QUICK START GUIDE

to DBNA SML/SMP registration API via mTLS

mTLS

By registering with DBNA, C2/C3 partners received their certificates. With these certificates and private keys, partners can register/manage their C1/C4 clients using mTLS requests for SML and SMP records.

Use your *TEST* environment certificate to manage records of a *TEST* SML/SMP, and *PRODUCTION* environment certificate to manage the *PROD* SML/SMP service.

The description of endpoints can be found here:
https://smp.dbnalliance.net/mtls-api-doc.html
https://smp.dbnalliance.net/swagger-ui/index.html (Swagger)

To receive a confirmation receipt document, please provide the requestor's email address in a request.

Register SML record

participantId required	string non-empty	
	ID of C1/C4 participant	
smpUrl required	string non-empty	
	SMP URL of the service that handles requests for the PARTNER IDENTIFIER	
companyName required	string non-empty	
	C1 or C4 participant company name on behalf of which this request is made (owner of Participant ID)	
companyEmail required	string <email> non-empty	
	C1 or C4 participant contact email on behalf of which this request is made (owner of Participant ID)	
requestorName required	string non-empty	
	The name of the person who sent the request	
requestorEmail	string <email>	
	Optional e-mail for sending a confirmation	

Responses

✓ 200 OK

RESPONSE SCHEMA: */*

⊣ naptrDomainPublished	string
	Published DNS name

```
Shell
curl -X POST https://api-dbna.docstudio.com/register/sml \
  --cert /path/to/cert.pem \
  --key /path/to/key.pem \
  -H "Content-Type: application/json" \
  -d '{
      "participantId": "DUNS::1234567489",
      "smpUrl": "https://comp-smp.com",
      "companyName": "Demo Company",
      "companyEmail": "user@example.com",
      "requestorName": "John Doe",
      "requestorEmail": "jogn.doe@test.com"
}'
```

Cancel SML record

participantId
required
string `non-empty`
Participant ID

requestorName
required
string `non-empty`
The name of the person who sent the request

requestorEmail
string <email>
Optional e-mail for sending a confirmation

Responses

— **200** OK

Shell

```shell
curl -X POST https://api-dbna.docstudio.com/register/sml/cancel \
  --cert /path/to/cert.pem \
  --key /path/to/key.pem \
  -H "Content-Type: application/json" \
  -d '{
      "participantId": "DUNS::1234567489",
      "requestorName": "John Doe",
      "requestorEmail": "jogn.doe@test.com"
}'
```

Register SMP record

participantId **required**	string `non-empty` Participant ID	
documentType **required**	string `non-empty` Document Type ID	
url **required**	string `non-empty` The absolute URL where business documents of this document type shall be sent	
contact **required**	string <email> `non-empty` The customer email responsible for the record	
requestorName **required**	string `non-empty` The name of the person who sent the request	
requestorEmail	string <email> Optional e-mail for sending a confirmation	
description	string Human readable description of the certificate/record	

Responses

⌄ 200 OK

RESPONSE SCHEMA: */*

⌐ urlPublished	string URL of the published XML file

```
Shell
curl -X POST https://api-dbna.docstudio.com/register/smp \
  --cert /path/to/cert.pem \
  --key /path/to/key.pem \
  -H "Content-Type: application/json" \
  -d '{
      "participantId": "DUNS::1234567489",
      "documentType":
      "bdx-docid-qns::urn:oasis:names:specification:ubl:schema:xsd:Invoice-2
      ::Invoice##DBNAlliance-1.0-data-Core",
      "url": "https://ap.test.com",
      "contact": "user@example.com",
      "requestorName": "John Doe",
      "requestorEmail": "jogn.doe@test.com",
      "description": "DBNA Invoice Access Point"
  }'
```

Cancel SMP record

participantId
required
string non-empty
Participant ID

documentType
required
string non-empty
Document Type ID

contact
required
string <email> non-empty
The customer email responsible for the record

requestorName
required
string non-empty
The name of the person who sent the request

requestorEmail
string <email>
Optional e-mail for sending a confirmation

Responses

— 200 OK

```shell
Shell
curl -X POST https://api-dbna.docstudio.com/register/smp/cancel \
  --cert /path/to/cert.pem \
  --key /path/to/key.pem \
  -H "Content-Type: application/json" \
  -d '{
      "participantId": "DUNS::1234567489",
      "documentType":
      "bdx-docid-qns::urn:oasis:names:specification:ubl:schema:xsd:Invoice-2
      ::Invoice##DBNAlliance-1.0-data-Core",
      "url": "https://ap.test.com",
      "contact": "user@example.com",
      "requestorName": "John Doe",
      "requestorEmail": "jogn.doe@test.com"
}'
```

Q&A

Please send your questions to js@docstudio.com