoRequestEle>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">

 <env:Header/>

 <env:Body>

  <ns2:DITWSResponseEle xmlns:ns2="http://incometaxindiaefiling.gov.in/ws/ds/common/v_1_0">

    <ns2:result>xxxxxxxxxx</ns2:result>

  </ns2:DITWSResponseEle>

 </env:Body>

</env:Envelope>
```

Error

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <env:Fault xmlns:ns0="http://schemas.xmlsoap.org/soap/envelope/">
      <faultcode>ns0:Client</faultcode>
      <faultstring xml:lang="en">Error Message</faultstring>
    </env:Fault>
  </env:Body>
</env:Envelope>
```

1.10.2.3 Error Messages

Scenario	Error Message
User ID not provided in request	Please provide the User ID.
Incorrect User ID	Authentication failed. Please provide a valid User ID.
Password not provided in request	Please provide the Password.
Incorrect Password	Authentication failed. Please provide a valid Password.
Certificate chain not provided	Please provide the Certificate Chain
Signature not provided	Please provide a Digital Signature Certificate.
The digital signature certificate does not match with the one registered	Invalid Digital Signature Certificate. Please retry.
Invalid Digital signature certificate.	Invalid Digital Signature Certificate. Please contact your Certificate Provider.
The trusted parent certificate could not be verified	Invalid Digital Signature Certificate. The trusted parent certificate could not be verified.
Token Number not provided in request	Please provide Token Number
Token Number not provided is not valid	Invalid token
Specified Token not yet processed	Token not yet processed
PAN not provided in request	Please provide a PAN
Invalid PAN	Invalid PAN. Please retry.
ITR for PAN provided was not uploaded with Token provided	Pan not in token