



API General Information

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1 Introduction

1.1 Session

Use of the REST-based services requires a valid SAP ET session. Apart from the initialization functions that are used to create sessions, the session is always a mandatory parameter.

1.2 Authentication

In principle, any user of SAP ET can be used to operate the interface. It does not matter whether a session is actively created using the init functions of the API, or whether a shop session. The prerequisite for this is always the granted user right “API User”.

1.3 Character Encoding

The interface’s default character encoding is UTF-8.

1.4 Versioning

As you can see at the entry points, versioning does not take place using the URL. Version differences are controlled by feature toggle or separated from each other. feature-toggle are parameters that control the output of the API. This provides backward compatibility.

1.5 Limiting

1.5.1 Accesses

There is no limit to the number of accesses.

1.5.2 Sessions

A session created using the services generally corresponds to a Web shop session or back-end session that corresponds to the resource consumption. Therefore, the use of the services must be included in a resource analysis during the operation of SAP ET and should be discussed with the system operator.

1.5.3 Shopping Cart

The recommended maximum number of cards (500) for SAP ET also applies to REST-based services.



1.6 Validation of Accesses

As of SAP ET Version 2101 and higher, the requests are validated. In particular, the user data of the HTTP request checked for validity. Depending on the configuration of the SAP ET system (system setting `global_request_validation`), Requests rejected with at least the following error information:

- HTTP **Response Code: 500, INTERNAL SERVER ERROR**
- Web service **errorcode: 6, general error**
- Web service **errormessage: general information about the validation result**

1.7 Further Notes

The user that is intended and set up for the operation of the Web service should also **exclusively** be used for the access to the API.

