swagger

Select a spec 1. BSecureDSSL WS API

REST API documentation - BSecure DSSL core 1.0

[Base URL: cqes-api.tst.srv/bsecuredsslv2]
https://cqes-api.tst.srv/bsecuredsslv2/v2/api-docs?group=1. BSecureDSSL WS API

BSecure DSSL is web service designed to calculate digests of documents to be signed and to create signed documents in CAdES, PAdES and XAdES forms. BSecure DSSL is B2B solution.

b-secure-dssl-controller REST APIs related to BSecure DSSL !!!

POST /v2/digest Get data to sign of the specified document getDigestUsingPOST

Get data to sign of the specified document taking into account the specified certificate and parameters.

Parameters

Try it out

Name	Description
Accept-language string *(header)*	Езикът, на който да бъдат върнати езиково-зависимите съобщения
certificate * required file *(formData)*	X509 Certificate used for signature.
content file *(formData)*	Content for second and more detached signatures.
crl file *(formData)*	Offline CRL file.
data * required file *(formData)*	Data over which digest should be calculated.
digestAlgorithm * required *(formData)*	Signature digest algorithm for calculating data to be signed. Supported algorithm are: SHA256, SHA384, SHA512
imageHeight *(formData)*	Set image height for visual signature of PAdES signed document.
imageWidth *(formData)*	Set image width for visual signature of PAdES signed document.
imageXAxis *(formData)*	Set image x axis for visual signature of PAdES signed document.
imageYAxis *(formData)*	Set image y axis for visual signature of PAdES signed document.
padesVisualSignature *(formData)*	Set visual signature on last page of PAdES signed document. Supported values are TRUE, FALSE. Default value FALSE.
pageNumber *(formData)*	Set page number for visual signature of PAdES signed document.

Name	Description
sessionId string *(header)*	Session identifier
signatureLevel * required *(formData)*	Signature level for calculating data to be signed. Supported levels are: CAdES_BASELINE_B, CAdES_BASELINE_T, CAdES_BASELINE_LT, CAdES_BASELINE_LTA, PAdES_BASELINE_B, PAdES_BASELINE_T, PAdES_BASELINE_LT, PAdES_BASELINE_LTA, XAdES_BASELINE_B, XAdES_BASELINE_T, XAdES_BASELINE_LT, XAdES_BASELINE_LTA.
signaturePackaging * required *(formData)*	Signature packaging for calculating data to be signed. Supported packagings are: ENVELOPED, ENVELOPING, DETACHED
signatureReason *(formData)*	Signature reason for calculating data to be signed.
xpathLocation *(formData)*	Area where the signature will be added (XAdES Enveloped).
xpathNamespaces *(formData)*	XPath signature namespaces (XAdES Enveloped) delimited with comma.
xpathPrefixes *(formData)*	XPath signature prefixes (XAdES Enveloped) delimited with comma.

Responses

Response content type application/json

Code | **Description**

200

Data to sign retrieved successfully

Example Value Model


```
{
  "code": "DOCUMENT_CREATE_DIGEST_SUCCESS",
  "digestTime": 0,
  "digestValue": "string",
  "message": "Successfully created digest."
}
```


400

Bad request, invalid criteria parameter.

Example Value Model


```
{
  "code": "BAD_REQUEST_SIGNATURE_FORM_MISSING",
  "message": "No signature form to calculate digest."
}
```


500

Internal server error

Example Value Model


```
{
  "code": "DIGEST_NOT_PRODUCED",
  "message": "Unexpected error occurred. Please try again later."
}
```


POST `/v2/digest/external` Get data to sign of the specified external digest(s) and file name(s) `getDigestExternalUsingPOST`

Get data to sign of the specified external digest taking into account the specified certificate and parameters.

Parameters

Try it out

Name	Description
Accept-language string *(header)*	Езикът, на който да бъдат върнати езиково-зависимите съобщения
certificate * required file *(formData)*	X509 Certificate used for signature.
crl file *(formData)*	Offline CRL file.
digestAlgorithm * required *(formData)*	Signature digest algorithm for calculating data to be signed. Supported algorithms are: SHA256, SHA384, SHA512
externalDigests * required *(formData)*	Signature external digests for calculating data to be signed.
fileNames * required *(formData)*	File names over which external digest is calculated.
sessionId string *(header)*	Session identifier
signatureLevel * required *(formData)*	Signature level for calculating data to be signed. Supported levels are: XAdES_BASELINE_B, XAdES_BASELINE_T, XAdES_BASELINE_LT, XAdES_BASELINE_LTA.
xpathLocation *(formData)*	Area where the signature will be added (XAdES Enveloped).
xpathNamespaces *(formData)*	XPath signature namespaces (XAdES Enveloped) delimited with comma.
xpathPrefixes *(formData)*	XPath signature prefixes (XAdES Enveloped) delimited with comma.

Responses **Response content type** application/json

Code	Description
200	*Data to sign retrieved successfully* **Example Value** Model `{ "code": "DOCUMENT_CREATE_DIGEST_SUCCESS", "digestTime": 0, "digestValue": "string", "message": "Successfully created digest." }`
400	*Bad request, invalid criteria parameter.* **Example Value** Model `{ "code": "BAD_REQUEST_SIGNATURE_FORM_MISSING", "message": "No signature form to calculate digest." }`

Code	Description
500	*Internal server error*

Example Value Model


```
{
  "code": "DIGEST_NOT_PRODUCED",
  "message": "Unexpected error occurred. Please try again later."
}
```


POST `/v2/document` Create signed document `createSignedDocumentUsingPOST`

Creates signed document taking into account the specified document, signature, certificate and parameters.

Parameters

Try it out

Name	Description
Accept-language `string` *(header)*	Езикът, на който да бъдат върнати езиково-зависимите съобщения
certificate * required `file` *(formData)*	X509 Certificate used for signature.
content `file` *(formData)*	Content for second and more detached signatures.
crl `file` *(formData)*	Offline CRL file.
data * required `file` *(formData)*	Data over which digest should be calculated.
digestAlgorithm * required *(formData)*	Signature digest algorithm for calculating data to be signed. Supported algorithms are: SHA256, SHA384, SHA512.
digestTime * required *(formData)*	Time of the digest calculation (in response from digest operation).
imageHeight *(formData)*	Set image height for visual signature of PAdES signed document.
imageWidth *(formData)*	Set image width for visual signature of PAdES signed document.
imageXAxis *(formData)*	Set image x axis for visual signature of PAdES signed document.
imageYAxis *(formData)*	Set image y axis for visual signature of PAdES signed document.
padesVisualSignature *(formData)*	Set visual signature on last page of PAdES signed document. Supported values are TRUE, FALSE. Default value FALSE.
pageNumber *(formData)*	Set page number for visual signature of PAdES signed document.

Name	Description
sessionId `string` *(header)*	Session identifier
signature * required `file` *(formData)*	Digital signature of digest.
signatureLevel * required *(formData)*	Signature level for calculating data to be signed. Supported levels are: CAdES_BASELINE_B, CAdES_BASELINE_T, CAdES_BASELINE_LT, CAdES_BASELINE_LTA, PAdES_BASELINE_B, PAdES_BASELINE_T, PAdES_BASELINE_LT, PAdES_BASELINE_LTA, XAdES_BASELINE_B, XAdES_BASELINE_T, XAdES_BASELINE_LT, XAdES_BASELINE_LTA.
signaturePackaging * required *(formData)*	Signature packaging for calculating data to be signed. Supported packagings are: ENVELOPED, ENVELOPING, DETACHED.
signatureReason *(formData)*	Signature reason for calculating data to be signed.
tsDigestAlgorithm *(formData)*	Signature timestamp digest algorithm for calculating timestamp of data to be signed. Supported algorithms are: SHA256, SHA512.
xpathLocation *(formData)*	Area where the signature will be added (XAdES Enveloped).
xpathNamespaces *(formData)*	XPath signature namespaces (XAdES Enveloped) delimited with comma.
xpathPrefixes *(formData)*	XPath signature prefixes (XAdES Enveloped) delimited with comma.

Responses

Response content type application/json

Code	Description
200	*Signed document data was retrieved successfully*
400	*Bad request, invalid criteria parameter.*

200 — **Example Value** Model


```
{
  "code": "DOCUMENT_CREATE_SIGNATURE_SUCCESS",
  "contentType": "string",
  "fileName": "string",
  "message": "Successfully created signed document.",
  "signedData": "string"
}
```


400 — **Example Value** Model


```
{
  "code": "BAD_REQUEST_SIGNATURE_FORM_MISSING",
  "message": "No signature form to calculate digest."
}
```

Code	Description
500	*Internal server error*

Example Value Model


```
{
  "code": "DIGEST_NOT_PRODUCED",
  "message": "Unexpected error occurred. Please try again later."
}
```


POST `/v2/document/extend` Extends signed document to upper level **extendSignedDocumentUsingPOST**

Extends signed document to upper level (BASELINE_LTA) or makes new Timestamp over the signed data.

Parameters Try it out

Name	Description
Accept-language `string` *(header)*	Езикът, на който да бъдат върнати езиково-зависимите съобщения
content `file` *(formData)*	Content file if document signature is detached.
crl `file` *(formData)*	Offline CRL file.
sessionId `string` *(header)*	Session identifier
signedContent * required `file` *(formData)*	Signed content (Signature file)

Responses Response content type application/json

Code	Description
200	*Extended signed document data was retrieved successfully*

Example Value Model


```
{
  "code": "EXTEND_DOCUMENT_SUCCESS",
  "extendedData": "string",
  "extendedDataContentType": "string",
  "extendedDataFileName": "string",
  "message": "Successfully created signed document.",
  "signatureForm": "XAdES",
  "signatureLevel": "XML-NOT-ETSI",
  "timestampNotAfter": 0
}
```


Code	Description
400	*Bad request, invalid criteria parameter.*

Example Value Model


```
{
  "code": "BAD_REQUEST_SIGNATURE_FORM_MISSING",
  "message": "No signature form to calculate digest."
}
```

Code	Description
500	*Internal server error*

Example Value Model


```
{
  "code": "DIGEST_NOT_PRODUCED",
  "message": "Unexpected error occurred. Please try again later."
}
```


POST `/v2/document/external` Create signed document with externally entered digests `createSignedDocumentExternalDigestUsingPOST`

Creates signed document taking into account the external digests, signature, certificate and parameters. Available only for XAdES files.

Parameters

Try it out

Name	Description
Accept-language `string` *(header)*	Езикът, на който да бъдат върнати езиково-зависимите съобщения
certificate * required `file` *(formData)*	X509 Certificate used for signature.
crl `file` *(formData)*	Offline CRL file.
digestAlgorithm * required *(formData)*	Signature digest algorithm for calculating data to be signed. Supported algorithms are: SHA256, SHA384, SHA512.
digestTime * required *(formData)*	Time of the digest calculation (in response from digest operation).
externalDigests * required *(formData)*	Signature external digests for calculating data to be signed.
fileNames * required *(formData)*	File names over which external digest is calculated.
sessionId `string` *(header)*	Session identifier
signature * required `file` *(formData)*	Digital signature of digest.
signatureLevel * required *(formData)*	Signature level for calculating data to be signed. Supported levels are: XAdES_BASELINE_B, XAdES_BASELINE_T, XAdES_BASELINE_LT, XAdES_BASELINE_LTA.
tsDigestAlgorithm *(formData)*	Signature timestamp digest method for calculating timestamp of data to be signed. Supported algorithms are SHA256, SHA512.
xpathLocation *(formData)*	Area where the signature will be added (XAdES Enveloped).
xpathNamespaces *(formData)*	XPath signature namespaces (XAdES Enveloped) delimited with comma.

Name	Description
xpathPrefixes *(formData)*	XPath signature prefixes (XAdES Enveloped) delimited with comma.

Responses

Response content type application/json

Code	Description
200	*Signed document data was retrieved successfully*

Example Value Model


```
{
  "code": "DOCUMENT_CREATE_SIGNATURE_SUCCESS",
  "contentType": "string",
  "fileName": "string",
  "message": "Successfully created signed document.",
  "signedData": "string"
}
```


Code	Description
400	*Bad request, invalid criteria parameter.*

Example Value Model


```
{
  "code": "BAD_REQUEST_SIGNATURE_FORM_MISSING",
  "message": "No signature form to calculate digest."
}
```


Code	Description
500	*Internal server error*

Example Value Model


```
{
  "code": "DIGEST_NOT_PRODUCED",
  "message": "Unexpected error occurred. Please try again later."
}
```


POST `/v2/document/timestamp` Standalone timestamp of PDF document `timestampPDFDocumentUsingPOST`

Timestamps PDF document.

Parameters

Try it out

Name	Description
Accept-language `string` *(header)*	Езикът, на който да бъдат върнати езиково-зависимите съобщения
pdfDocument * required `file` *(formData)*	PDF document content
sessionId `string` *(header)*	Session identifier
tsDigestAlgorithm * required *(formData)*	Standalone timestamp digest algorithm . Supported algorithms are: SHA256, SHA512.

Responses

Response content type application/json

Code	Description
200	*PDF document was timestamped successfully*

Example Value Model

```
{
  "code": "DOCUMENT_CREATE_SIGNATURE_SUCCESS",
  "contentType": "string",
  "fileName": "string",
  "message": "Successfully created signed document.",
  "signedData": "string"
}
```

Code	Description
400	*Bad request, invalid criteria parameter.*

Example Value Model

```
{
  "code": "BAD_REQUEST_SIGNATURE_FORM_MISSING",
  "message": "No signature form to calculate digest."
}
```

Code	Description
500	*Internal server error*

Example Value Model

```
{
  "code": "DIGEST_NOT_PRODUCED",
  "message": "Unexpected error occurred. Please try again later."
}
```

POST `/v2/document/validate` Validate signed document `validateSignedDocumentUsingPOST`

Validate signed document producing simple and detailed report.

Parameters

Try it out

Name	Description
Accept-language `string` *(header)*	Езикът, на който да бъдат върнати езиково-зависимите съобщения
attachContentToResult *(formData)*	Add base64 encoded content to result. Supported values are: TRUE, FALSE. Default value FALSE.
attachValidationCertificatesToResult *(formData)*	Add base64 encoded certificates to result. Supported values are: TRUE, FALSE. Default value FALSE.
attachValidationReportsToResult *(formData)*	Add base64 encoded reports to result. Supported values are: TRUE, FALSE. Default value FALSE.
content `file` *(formData)*	Content file if document signature is detached.
crl `file` *(formData)*	Offline CRL file.
sessionId `string` *(header)*	Session identifier
signedContent * required `file` *(formData)*	Signed content (Signature file)

Name	Description
validationLevel *(formData)*	Validation level to be used for validation. If none is specified - it is determined by the document structure. Supported validation levels are: BASIC_SIGNATURES, TIMESTAMPS, LONG_TERM_DATA, ARCHIVAL_DATA.

Responses

Response content type application/json

Code	Description
200	*Validated signed document reports produced successfully*

Example Value Model


```
{
  "code": "VALIDATE_DOCUMENT_SUCCESS",
  "message": "Successfully validated signed document.",
  "documentStatusValid": "TRUE/FALSE",
  "signatureFileName": "string",
  "signaturesCount": 1,
  "validSignaturesCount": 1,
  "validationDateTime": 1562928569725,
  "base64EncodedSimpleReportXML": "PD94bWwgdmVyc2lvbj0iMS4wIiBlbmNvZGluZz...",
  "base64EncodedDetailedReportXML": "PD94bWwgdmVyc2lvbj0iMS4wIiBlbmNvZGluZz...",
  "base64EncodedETSIValidationReportXML": "PD94bWwgdmVyc2lvbj0iMS4wIiBlbmNvZGluZz...",
  "signatures": [
    {
      "signatureId": "id-96bf82b529819af1216f504c66cf0825",
      "signatureValid": "TRUE/FALSE",
      "digestAlgorithm": "SHA256",
      "signatureAlgorithm": "RSA_SHA256",
      "signatureFileContentType": "text/xml",
      "signatureForm": "XAdES",
      "signatureLevel": "XAdES-BASELINE-LTA",
      "signatureTime": 1562928569725,
      "signedBy": "Ivan Ivanov",
      "signerCertificateID": "id-96bf82b529819af1216f504c66cf0837",
      "signerCertificateDN": "Signed DN",
      "signerBase64EncodedCertificate": "MIIHMzCCBRugAwIBAgIIaQ5Pt5rtE5QwDQYJKo...",
      "signerPersonalIdentifier": 1111111111,
```


Code	Description
400	*Bad request, invalid criteria parameter.*

Example Value Model


```
{
  "code": "BAD_REQUEST_SIGNATURE_FORM_MISSING",
  "message": "No signature form to calculate digest."
}
```


Code	Description
500	*Internal server error*

Example Value Model


```
{
  "code": "DIGEST_NOT_PRODUCED",
  "message": "Unexpected error occurred. Please try again later."
}
```


Models

BadRequestErrorResponseDto {

```
code                    string
                        example: BAD_REQUEST_SIGNATURE_FORM_MISSING
                        Internal code
message                 string
                        example: No signature form to calculate digest.
                        Error response message
}
```

DigestResponseDto {

```
code                    string
                        example: DOCUMENT_CREATE_DIGEST_SUCCESS
                        Internal code
digestTime              integer($int64)
                        Digest value time
digestValue             string($byte)
                        Digest value
message                 string
                        example: Successfully created digest.
                        Response message
}
```

DocumentExtendResponseDto {

```
code                        string
                            example: EXTEND_DOCUMENT_SUCCESS
                            Internal code
extendedData                string($byte)
                            Extended signed document value
extendedDataContentType     string
                            Signed document content type
extendedDataFileName        string
                            Signed document file name
message                     string
                            example: Successfully created signed document.
                            Response message
signatureForm               string
                            Signature form value
                            Enum:
                                [ XAdES, CAdES, PAdES, PKCS7 ]
signatureLevel              string
                            Signature level value
                            Enum:
                                [ XML-NOT-ETSI, XAdES-C, XAdES-X, XAdES-XL, XAdES-A, XAdES-BASELINE-LTA, XAdES-BASELINE-LT, XAdES-
                            BASELINE-T, XAdES-BASELINE-B, CMS-NOT-ETSI, CAdES-BASELINE-LTA, CAdES-BASELINE-LT, CAdES-BASELINE-T,
                            CAdES-BASELINE-B, CAdES-101733-C, CAdES-101733-X, CAdES-101733-A, PDF-NOT-ETSI, PAdES-BASELINE-LTA,
                            PAdES-BASELINE-LT, PAdES-BASELINE-T, PAdES-BASELINE-B, PKCS7-B, PKCS7-T, PKCS7-LT, PKCS7-LTA, UNKNOWN ]
timestampNotAfter           integer($int64)
                            Timestamp not after value
}
```

DocumentResponseDto {

```
code                    string
                        example: DOCUMENT_CREATE_SIGNATURE_SUCCESS
                        Internal code
contentType             string
                        Signed document content type
fileName                string
                        Signed document file name
message                 string
                        example: Successfully created signed document.
                        Response message
signedData              string($byte)
                        Signed document value
}
```

InternalServerErrorResponseDto {

```
code                    string
                        example: DIGEST_NOT_PRODUCED
                        Internal code
message                 string
                        example: Unexpected error occurred. Please try again later.
                        Error response message
}
```

RevocationTokenDto {

```
revocationReason               string
                               example: null
                               Signer certificate revocation reason
revocationTime                 integer($int64)
                               example: 0
                               Revocation time in miliseconds from 1970
revocationTokenProductionTime  integer($int64)
                               example: 0
                               Revocation token production time in miliseconds from 1970
```

}

SignatureDto {

```
signatureId                          string
                                     example: id-96bf82b529819af1216f504c66cf0825
                                     Signature Id
signatureValid                       string
                                     example: TRUE/FALSE
                                     Signature valid
digestAlgorithm                      string
                                     example: SHA256
                                     Digest algorithm
signatureAlgorithm                   string
                                     example: RSA_SHA256
                                     Signature algorithm
signatureFileContentType             string
                                     example: text/xml
                                     Signature file content type
signatureForm                        string
                                     example: XAdES
                                     Signature form
signatureLevel                       string
                                     example: XAdES-BASELINE-LTA
                                     Signature level
signatureTime                        integer($int64)
                                     example: 1562928569725
                                     Signature time in miliseconds from 1970
signedBy                             string
                                     example: Ivan Ivanov
                                     Signed by
signerCertificateID                  string
                                     example: id-96bf82b529819af1216f504c66cf0837
                                     Signer certificate ID
signerCertificateDN                  string
                                     example: Signed DN
                                     Signer Certificate DN
signerBase64EncodedCertificate       string
                                     example: MIIHMzCCBRugAwIBAgIIaQ5Pt5rtE5QwDQYJKo...
                                     Signer certificate
signerPersonalIdentifier             string
                                     example: 1111111111
                                     Signer personal identifier
signerOrganizationIdentifier         string
                                     example: 1111111111
                                     Signer organization identifier
signerCertificateSerialNumber        integer
                                     example: 600035678
                                     Signer certificate serial number identifier
signerCertificateSignatureIsValid    string
                                     example: TRUE/FALSE
                                     Signer certificate signature is valid
signerCertificateIsTrusted           string
                                     example: TRUE/FALSE
                                     Signer certificate is trusted
signerCertificateSignatureAlgorithm  string
                                     example: RSA_SHA256
                                     Signer certificate signature algorithm
issuerCertificateDN                  string
                                     example: CN=B-Trust Operational Qualified CA, OU=B-Trust, O=BORICA AD, OID.2.5.4.97=NTRBG-
                                     201230426, C=BG
                                     Issuer certificate DN
issuerBase64EncodedCertificate       string
                                     example: MIIHMzCCBRugAwIBAgIIaQ5Pt5rtE5QwDQYJKo...
                                     Issuer certificate
signatureIdAndBase64EncodedContent       {
                                     description:        Content

                                     < * >:              string
                                     }
timestampsDtos                           [
                                     Timestamp detailed data
```

TimestampTokenDto {

```
timestampTokenID                  string
                                  example: id-96bf82b529819af1216f504c66cf0828
                                  Timestamp token id
timestampGenerationTime           integer($int64)
                                  example: 1562928569725
                                  Timestamp token time in miliseconds from 1970
timestampType                     string
                                  example: SIGNATURE_TIMESTAMP
                                  Timestamp type
timestampCertificateTokensIDs         [
                                  example: id-96bf82b529819af1216f504c66cf0828
                                  Timestamp certificate tokens ids
                                  string]
```

timestampCertificateTokensTrusted [
example: TRUE/FALSE
Timestamp certificate token trusted list
string]

timestampCertificateDNs [
example: CN=B-Trust Qualified Time Stamp Authority, OU=B-Trust, O=BORICA AD, OID.2.5.4.97=NTRBG-201230426, C=BG
Timestamp issuers list
string]

timestampBase64EncodedCertificates [
example: MIIHMzCCBRugAwIBAgIIaQ5Pt5rtE5QwDQYJKo...
Timestamp certificates
string]

timestampDigestAlgorithms [
example: SHA256
Timestamp digest algorithms
string]

timestampSignatureAlgorithms [
example: RSA_SHA256
Timestamp signature algorithms
string]

}]

revocationTokenDtos [
Revocation detailed data

RevocationTokenDto {

revocationReason string
example: null
Signer certificate revocation reason

revocationTime integer($int64)
example: 0
Revocation time in miliseconds from 1970

revocationTokenProductionTime integer($int64)
example: 0
Revocation token production time in miliseconds from 1970

}]

signatureInfosList [
Signature info list
string]

signatureWarningsList [
Signature warning list
string]

signatureErrorsList [
Signature error list
string]

}

TimestampTokenDto {

timestampTokenID string
example: id-96bf82b529819af1216f504c66cf0828
Timestamp token id

timestampGenerationTime integer($int64)
example: 1562928569725
Timestamp token time in miliseconds from 1970

timestampType string
example: SIGNATURE_TIMESTAMP
Timestamp type

timestampCertificateTokensIDs [
example: id-96bf82b529819af1216f504c66cf0828
Timestamp certificate tokens ids
string]

timestampCertificateTokensTrusted [
example: TRUE/FALSE
Timestamp certificate token trusted list
string]

timestampCertificateDNs [
example: CN=B-Trust Qualified Time Stamp Authority, OU=B-Trust, O=BORICA AD, OID.2.5.4.97=NTRBG-201230426, C=BG
Timestamp issuers list
string]

timestampBase64EncodedCertificates [
example: MIIHMzCCBRugAwIBAgIIaQ5Pt5rtE5QwDQYJKo...
Timestamp certificates
string]

timestampDigestAlgorithms [
example: SHA256
Timestamp digest algorithms
string]

timestampSignatureAlgorithms [
example: RSA_SHA256
Timestamp signature algorithms
string]

}

ValidateDocumentResponseDto {

```
ValidateDocumentResponseDto {
    code                                string
                                        example: VALIDATE_DOCUMENT_SUCCESS
                                        Internal code
    message                             string
                                        example: Successfully validated signed document.
                                        Response message
    documentStatusValid                 string
                                        example: TRUE/FALSE
                                        Validated signed document status
    signatureFileName                   string
                                        Signature file name
    signaturesCount                     integer($int32)
                                        example: 1
                                        Number of signatures over the validating document
    validSignaturesCount                integer($int32)
                                        example: 1
                                        Number of valid signatures over the validating document
    validationDateTime                  integer($int64)
                                        example: 1562928569725
                                        Validation time in miliseconds from 1970
    base64EncodedSimpleReportXML        string
                                        example: PD94bWwgdmVyc2lvbj0iMS4wIiBlbmNvZGluZz...
                                        Base 64 encoded simple report XML
    base64EncodedDetailedReportXML      string
                                        example: PD94bWwgdmVyc2lvbj0iMS4wIiBlbmNvZGluZz...
                                        Base 64 encoded detailed report XML
    base64EncodedETSIValidationReportXML string
                                        example: PD94bWwgdmVyc2lvbj0iMS4wIiBlbmNvZGluZz...
                                        Base 64 encoded ETSI validation report XML
    signatures                              [
                                        Single signature data
                                        SignatureDto    {
        signatureId                             string
                                                example: id-96bf82b529819af1216f504c66cf0825
                                                Signature Id
        signatureValid                          string
                                                example: TRUE/FALSE
                                                Signature valid
        digestAlgorithm                         string
                                                example: SHA256
                                                Digest algorithm
        signatureAlgorithm                      string
                                                example: RSA_SHA256
                                                Signature algorithm
        signatureFileContentType                string
                                                example: text/xml
                                                Signature file content type
        signatureForm                           string
                                                example: XAdES
                                                Signature form
        signatureLevel                          string
                                                example: XAdES-BASELINE-LTA
                                                Signature level
        signatureTime                           integer($int64)
                                                example: 1562928569725
                                                Signature time in miliseconds from 1970
        signedBy                                string
                                                example: Ivan Ivanov
                                                Signed by
        signerCertificateID                     string
                                                example: id-96bf82b529819af1216f504c66cf0837
                                                Signer certificate ID
        signerCertificateDN                     string
                                                example: Signed DN
                                                Signer Certificate DN
        signerBase64EncodedCertificate          string
                                                example: MIIHMzCCBRugAwIBAgIIaQ5Pt5rtE5QwDQYJKo...
                                                Signer certificate
        signerPersonalIdentifier                string
                                                example: 1111111111
                                                Signer personal identifier
        signerOrganizationIdentifier            string
                                                example: 1111111111
                                                Signer organization identifier
        signerCertificateSerialNumber           integer
                                                example: 600035678
                                                Signer certificate serial number identifier
        signerCertificateSignatureIsValid       string
                                                example: TRUE/FALSE
                                                Signer certificate signature is valid
        signerCertificateIsTrusted              string
                                                example: TRUE/FALSE
                                                Signer certificate is trusted
        signerCertificateSignatureAlgorithm     string
                                                example: RSA_SHA256
                                                Signer certificate signature algorithm
        issuerCertificateDN                     string
                                                example: CN=B-Trust Operational Qualified CA, OU=B-Trust, O=BO
                                                OID.2.5.4.97=NTRBG-201230426, C=BG
                                                Issuer certificate DN
        issuerBase64EncodedCertificate          string
                                                example: MIIHMzCCBRugAwIBAgIIaQ5Pt5rtE5QwDQYJKo...
                                                Issuer certificate
        signatureIdAndBase64EncodedContent          {
                                                    description:        Content

                                                    < * >:              string
                                                  }
        timestampsDtos                              [
                                                Timestamp detailed data
                                                TimestampTokenDto    {
```

timestampTokenID string
example: id-96bf82b529819af1216f504c
Timestamp token id
timestampGenerationTime integer($int64)
example: 1562928569725
Timestamp token time in m
1970
timestampType string
example: SIGNATURE_TIMEST
Timestamp type
timestampCertificateTokensIDs [
example: id-96bf82b529819af1216f504c
Timestamp certificate tok
string]
timestampCertificateTokensTrusted [
example: TRUE/FALSE
Timestamp certificate tok
string]
timestampCertificateDNs [
example: CN=B-Trust Qual
Authority, OU=B-Trust, O=
OID.2.5.4.97=NTRBG-20123
Timestamp issuers list
string]
timestampBase64EncodedCertificates [
example: MIIHMzCCBRugAwIBAgIIaQ5P
Timestamp certificates
string]
timestampDigestAlgorithms [
example: SHA256
Timestamp digest algorit
string]
timestampSignatureAlgorithms [
example: RSA_SHA256
Timestamp signature algor
string]

}]
revocationTokenDtos [
Revocation detailed data
RevocationTokenDto {
revocationReason string
example: null
Signer certificate revocation
revocationTime integer($int64)
example: 0
Revocation time in miliseconds
revocationTokenProductionTime integer($int64)
example: 0
Revocation token production ti
miliseconds from 1970

}]
signatureInfosList [
Signature info list
string]
signatureWarningsList [
Signature warning list
string]
signatureErrorsList [
Signature error list
string]

}]

}