Submit Audit Package

After the invoice audit package is created (explained in the section [Creating an Audit Package](#)), it shall be transferred to TaxCore.API the next time an Internet connection is available.

Compose HTTPS POST request as follows:

1. Add headers "Accept: application/json", "Content-Type: application/json" and header that contains an authentication token
2. Add an Audit Package as a JSON message to the body of the HTTP POST request
3. Submit POST request to https://<taxcore_api_url>/api/v3/sdc/audit

After the request is sent, TaxCore.API responds with a JSON formatted text containing a status of operation and a list of commands that an E-SDC shall execute.

> **NOTE:**
> Values for `sdcDateTime` and all other fields (see [Create Invoice](#)) must match the values submitted to the Secure Element for digital signing (see *Sign Invoice* in [Fiscalization](#)), as well as the values in the verification URL (see [Create Verification URL](#)).

> **NOTE:**
> In case the field `Request.Item.Name` exceeds the defined maximum length (see [Create Invoice](#)), its value is truncated.

> **NOTE:**
> In case the field `Request.DateAndTimeOfIssue` is out of range (see [Create Invoice](#)), its value is replaced with a null value.

Endpoints

Endpoint	Example
<TaxCore_API_URL_obtained_from_certificate_as_e[x](#) [here](#)>/api/v3/sdc/audit	`https://api.suf.purs.gov.rs/api/v3/sdc/`

> **NOTE:**

> Development and production environments, as well the environments in different countries, have different URLs. For this reason, URLs and names in your documentation, code and UI should not be hard-coded but configurable or extracted from a digital certificate.

Method

```
POST
```

Header

Add the following HTTP headers to each request

- `TaxCoreAuthenticationToken: <token-value-returned-from-Request-Authentication-Token-method>`
- `Accept: application/json`
- `Content-Type: application/json`

Authentication

For authentication details, please refer to [Authentication](#).

Request

Request that must be generated and sent by SDC is described in this section [Format of the Audit Package](#).

Example

```
{
  "key": "VGhpcyBJcyBLZXkK...",
  "iv": "VGhpcyBJcyBJVgo...",
  "payload": "VGhpcyBJcyBQYXlsb2FkCg...",
  "invoicenumber": "QWERASDF-QWERASDF-54515"
}


{
  "key": "VGhpcyBJcyBLZXkK...",
  "iv": "VGhpcyBJcyBJVgo...",
  "payload": "VGhpcyBJcyBQYXlsb2FkCg..."
}
```

Response

The response contains a list of commands that must be executed by E-SDC, as described in section [Commands](#).

```
AuditDataStatus {
status (integer, optional) = ['0', '1', '2', '3', '4', '5', '6']integerEnum:0, 1, 2, 3, 4, 5,
commands (Array[Command], optional)
}]
```

Data Fields

status - returned after TaxCore.API unpacks and verifies audit packages. If all verifications are successful, the status should have the value **4**. Other values can help E-SDC developers rectify problems with audit packages. Their meanings are the following:

- **0** - Invalid audit package - TaxCore API failed to decrypt the received audit package. The possible reasons are: the received file is corrupt, has no content, the file is encrypted using the wrong TaxCore public key, etc.
- **1** - Invoice cannot be stored - the received invoice is probably valid, but due to the internal server error TaxCore.API is unable to store it

- **2** - Signature is invalid

- **72** - E-SDC sent the wrong TIN or SignedBy or RequestedBy fields when signing this invoice

- **3** - Invoice internal data was encrypted in a wrong way
- **4** - Invoice is verified
- **5** - Taxes on this invoice were calculated using a tax rates group that does not exist or is obsolete
- **6** - At the moment of invoice signing, the certificate on the secure element was already revoked
- **8** - At the moment of invoice signing, the certificate on the secure element was not officially issued

- **23** - Information about the E-SDC's [Manufacturer Registration Code](#) is missing

- **24** - Information about the E-SDC's Manufacturer Registration Code is in a wrong format

- **67** - [SDC time](#) is out of the allowed range

- **68** - [Reference time](#) is out of the allowed range

- **69** - Invoice contains TaxItem for a label that does not exist in the tax rate group named in `Result.TaxGroupRevision`
- **70** - Invoice contains TaxCounters (in internal data) for CategoryOrderId which does not exist in the tax rate group named in `Result.TaxGroupRevision`, i.e. E-SDC sent a non-existing CategoryOrderId to the secure element

- **71** - The invoice was submitted without information about the payment

- **73** - Invoice contains SDC time (`result.sdcDateTime`) that is in the future compared to the time of invoice arrival to TaxCore.API. The gap is greater than the allowed tolerance period.

- **74** - Invoice contains Reference time (`request.referentDocumentDT`) that is in the future compared to the invoice's SDC time (`result.sdcDateTime`). The gap is greater than the allowed tolerance period.

- **75** - Invoice contains SDC time (`result.sdcDateTime`) that is in the past compared to the time of

invoice arrival to TaxCore.API. The gap is greater than the allowed tolerance period.

- **76** - Invoice contains Reference time (`request.referentDocumentDT`) that is in the past compared to the invoice's SDC time (`result.sdcDateTime`). The gap is greater than the allowed tolerance period.

- **78** - Invoice does not contain a Verification URL

- **79** - Audit Package with a field(s) `Request.payment[].Amount` that does not fall within the range predefined in the system. The audit package is rejected.
- **80** - Audit Package with a field(s) `Result.TaxItem[].Amount` that does not fall within the range predefined in the system. The audit package is rejected.
- **81** - Audit Package with a field(s) `Request.Total[].Amount` that does not fall within the range predefined in the system. The audit package is rejected.
- **82** - Audit Package with a field(s) `Result.totalAmount` that does not fall within the range predefined in the system. The audit package is rejected.

- **commands** - contains a list of commands that E-SDC should execute, as described in section Commands.

> **NOTE:**
> If status 4 (*Invoice is verified*) is received from TaxCore.API, that audit package should immediately be deleted from the E-SDC's local storage (see Creating an Audit Package). If any other status is received, the audit package must not be deleted.

> **NOTE:**
> The E-SDC should **try to resubmit** an audit package to TaxCore.API. **only** if it receives status 1 (*Invoice cannot be stored*) from the TaxCore.API. If any other status is received, the audit package should not be resubmitted.

Example

```json
{
  "status": 0,
  "commands": [
    {
      "commandId": "3930CEEF-F637-444D-8295-F629D6E482D3",
      "type": 1,
      "payload": "0.europe.pool.ntp.org",
      "uid": "ABCD1234"
    }
  ]
}
```