



# My Application API

Version 1.2.3, 20251209

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# 1. INTRODUCTION

This document is part of My Application Documentation. It describes WebServices API exposed by My Application to Consumer Systems.

## 1.1. CONTACT

Any question, comments or request related to this API document should be addressed to :

NAME	EMAIL	URL
My Support	My Support	<a href="https://www.mycompany.com">https://www.mycompany.com</a>

## 1.2. CHANGES

This section details the document changes from one version to another

DATE	VERSION	DESCRIPTION
2010-02-12	1.1	Added /login
2009-08-07	1.0.0	Initial version

### 1.2.1. VERSION 1.1 : Added /login

The following are the changes since 1.0

- ADDED REQUEST: added /login

### 1.2.2. VERSION 1.0.0 : Initial version

firstAPIs

## 2. CONFIGURATION

This section details configuration parameters used in this document which are defined in your private configuration document.

### 2.1. CUSTOM PARAMETER LIST

The following is the list of configuration parameters with example values. Your company's private values are defined in your configuration document

#### 2.1.1. [\[server-prod-url\]](#) :

The following is an example :

```
https://your-company.myapp.tn/api
```

#### 2.1.2. [\[server-preprod-url\]](#) :

The following is an example :

```
https://preprod.your-company.myapp.tn/api
```

#### 2.1.3. [\[server-staging-url\]](#) :

The following is an example :

```
https://staging.your-company.myapp.tn/api
```

#### 2.1.4. [\[company-api-key\]](#) :

The following is an example :

```
12345678-bcc8-4a9b-b500-9c96a17126d7
```

### 2.2. SERVER LIST

This API end-points are accessible via the following URL(s). Please append any API path to the desired server URL to build a valid request path.

### 2.2.1. [server-prod-url] located in your configuration document

This is the main My Application api server URL. An example is <https://your-company.myapp.tn/api>

### 2.2.2. [server-preprod-url] located in your configuration document

This is an pre-production server used for testing new deployments. An example is <https://preprod.your-company.myapp.tn/api>

### 2.2.3. [server-staging-url] located in your configuration document

This is an internal (staging) server used for testing new API deployments. An example is <https://staging.your-company.myapp.tn/api>

## 2.3. HEADERS

This section includes common HTTP Headers to be included in the incoming requests.

NAME	TYPE	DESCRIPTION
X-MYAPP-API-VERSION [OPTIONAL]	string	The request API version. If not specified, latest version will be considered. The Server can reject a request with an invalid api version
X-MYAPP-AGENT [OPTIONAL]	string	The user agent used to connect to the API. This is mainly used by Mobile Application in the Login call. The Server can reject a request with an invalid user agent or version

## 2.4. SECURITY AND AUTHENTICATION

This section includes security configuration.

### 2.4.1. JWTAuth (Http)

Example: > Authorization: Bearer <token>

SCHEME	BEARER
bearer	JWT

### 2.4.2. api\_key (Api Key)

This api key is mandatory and must be a valid MYAPP API-KEY. All API calls must include this key in the request Header. Your company's api key is defined in your custom configuration document as [\[company.api-key\]](#)

NAME	IN
X-API-KEY	HEADER

## 3. API PATHS

The exposed API defines 2 end-point(s).

- `/version`
- `/login`

The following details each of them.

### 3.1. GET `/version`

Returns the deployed API version.

[GET] `/version`

#### 3.1.1. RESPONSE

This paragraph details main status codes and content as a response to the `/version` path.

##### STATUS CODE - "200"

Returns the deployed API version information.

RESPONSE MODEL	RESPONSE TYPE
application/json	VersionResponse

The following is a response body example:

```
{"version" : "1.2"}
```

### 3.2. POST `/login`

Log into the system and obtain an access authorization token. This Method is used by Mobile Application to log the user in.

[POST] `/login`

#### 3.2.1. REQUEST

This end-point requires some input in its body to be provided by the caller.

##### REQUEST BODY - application/json [REQUIRED]

Login information. The request body is expected to be of type : `LoginModel` which is detailed in 'SCHEMA TYPES' section

NAME	TYPE	DESCRIPTION
request-body	LoginModel	LoginModel details the information used for Login method input

The following is a request body example:

```
{"username" : "customer", "password" : "1234"}
```

### 3.2.2. RESPONSE

This paragraph details main status codes and content as a response to the `/login` path.

#### STATUS CODE - "200"

Returns a well formed token information.

RESPONSE MODEL	RESPONSE TYPE
application/json	LoginResponse

The following is a response body example:

```
{"accessToken" : "5odHRwL1Jlc3BvbnNlR...ICA5Iik7DQogIGFsdGhW50aXR="}
```

#### STATUS CODE - "400"

Returns object not found if the user or the token does not match.

RESPONSE MODEL	RESPONSE TYPE
application/json	ErrorType

The following is a response body example:

```
{"success" : false, "error" : "USER_NOT_FOUND", "details" : "invalid login or password", "api-version" : "1.0"}
```

#### STATUS CODE - "403"

Returns forbidden access if the access could not be granted.

RESPONSE MODEL	RESPONSE TYPE
----------------	---------------



application/json	ErrorType
------------------	-----------

The following is a response body example:

```
{"error" : true, "message" : "Access Not Allowed"}
```

## 4. SCHEMA TYPES

### 4.1. LoginModel

LoginModel details the information used for Login method input.

NAME	TYPE	DESCRIPTION	EXAMPLE
username	string [OPTIONAL]	User name	"customer"
password	string [OPTIONAL]	User password	"1234"

EXAMPLE:

```
{"username" : "customer", "password" : "1234"}
```

### 4.2. LoginResponse

LoginResponse details information used as Login method result.

This type is used in :

- `/login` (Response ("200"))

NAME	TYPE	DESCRIPTION	EXAMPLE
accessToken	string(0...512) [REQUIRED]	Authorization Token	"ICAgIGFsdGh... 5odHRwLlJlc3BvbmlRW50aXR5Iik7DQo="

EXAMPLE:

```
{"accessToken" : "ICAgIGFsdGh...5odHRwLlJlc3BvbmlRW50aXR5Iik7DQo="}
```

### 4.3. VersionResponse

VersionResponse details all API version information.

This type is used in :

- `/version` (Response ("200"))

NAME	TYPE	DESCRIPTION	EXAMPLE
version	string [REQUIRED]	version string	"1.2.3"

EXAMPLE:

```
{"value" : "1.2.3"}
```

## 4.4. ErrorType

Message format when any error occurs.

This type is used in :

- `/login` (Response ("400"))
- `/login` (Response ("403"))

NAME	TYPE	DESCRIPTION	EXAMPLE
success	boolean <sup>ALLOWED</sup> {false} [REQUIRED]	The value must be 'false'	"true"
error	string [REQUIRED]	An error code	"DOCUMENT_NOT_FOUND"
details	string [OPTIONAL]	A user friendly error message. Can be null or non present	"document should not be missing"
api-version	string [OPTIONAL]	Server side api-version	"1.0"

EXAMPLE:

```
{"success" : false, "error" : "DOCUMENT_NOT_FOUND", "details" : "document should not be missing", "api-version" : "1.0"}
```