

# Interface Design Description (IDD) Onboarding

25 september 2019

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Document title	Document type
IDD Onboarding	v1.0
Date	Version
September 25, 2019	1.0
Author	Status
Silia Maksuti	Draft
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## 1 Interface Design Description Overview

This document describes the Onboarding service with the REST interface.

## 2 Interfaces

According to SD document(. . .), Onboarding service has the following functions implemented as shown in the table below.

Table 1: Onboarding Functions

Function	URL Path	Method	Input	Output
certificate	"/certificate"	POST	OnboardingWithCertificate	OnboardingResponse
sharedKey	"/sharedKey"	POST	OnboardingWithSharedKey	OnboardingResponse

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## 3 Information Model

### 3.1 OnboardingWithCertificate

**POST** /onboarding/certificate Onboarding with certificate request

Parameters Try it out

No parameters

Request body application/json

Example Value | Model

```
{
  "certificateRequest": "string"
}
```

Figure 1: Onboarding with Certificate

### 3.2 OnboardingWithSharedKey

**POST** /onboarding/sharedKey Onboarding with shared key

Parameters Try it out

No parameters

Request body application/json

Example Value | Model

```
{
  "name": "string",
  "sharedKey": "string"
}
```

Figure 2: Onboarding with sharedKey

### 3.3 OnboardingResponse

## 4 Revision history

### 4.1 Amendments

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Responses

Code	Description	Links
default	<div>application/json</div> <div>Controls Accept header.</div> <div>Example Value   Model</div> <pre>{   "success": true,   "services": [     {       "uri": "string",       "service": "AUTH_CONTROL_SERVICE"     }   ],   "onboardingCertificate": "string",   "intermediateCertificate": "string",   "rootCertificate": "string",   "keyAlgorithm": "string",   "keyFormat": "string",   "privateKey": [     "string"   ],   "publicKey": [     "string"   ] }</pre>	No links

Figure 3: Onboarding Response

No.	Date	Version	Subject of Amendments	Author
1	2019-09-23	1.0	Initial Version	Silia Maksuti, Mario Zsilak