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|  | EDP_NovaImagem.jpg |
| High Level Design – SOA Governance  OrderSync.V1.0 |
| Estratégia e Arquiteturas |
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Histórico

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| 1.1 | 29-01-2019 | Miguel Cruz |
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Aprovação

Este documento foi aprovado por:

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# Âmbito e objectivo do serviço

O serviço OrderSync disponibiliza as seguintes operações:

* Publish - Publish data from service orders associated with a place of consumption.
* GetOrdersByConsumptionPlace - Get data from future service orders associated with a place of consumption.
* Confirm - Confirm data from service orders associated with a place of consumption.

## Domínio do Serviço – Modelo Funcional EDP

## Arquitetura de informação

### Lista de entidades

|  |  |
| --- | --- |
| Entidade/Empresa/Área | Descrição do uso |
| SGCC-SEP | Produtor e Consumidor |
| EDPOnlineDistribuição | Produtor e Consumidor |

## Definição de Casos de Uso

### Caso de Uso – Operação Confirm

|  |  |
| --- | --- |
| Nome | Descrição / Objectivo: |
| Confirm | Confirm data from service orders associated with a place of consumption. |

#### Diagrama de Sequência

Sistema Origem

Confirm

Serviço

OrderSync

EAI-SAP

Sistema Destino

#### Sistemas Consumidores e Destino

|  |  |
| --- | --- |
| Sistemas consumidores | Sistemas de destino |
| EDPOnlineDistribuicao | SGCC\_SEP\_PRD |

### Caso de Uso - Operação GetOrdersByConsumptionPlace

|  |  |
| --- | --- |
| Nome | Descrição / Objectivo: |
| GetOrdersByConsumptionPlace | Get data from future service orders associated with a place of consumption. |

#### Diagrama de Sequência

Sistema Origem

GetOrdersByConsumptionPlace

Serviço

OrderSync

EAI-SAP

Sistema Destino

#### Sistemas Consumidores e Destino

|  |  |
| --- | --- |
| Sistemas consumidores | Sistemas de destino |
| EDPOnlineDistribuicao | SGCC\_SEP\_PRD |

### Caso de Uso - Operação Publish

|  |  |
| --- | --- |
| Nome | Descrição / Objectivo: |
| Publish | Publish data from service orders associated with a place of consumption. |

#### Diagrama de Sequência

Sistema Origem

Publish

Serviço

OrderSync

EAI-SAP

Sistema Destino

#### Sistemas Consumidores e Destino

|  |  |
| --- | --- |
| Sistemas consumidores | Sistemas de destino |
| SGCC\_SEP\_PRD | EDPOnlineDistribuicao |

# Especificação Técnica

## Descrição

|  |  |
| --- | --- |
| Atributos | Definição |
| Name | OrderSync |
| Short description | Interaction with the OrderSync entity. |
| Version | 1.0 |
| Last update | 19-03-2019 |
| Scope of update | Enterprise-Wide |
| Communication paradigm | Synchronous |
| URI | /XISOAPAdapter/MessageServlet?senderParty=&senderService=>SENDER>&receiverParty=&receiverService=&interface=OrderSync&interfaceNamespace=urn://EDP/AppEntityLayer/Services/OrderSync/v1 |
| Application | EAI-SAP |
| Service Protocol & Transport | SOAP/HTTP |
| Quality of Service Considerations |  |
| Header version | 5.4 |
| Software Component | Z\_MOBILIDADE 1.0 of edp.pt |
| Namespace | urn://EDP/AppEntityLayer/Services/OrderSync/v1 |

### Operações

#### Operação Confirm

##### Descrição

|  |  |
| --- | --- |
| Operação | Definição |
| Name | Confirm |
| Description | Confirm data from service orders associated with a place of consumption. |
| Implementation Considerations |  |

##### Roteamentos

|  |  |  |
| --- | --- | --- |
| Consumidor | Condição | Destino |
| EDPOnlineDistribuicao |  | SGCC\_SEP\_PRD |

##### Estrutura de Request/Response



#### Operação GetOrdersByConsumptionPlace

##### Descrição

|  |  |
| --- | --- |
| Operação | Definição |
| Name | GetOrdersByConsumptionPlace |
| Description | Get data from future service orders associated with a place of consumption. |
| Implementation Considerations |  |

##### Roteamentos

|  |  |  |
| --- | --- | --- |
| Consumidor | Condição | Destino |
| EDPOnlineDistribuicao | (/p1:OrderSyncGetOrdersByConsumptionPlaceRequest/MessageHeader/Producers/Producer/p2:Application = SEP) OR (/p1:OrderSyncGetOrdersByConsumptionPlaceRequest/MessageHeader/Producers/Producer/p2:Application = SGCC-SEP) | SGCC\_SEP\_PRD |

##### Estrutura de Request/Response



#### Operação Publish

##### Descrição

|  |  |
| --- | --- |
| Operação | Definição |
| Name | Publish |
| Description | Publish data from service orders associated with a place of consumption. |
| Implementation Considerations |  |

##### Roteamentos

|  |  |  |
| --- | --- | --- |
| Consumidor | Condição | Destino |
| SGCC\_SEP\_PRD |  | EDPOnlineDistribuicao |

##### Estrutura de Request/Response



### Erros

#### Erros Globais

|  |  |  |
| --- | --- | --- |
| Erro | eCode | eMessage |
| Success | COM#000 | The operation was successfully performed |
| PartialSuccess | COM#001 | The operation was partially performed |
| No Data  Found | COM#100 | This error informs that all the return fields have NULL in them. This happens because the target system did not return any value for this service. |
| Transport Error | COM#102 | connection to target system fails (connecting to JMS server, to a target system, etc) |
| Timeout | COM#500 | Timeout when waiting for a reply |
| Invalid Parameters | COM#502 | This error occurs when one of the components fails to map one field to another or when the field sent it’s not of the type expected. (e.g.: A String is sent in a field that should be of number type) |
| Duplicate | COM#504 | The record/data being submitted already exists |
| LockedRequest | COM#700 | Target system Locked |
| Functional Error | COM#997 | Target system returned an error that is listed on the functional errors for this service |
| Unknown Error in Target System | COM#998 | target system returned an error back to the EAI service |
| Unknown Error | COM#999 | Unexpected error occurred inside component |

#### Erros Nativos

|  |  |
| --- | --- |
| Erro (nCode) | nMessage |
| NAT#001 |  |
| NAT#002 |  |
| NAT#003 |  |
| NAT#004 |  |
| NAT#005 |  |
| NAT#006 |  |

## WSDL e\ou XSD do serviço



## Payload de Exemplos



# Referências a outros documentos

EAI-SAP\_Functional\_Requirements\_Specifications\_EFS\_PRJ0013053\_Novas\_Funcionalidades\_para\_o\_Chatbot



EFS\_PRJ0012624 - EDPD Digital\_EAI-SAP\_V1.5