[PRIVYID] API Documentation v1.2

	PRIVY IDENTITAS DIGITAL	No. Form: 002/API/IT/PID/XI/2018
	Jl. Kemang Raya No. 15 C, Lantai 4, Bangka, Mampang Prapatan, Jakarta Selatan 12730 021 22715509 | assist@privy.id | www.privy.id	Revision: 00
		Date: 16 December 2018
	PrivyID API Documentation v1.2	*Restricted Document*

No : 1612201802
Date : 16-Dec-2018

Document History

Date	Document Version	Description
December 16, 2018	1.0	General API Documentation
February 12, 2019	1.1	Re-edit responses and edit writing method
March 22, 2019	1.2	Add parameter identity, change participant to recipient, deleting userid parameter

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A. Request Information

Endpoint

Development	`http://api-sandbox.privy.id/v3/merchant`
Production	

Authentication

Create the authorization on http://developer.privy.id/dashboard/merchants/list and login with your

PrivyID. the authorization following HTTP(S) BASIC AUTH convention:

● Select type BASIC AUTH

● Username is your application name and the password is randomly generated from

that page.

Header of Request

Parameter's name	Description	Required
Merchant-Key	Merchant Unique Key	Yes
Content-Type	form-data	Yes

Postman Collection
http://bit.ly/PrivyAPI

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B. API Reference

1. Registration

REQUEST

POST   /**registration**

BODY OF REQUEST

Parameter's name	Type	Example	Description
email*	String	user@usermail.com	User's email
phone*	String	08233324223	User's phone number
selfie*	File	ExampleSelfie.png	Face close up photo of Registrant on image format (.png/ .jpg/ .jpeg)
ktp*	File	ExampleKTP.png	User's identity card on image format (.png/ .jpg/ .jpeg)

identity*	Object[]	{
		"nik": "1234567890123456",
		"nama": "Kendall jenner"
		}
			Registrant's identity, nik required.

* : Required

RESPONSE PARAMETER

Parameter's name	Type	Description
code	String	HTTP Status Code
data	Object[]	User's information
email	String	User's email
phone	String	User's phone
userToken	String	User's random token generated from Privy system
status	String	User's status. Value : **waiting**
message	String	Message of response

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Response

1. Success

```
{
    "code": 201,
    "data": {
        "email": "mail@example.com",
        "phone": "+62834988803591",
        "userToken":
"0316a5332d05e5eb86a93ce13608252753e7f2b808c7e5739d8cb340a62acd9d",
        "status": "waiting"
    },
    "message": "Waiting for Verification"
}
```

2. Blank or invalid email/phone/ktp/selfie

```
{
    "code": 422,
    "errors": [
        {
            "field": "email",
            "messages": [
                "is required",
                "cannot be blank",
                "is invalid",
            ]
        }
    ],
    "message": "Validation(s) Error"
}
```

3. Blank or Invalid Identity

```
{
    "code": 422,
    "errors": [
        {
            "field": "identity.nik",
            "messages": [
                "can't be blank",
                "NIK must be 16 digit number",
            ]
        }
    ],
    "message": "Validation(s) Error"
}
```

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4. Invalid format of KTP and Selfie

```
{
    "code": 422,
    "errors": [
        {
            "field": "selfie",
            "messages": [
                "file must be image jpg or png"
            ]
        }
    ],
    "message": "Validation(s) Error"
}
```

5. Already register but still in a verification process

```
{
    "code": 422,
    "errors": [
        {
            "field": "email",
            "messages": [
                "Email blackparad199e@dsfa.com has been registered, is
still a verification process"
            ]
        },
        {
            "field": "phone",
            "messages": [
                "Phone +62834921303591 has been registered, is still a
verification process"
            ]
        }
    ],
    "message": "Validation(s) Error"
}
```

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6. Registered phone or email

```
{
    "code": 422,
    "errors": [
        {
            "field": "phone",
            "messages": [
                "Phone +62898321303511 already registered"
            ]
        }
    ],
    "message": "Validation(s) Error"
}
```

2. Check Registration Status

REQUEST

POST   **/registration**/status

BODY OF REQUEST

Parameter's name	Type	Example	Description
token*	String	bec11d7ff1e1d592133745fbb7d166eefcfb376b24bd349eb9666b37a341599e	User's token from Registration API

* : Required

RESPONSE PARAMETER

Parameter's name	Type	Description
code	String	HTTP Status Code
data	Object[]	User's information
email	String	User's email
phone	String	User's phone
data	Object[]	
privyId	String	User's PrivyID
userToken	String	User's random token generated from Privy system
status	String	User's status. Value : **waiting, rejected, verified, registered**
identity	Object[]	User's identity based on his/her ID Card

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nama	String	User's name
nik	String	User's identity number
tanggalLahir	String	User's birthdate
tempatLahir	String	User's birthplace
message	String	Message of response

Response

1. Success – waiting

```
{
    "code": 201,
    "data": {
        "userToken":
"a6f6091957621592475cd6223974bdf2548857e89888efa0cb834769213366e4",
        "status": "waiting"
    },
    "message": "Waiting for Verification"
}
```

2. Success – rejected

```
{
    "code": 201,
    "data": {
        "userToken":
"ea75b750d1c06ee91859b8975105b7a86dc7267878f1c05327b23b636876365c",
        "status": "rejected",
        "reject": {
            "code": "001",
            "reason": "KTP ada di Google"
        }
    },
    "message": "Data Rejected"
}
```

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3. Success – verified

```
{
    "code": 201,
    "data": {
        "privyId": "DE9728",
        "email": "ainulgoweb28@gmail.com",
        "phone": "+62858260139728",
        "processedAt": "2019-02-11 08:10:03 UTC",
        "userToken":
"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6ImFpbnVsZ293ZWIyOEBnbWFpbC5jb
20iLCJleHAiOjE1NTA0NzE5Mjh9.rUC4_XKXUzazK93ZpyPyKoq9f2Mt4didBwGLeP48vKM",
        "status": "verified",
        "identity": {
            "nama": "Dendy Nopendy",
            "nik": "3175041111800013",
            "tanggalLahir": "1980-11-11",
            "tempatLahir": "Jakarta"
        }
    },
    "message": "Data Verified"
}
```

4. Success – registered

```
{
    "code": 201,
    "data": {
        "privyId": "NI9972",
        "email": "pu.ji.ra.h.m.adi.y.ant.o@gmail.com",
        "phone": "+62898449972",
        "processedAt": "2019-02-12 06:43:47 UTC",
        "userToken":
"71ecb3b4dacdc238d38e7db3e3f4cc2df469747694b673077abdb908329dbdcf",
        "status": "registered",
        "identity": {
            "nama": "Nita Pujiastuti",
            "nik": "3404085403930001",
            "tanggalLahir": "1993-3-14",
            "tempatLahir": "Bantul"
        }
    },
    "message": "Data has been Registered"
}
```

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5. Invalid userToken

```
{
    "code": 404,
    "errors": [],
    "message": "Unable to find userToken wR0nGuS3rT0kEn"}
}
```

3. Upload Document

REQUEST

POST   **/document**/upload

BODY OF REQUEST

Parameter's name	Type	Example	Description
documentTitle*	String	`Example Title`	Document title
docType*	String	`Serial`	Document workflow. Value : **Serial, Parallel**
owner*	String	```{ "privyId":"AB1234", "enterpriseToken": "41bc84b42c8543daf448d893c2 55be1dbdcc722e" }```	Document owner. Contains privyId and enterpriseToken, enterpriseToken on example column can be used for Development Environment. Every merchant has their own enterpriseToken and use them in Production Environment.
document*	File	`Exampledoc.pdf`	Document with **pdf** format.
recipients*	Object[]	```[{ "privyId": "TES002", "type": "Signer", "enterpriseToken": "41bc84b42c8543daf448d893c2 55be1dbdcc722e" }, { "privyId": "TES001", "type": "Reviewer", "enterpriseToken": "" }]```	Recipients list. Type can be : **Signer, Reviewer.** If the document type is Serial, the signing or reviewing process will be based on the order of recipients.

* : Required

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Document workflow :

- **Serial :** the signing or reviewing process will be based on the order of recipients

- **Parallel :** signer or reviewer can sign the document without having to wait for a previous one

RESPONSE PARAMETER

Parameter's name	Type	Description
code	String	HTTP Status Code
data	Object[]	
docToken	String	Document token, generated by Privy system
urlDocument	String	Document link to sign or view
recipients	Object[]	Recipients list
privyId	String	User's privyId
type	String	Recipient's role on the document (**Signer** and **Reviewer**), case sensitive.
enterpriseToken	String	Merchant's token
message	String	Message of response

Response

1. Success

```
{
    "code": 201,
    "data": {
        "docToken":
"61c29277d95c3d06aa80617f60a8f2fa11e3a3a7a63ce431070493a931ecb7a8",
        "urlDocument": "https://sign-
sandbox.privy.id/61c29277d95c3d06aa80617f60a8f2fa11e3a3a7a63ce431070493a931
ecb7a8",
        "recipients": [
            {
                "privyId": "KE8226",
                "type": "Reviewer",
                "enterpriseToken": null
            },
            {
                "privyId": "TES002",
                "type": "Signer",
                "enterpriseToken": null
            }
        ]
    },
    "message": "Document successfully upload and shared"
```

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```
}
```

2. Invalid format of document

```json
{
    "code": 422,
    "errors": [
        {
            "field": "document",
            "messages": [
                "file must be pdf"
            ]
        }
    ],
    "message": "Validation(s) Error"
}
```

3. Invalid PrivyID

```json
{
    "code": 422,
    "errors": [
        {
            "field": "recipients.0.privyId",
            "messages": [
                "privyId AI7277 not found"
            ]
        }
    ],
    "message": "Validation(s) Error"
}
```

4. Invalid type on recipient list

```json
{
    "code": 422,
    "errors": [
        {
            "field": "recipients.0.type",
            "messages": [
                "Only fill with Signer or Reviewer"
            ]
        }
    ],
    "message": "Validation(s) Error"
}
```

5. Owner PrivyID didn't registered in that enterprise

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```
{
    "code": 422,
    "errors": [
        {
            "field": "owner.privyId",
            "messages": [
                "privyId TXS001 not found"
            ]
        }
    ],
    "messages": "Validation(s) Error"
}
```

6. Invalid enterprise token

```
{
    "code": 422,
    "errors": [
        {
            "field": "owner.enterpriseToken",
            "messages": [
                "Invalid EnterpriseToken"
            ]
        }
    ],
    "messages": "Validation(s) Error"
}
```

7. Blank enterprise token

```
{
    "code": 422,
    "errors": [
        {
            "field": "owner.enterpriseToken",
            "messages": [
                "can't be blank"
            ]
        }
    ],
    "messages": "Validation(s) Error"
}
```

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4. Check Document Status

REQUEST

```
GET     /document/status/:docToken
```

PARAMS REQUEST

Parameter's name	Type	Example	Description
docToken*	String	e9749bef897b0594c16d63f61fdab00c264cae27b2919241dc04f1331b47dc44	Document token from Upload API

* : Required

RESPONSE PARAMETER

Parameter's name	Type	Description
code	String	HTTP Status Code
data	Object[]	Document token, generated by Privy system
docToken	String	Link to sign document
documentStatus	String	Document status. Value : **Completed, In Progress**
urlDocument	String	Link to view or download original and signed document
recipients	Object[]	Recipient list
privyId	String	User's privyId
type	String	Recipient's role on the document (**Signer** and **Reviewer**)
signatoryStatus	String	Recipient's status. Value : **Completed, In Progress**
message	String	Message of response

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Response

   1.   Success – Completed Document

```
{
    "code": 200,
    "data": {
        "docToken":
"bb5e12c77438f60da1f2ab6e566c5aeb6d03561bec3e5d588f7e240e4c164120",
        "recipients": [
            {
                "privyId": "AB1234",
                "type": "Reviewer",
                "signatoryStatus": "Completed"
            },
            {
                "privyId": "DE3456",
                "type": "Signer",
                "signatoryStatus": "Completed"
            }
        ],
        "documentStatus": "Completed",
        "urlDocument": "https://sign-
sandbox.privy.id/doc/bb5e12c77438f60da1f2ab6e566c5aeb6d03561bec3e5d588f7e24
0e4c164120"
    },
    "message": "Successfully get a status document"
}
```

   2.   Success – Document In progress

```
{
    "code": 200,
    "data": {
        "docToken":
"bb5e12c77438f60da1f2ab6e566c5aeb6d03561bec3e5d588f7e240e4c164120",
        "recipients": [
            {
                "privyId": "AB1234",
                "type": "Reviewer",
                "signatoryStatus": "In Progress"
            },
            {
                "privyId": "DE2345",
                "type": "Signer",
                "signatoryStatus": "In Progress"
            }
        ],
        "documentStatus": "In Progress",
```

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```
        "urlDocument": "https://sign-
sandbox.privy.id/doc/bb5e12c77438f60da1f2ab6e566c5aeb6d03561bec3e5d588f7e24
0e4c164120"
    },
    "message": "Successfully get a status document"
}
```

3. Invalid document token

```
{
    "code": 404,
    "errors": [],
    "message": "Unable to find docToken 123445555"
}
```