

Identification of Environments and Important Endpoints

Development environment

After the process of registration, all EFD vendors have access to the development and testing environment - Sandbox - via the Developer Portal.

Use this environment to perform all your testing, apply for accreditation, and track the status of your application review.

NOTE:

For more information about the development environment and obtaining certificates/smart cards for testing, see [Development Environment](#).

Production environment

However, after successful accreditation, your product will be used in the Production environment(s) of the countries for which it is accredited.

Be mindful that different countries have different system names, and every environment has its own URL. In addition, Production environments might use different tax rates than the development environment. However, the logic behind applying tax rates is the same in all environments, regardless of their values.

System name by country/state:

- Republic of Srpska - `SUF`
- Serbia - `SUF`
- Fiji - `VMS`
- Samoa – `TIMS`
- Washington – `TaxCore`

For this reason, URLs, tax rates and names in your documentation, code and UI should not be hardcoded but configurable or extracted from a digital certificate (in case of a connected scenario).

Useful endpoints per EFD component and environment

Please refer to the below list of useful links for different EFD vendors and environments:

NOTE:

Client certificate authentication to web services, such as V-SDC or PKI, requires bypassing the proxy.

For POS products

The sections below offer two useful lists of endpoints, depending on whether your POS works only with V-SDC or with both V-SDC and E-SDC.

POS that works only with V-SDC

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Development environment

- Sandbox
 - ♠ V-SDC API - <https://vsdc.sandbox.taxcore.online/Swagger>

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Production environment

- VMS
 - ♠ VSDC API - <https://vsdc.vms.fracs.org.fj>
 - ♠ PKI - <https://pki.vms.fracs.org.fj/pki>
- TIMS
 - ♠ VSDC API - <https://vsdc.tims.revenue.gov.ws>
 - ♠ PKI - <https://pki.tims.revenue.gov.rs>
- TaxCore (Washington)
 - ♠ VSDC API - <https://vsdc.wa.us.taxcore.online>

NOTE:

URLs for the V-SDC API service can be [obtained from certificates](#) - for both the Development and the Production environments.

POS that works with both V-SDC and E-SDC

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Development environment

- Sandbox.SUF (Serbia)
 - ♠ V-SDC API - <https://vsdc.sandbox.suf.purs.gov.rs/Swagger>
 - ♠ Secure access URL for DevSDC - (example: <http://devesdc.sandbox.suf.purs.gov.rs:8888/59a718bb-00fa-44e8-b4f3-6e2987a1e53b/api>) - must be obtained via the Developer Portal
- Sandbox.SUF (Republic of Srpska)
 - ♠ V-SDC API - <https://vsdc.sandbox.suf.poreskaupravars.org/Swagger>
 - ♠ Secure access URL for DevSDC - (example:

<http://devesdc.sandbox.suf.poreskaupravar.org:8888/59a718bb-00fa-44e8-b4f3-6e2987a1e53b/api>) - must be obtained via the Developer Portal

- Sandbox

- ♠ V-SDC API - <https://vsvc.sandbox.taxcore.online/Swagger> -
- ♠ Secure access URL for DevSDC - (example: <http://devesdc.sandbox.taxcore.online:8888/59a718bb-00fa-44e8-b4f3-6e2987a1e53b/api>) - must be obtained via the Developer Portal

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Production environment

- SUF (Serbia)

- ♠ V-SDC API - <https://vsvc.suf.purs.gov.rs/>
- ♠ PKI - <http://pki.suf.purs.gov.rs/>

- SUF (Republic of Srpska)

- ♠ V-SDC API - <https://vsvc.suf.poreskaupravar.org/>
- ♠ PKI - <http://pki.suf.poreskaupravar.org/>

- VMS

- ♠ V-SDC API - <https://vsvc.vms.frsc.org.fj>
- ♠ PKI - <https://pki.vms.frsc.org.fj/pki>

- TIMS

- ♠ V-SDC API - <https://vsvc.tims.revenue.gov.ws>
- ♠ PKI - <https://pki.tims.revenue.gov.rs>

- TaxCore (Washington)

- ♠ V-SDC API - <https://vsvc.wa.us.taxcore.online>

NOTE:

In the Production environment, connection to an E-SDC is established by providing the E-SDC's IP address, according to the E-SDC manufacturer's instructions.

For E-SDC products

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Development environment

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- Sandbox

- ♠ TaxCore API - <https://api.sandbox.taxcore.online>
- ♠ Get environment configuration - <https://api.sandbox.taxcore.online/api/Configuration/GetConfiguration> - does not require presenting your authorization certificate

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- Sandbox.SUF (Serbia)

- ♠ TaxCore API - <https://api.sandbox.suf.purs.gov.rs>
- ♠ Get environment configuration - <https://api.sandbox.suf.purs.gov.rs/api/v3/configuration> - does not require presenting your authorization certificate

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- ♣ TaxCore API - <https://api.sandbox.suf.poreskaupravars.org>
- ♣ Get environment configuration - <https://api.sandbox.suf.poreskaupravars.org/api/v3/configuration> - does not require presenting your authorization certificate

Production

- o SUF (Serbia)
 - ♣ TaxCore API - <https://api.suf.purs.gov.rs/>
 - ♣ Get environment configuration - <https://api.suf.purs.gov.rs/api/v3/configuration>
 - ♣ PKI - <http://pki.suf.purs.gov.rs/>
- o SUF (Republic of Srpska)
 - ♣ TaxCore API - <https://api.suf.poreskaupravars.org/>
 - ♣ Get environment configuration - <https://api.suf.poreskaupravars.org/api/v3/configuration>
 - ♣ PKI - <http://pki.suf.poreskaupravars.org/>
- o VMS
 - ♣ TaxCore API - <https://api.vms.fracs.org.fj/>
 - ♣ Get environment configuration - <https://api.vms.fracs.org.fj/api/Configuration/GetConfiguration>
 - ♣ PKI - <https://pki.vms.fracs.org.fj/pki>
- o TIMS
 - ♣ TaxCore API - <https://api.tims.revenue.gov.ws/>
 - ♣ Get environment configuration - <https://api.tims.revenue.gov.ws/api/Configuration/GetConfiguration>
 - ♣ PKI - <https://pki.tims.revenue.gov.rs>
- o TaxCore (Washington)
 - ♣ TaxCore API - <https://api.wa.us.taxcore.online/>

NOTE:

URLs for the TaxCore API service can be obtained from certificates in runtime, using [Export Certificate APDU command to get TaxCore certificate in DER format](#) for the Development and the Production environments.

List of Accreditation Authorities per Jurisdiction

Introduction

This section lists all environments and related resources for POS and E-SDC developers to use for technical review, administrative review and accreditation for specific environments

Accreditation authorities per jurisdiction

Accreditation authorities are responsible for **both** approving the administrative part of the application **and** for giving the final accreditation for a POS or E-SDC product.

Jurisdiction	Authority	Sandbox Environment
Fiji	Fiji Revenue and Customs Service	https://tap.staging.vms.frcs.org.fj/
Samoa	Ministry of Customs and Revenue	https://tap.sandbox.taxcore.online/
Serbia	Ministry of Finance of The Republic of Serbia - Tax Administration	https://tap.sandbox.suf.purs.gov.rs
Washington	Data Tech International	https://tap.sandbox.taxcore.online/
Republic of Srpska	Ministry of Finance of The Republic of Srpska - Tax Administration	https://tap.sandbox.suf.poreskaupravs.gov.rs

Technical review authorities per jurisdiction

Technical review authorities are responsible for approving the technical part of the application for accreditation.

Jurisdiction	Authority	Sandbox Environment
Fiji	Fiji Revenue and Customs Service	http://tap.staging.vms.frcs.org.fj/
Samoa	Data Tech International	https://tap.sandbox.taxcore.online/
Serbia	Ministry of Finance of The Republic of Serbia - Tax Administration	https://tap.sandbox.suf.purs.gov.rs
Washington	Data Tech International	https://tap.sandbox.taxcore.online/
Republic of Srpska	Ministry of Finance of The Republic of Srpska - Tax Administration	https://tap.sandbox.suf.poreskaupravs.gov.rs