# DID Phase 2 Test API (1.0)

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This is a sample server for DID ServiceEndpoint.

# Create DID

Create a DID using method and public key.

AUTHORIZATIONS: ›        *ApiKeyAuth*

REQUEST BODY SCHEMA:     application/json
**required**

Create DID request

| method | string |
| public_key_base58 | string |

## Responses

> **200** ok" example({"did":"did:byd50:1234567890abcdef"})

> **400** bad request" example({"code":"INVALID_PARAM","message":"method and public_key_base58 are required"})

> **500** internal error" example({"code":"INTERNAL_ERROR","message":"failed to create did"})

POST  `/testapi/create-did`                                          ⌄

**Request samples**

Payload

Content type
application/json

Copy

```json
{
    "method": "byd50",
    "public_key_base58": "3VZ6oJdR8i1qKX7kH3Yv9d7w7wzgn..."
}
```

## Response samples

**200**  **400**  **500**

**Content type**
application/json

Copy

```json
{
    "did": "did:byd50:1234567890abcdef"
}
```

# Get DID Public Key

Resolve a DID and return its public key (Base58).

AUTHORIZATIONS: ❯     *ApiKeyAuth*

PATH PARAMETERS

⊣   `some_id`
**required**

     string
**DID**

## Responses

❯ **200** ok" example({"publicKeyBase58":"3VZ6oJdR8i1qKX7kH3Yv9d7w7wzgn..."})

❯ **400** bad request" example({"code":"INVALID_PARAM","message":"did is required"})

❯ **404** not found" example({"code":"NOT_FOUND","message":"public key not found"})

**GET**   `/testapi/get-did-public-key/{some_id}`     ⌄

## Response samples

**Content type**

application/json

Copy

```
{
    "publicKeyBase58": "3VZ6oJdR8i1qKX7kH3Yv9d7w7wzgn..."
}
```

# Get DID Document

Resolve a DID and return its DID Document.

AUTHORIZATIONS: ❯ *ApiKeyAuth*

PATH PARAMETERS

⊣ some_id
required

string
DID

## Responses

❯ **200** ok" example({"document":"{...did document json...}"})

❯ **400** bad request" example({"code":"INVALID_PARAM","message":"did is required"})

❯ **404** not found" example({"code":"NOT_FOUND","message":"did document not found"})

GET `/testapi/get-did/{some_id}` ⌄

## Response samples

**Content type**

application/json

```
{
    "document": "{\\\"@context\\\":[\\\"https://www.w3.org/ns/did/v1\\\"],\\\"id\\\":\\
}
```