

## Technical Articles



**Andre Fischer**

December 5, 2017 4 minute read

# New SAP Gateway Demo System available

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## Updates

- 23.01.2018 – Show how to enter a TCODE
- 29.05.2018 – Added the section “*What you can't do with the SAP Gateway Demo System*”
- 26.09.2018 – Added links to the \$metadata documents of the SAP Fiori Reference Apps
- 10.05.2019 – Added link to reset your password
- 29.09.2019 – Added link to the trial offering of SAP Cloud Platform, ABAP environment

## What you can't do with the SAP Gateway Demo System

- You can't develop your own repository objects such as tables, CDS views or classes to ensure stability of the system. If you want to develop your own OData Services you have to get a trial version. Here we have two options:
  - **On premise:** Here you can download a trial version of **SAP NetWeaver AS ABAP** which can be found here: [Trials and Downloads](#)
  - **NEW \*\*\* NEW \*\*\* NEW**  
**SAP Cloud Platform:** Here you can try out the new trial offering for **SAP Cloud Platform, ABAP Environment** as described in my blog: [It's Trial Time for ABAP in SAP Cloud Platform](#)
- Access is limited to WebGUI
- You will not find any real Business data in this System since ES5 is just a pure SAP NetWeaver AS ABAP 7.51 System without having a SAP S/4HANA system running on top of it.

## How to do I get a user?

As with the predecessor system you have to sing up for an account in ES5. To do so simply follow this link:

[Sign up for a demo account on ES5 here](#)

## How can I reset my password?

If you forgot your password you simply have to click on the same link that you have used to Register for a new user:

[Click here to reset your password in ES5](#)

## What's new?

The new SAP Gateway System is based on SAP NetWeaver 751 and thus comes with several new features as opposed to the predecessor system ES4 which was based on SAP NetWeaver 740.

## SAP Fiori Launchpad and SAP Fiori Reference apps

For all users we have configured SAP Fiori Launchpad where you will find four applications that have been deployed.

The SAP Fiori Launchpad interface features a top navigation bar with a user icon and the SAP logo. Below this, a title "Purchaser (EPM)" is displayed. The main content area contains four cards:

- Approve Purchase Orders** (SAP Fiori Ref.App): Shows a document icon and the number 20, indicating 20 items to be approved.
- Manage Products** (SAP Fiori Ref.App): Shows a cube icon and the number 123, indicating 123 products.
- Shop** (SAP Fiori Ref.App): Shows a shopping cart icon and the number 0, indicating 0 items in the cart.
- Procurement Overview** (SAP Fiori Ref.App): Shows a magnifying glass and dollar sign icon.

## Demo services for SAP Fiori development

You can use SAP Web IDE to develop SAP Fiori applications on top of the demo services that are provided in the SAP Gateway demo system.

## SAP Fiori Sample Applications

As an example you will find OData services that allow you to create SAP applications based on SAP Fiori Sample Applications.

## New Manage Products

Sample Application Selection

The screenshot shows the SAP Fiori Launchpad interface. At the top, there are search and category filters. Below them are five application cards: 'Manage Products' (selected), 'Approve Purchase Orders', 'Procurement Overview', and 'Shop'. To the right of these cards is a small preview window showing a table from the 'Approve Purchase Orders' application.

### Approve Purchase Orders

A SAP Fiori Reference Application used to demonstrate the approval process  
Based on the EPM model This is a master-detail application

[https://sapes5.sapdevcenter.com/sap/opu/odata/sap/EPM\\_REF\\_APPS\\_PO\\_APV\\_SRV/\\$metadata](https://sapes5.sapdevcenter.com/sap/opu/odata/sap/EPM_REF_APPS_PO_APV_SRV/$metadata)

### Shop

A SAP Fiori Reference Application used to demonstrate a shopping scenario on the EPM model This is a full screen application.

[https://sapes5.sapdevcenter.com/sap/opu/odata/sap/EPM\\_REF\\_APPS\\_SHOP\\_SRV/\\$metadata](https://sapes5.sapdevcenter.com/sap/opu/odata/sap/EPM_REF_APPS_SHOP_SRV/$metadata)

### Manage Products

A SAP Fiori Reference Application used to demonstrate the creation and maintenance of product entities for the EPM model This app is based on Fiori Elements

[https://sapes5.sapdevcenter.com/sap/opu/odata/sap/EPM\\_REF\\_APPS\\_PROD\\_MAN\\_SRV/\\$metadata](https://sapes5.sapdevcenter.com/sap/opu/odata/sap/EPM_REF_APPS_PROD_MAN_SRV/$metadata)

### Procurement Overview

A SAP Fiori Reference Application used to demonstrate an overview of the EPM model. This app is based on the new SAP Fiori Elements Overview page.

[https://sapes5.sapdevcenter.com/sap/opu/odata/sap/SEPMRA\\_OVV/\\$metadata](https://sapes5.sapdevcenter.com/sap/opu/odata/sap/SEPMRA_OVV/$metadata)

### Sample service GWSAMPLE\_BASIC

There is also the well known basic sample service GWSAMPLE\_BASIC available that provides you with a practical, working OData service with meaningful content that supports basic OData operations.

The following link would provide you a list of items of a sales order from the Enterprise Procurement demo data:

[https://sapes5.sapdevcenter.com/sap/opu/odata/iwbep/GWSAMPLE\\_BASIC/SalesOrderSet\(%27050000001%27\)/ToLineItems](https://sapes5.sapdevcenter.com/sap/opu/odata/iwbep/GWSAMPLE_BASIC/SalesOrderSet(%27050000001%27)/ToLineItems)

You can find more information about the basic sample service in the SAP Online Documentation

[SAP Online Documentation: Sample Service – Basic](#)

## OData V4 demo service

In ES5 there is now also a first demo service available that supports OData V4.

[https://sapes5.sapdevcenter.com/sap/opu/odata4/sap/ze2e001/default/sap/ze2e001\\_salesorder/0001/\\$metadata](https://sapes5.sapdevcenter.com/sap/opu/odata4/sap/ze2e001/default/sap/ze2e001_salesorder/0001/$metadata)

More details can be found in the following blog [OData V4 code based implementation – Overview](#).

## RMTSAMPLEFLIGHT

Also the RMTSAMPLEFLIGHT service is available

[https://sapes5.sapdevcenter.com/sap/opu/odata/IWFND/RMTSAMPLEFLIGHT/\\$metadata](https://sapes5.sapdevcenter.com/sap/opu/odata/IWFND/RMTSAMPLEFLIGHT/$metadata)

## Which type of Access do I have?

After you have signed up for an account you can access the demo system in various ways:

## SAP Web IDE

In your SAP Cloud Platform Cockpit you have to create a destination using the following data:

```
#  
#Tue Dec 05 14:36:33 UTC 2017  
Description=SAP Gateway Demo System  
Type=HTTP  
TrustAll=true  
Authentication=NoAuthentication  
WebIDEUsage=odata_abap, bsp_execute_abap, odata_gen  
Name=ES5  
WebIDEEabled=true  
CloudConnectorVersion=2  
URL=https\://sapes5.sapdevcenter.com  
ProxyType=Internet  
sap-client=002  
WebIDESystem=ES5
```

You can simply create a text file that contains the above mentioned data and import the destination as follows:

1. Login to the *SAP Cloud Server Cockpit*
2. Select your account
3. Click *Connectivity*
4. Click *Destinations*
5. Click *Import Destination*
6. Select your destination configuration file and click *Open*.

## SAPGUI for HTML

Using this link [SAPGUI for HTML access](#) you can log on to the system using SAPGUI for HTML. You will see the following logon screen: Access is a restricted to read-only access for developers though. Reason is that otherwise the stability of this system could not be guaranteed.

## SAP NetWeaver

System:

Client: \*

User: \*

Password: \*

Language:

[Change Password](#)

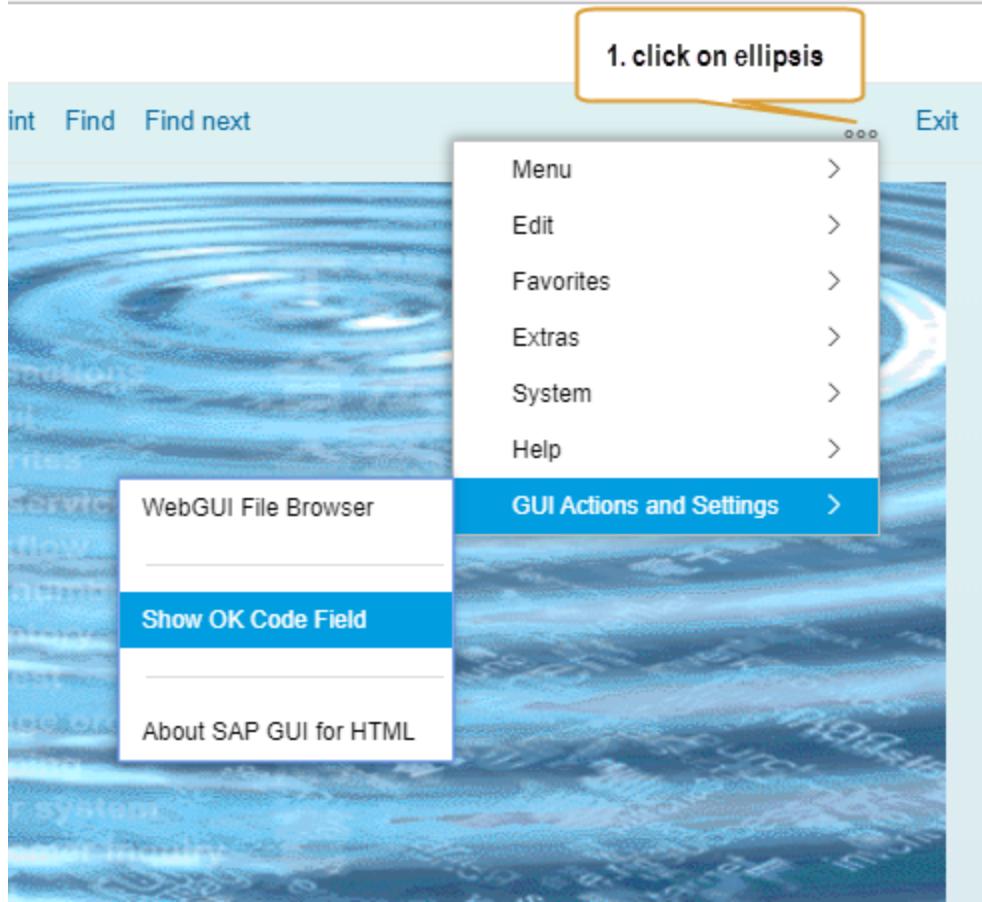
Welcome to ICC Test system, NW AS ABAP 7.51 SAP IDES  
Client for usage is 002

In case of problems please contact:  
 [rac-support@sap.com](mailto:rac-support@sap.com)



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In order to add a transaction code you have to click on the *ellipsis* and choose *GUI Actions and Settings* → *Show OK Code Field*.



1. click on ellipsis

Then you will be able to enter transaction codes in the *OK Code* field on the left hand side of your screen.

A screenshot of the SAP Easy Access interface. At the top, there's a navigation bar with 'User menu', 'SAP menu', 'SAP Business Workplace', 'Add to Favorites', and 'Delete Fav'. The 'User menu' item is highlighted with a red border. Below the navigation bar is a sidebar with a 'Favorites' section. It contains three items: 'Favorites' (with a folder icon), 'Services aktivieren und verwalten' (with a star icon), and 'User Menu for Andre Fischer' (with a folder icon). The main area of the interface is currently empty, showing a blue decorative background with ripples.

and here a description how to access a transaction without having to activate the TCODE field ...

## [How to access the SAP Gateway Error Log as a SAP UI5 developer](#)

Alert Moderator

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### Assigned tags

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SAP Gateway | OData |

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### Related Blog Posts

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[Netweaver Gateway Demo - ES5 now in Beta!](#)

By [Jonathan Baker](#) , Jun 16, 2017

[SAP Gateway 2.0 SP09 features now available with SAP NetWeaver 7.40 SP08](#)

By [Andre Fischer](#) , Sep 17, 2014

[Upgrading the Gateway Consumption Service](#)

By [Jonathan Baker](#) , Feb 03, 2017

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### Related Questions

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[SAP gateway](#)

By [Markpen Smith](#) , Mar 06, 2018

[Reg: SAP Gateway Demo system](#)

By [Former Member](#) , Nov 24, 2016

[Register Error in Demo Server - ES5](#)

By [Yunus Tuzun](#) , Mar 15, 2018

## 91 Comments

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DJ Adams

December 6, 2017 at 1:50 pm

Great news, thanks Andre and team!

Like (2)

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Jessica Merz

December 6, 2017 at 9:31 pm

Very nice, thanks! I can make good use of this.

Like (0)

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Former Member

December 6, 2017 at 10:55 pm

Good article

Like (0)

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Paul Hardy

Mr. Andre,

I am desperate to ask you a philosophical question about Gateway. Another SAP employee was blogging about Gateway on the weekend, but it turns out there are many components inside SAP, all called Gateway, so I got confused and asked him about Gateway and he told me I had the wrong Gateway.

So just to be clear, I am talking about the Gateway component where you define services using SEGW (at least for now) and they get exposed as ODATA. that sounds just like what you are talking about above. If, after reading my question, it turns out there is yet another component in SAP called Gateway, please point me in that direction.

We have a customer portal where the user enters a sales order on their phone or laptop or whatever, and the JavaScript code on the device does a call to a Gateway service I wrote in SAP. It all works just fine, and we are on top of the indirect licencing thingy, so everything in the garden was rosy.

Now we have a proposal for a generic middleware layer, all Microsoft based, taking in the HTTP call from the mobile device, in whatever country, working out dynamically the correct source system and connecting to it. All lovely and object oriented, several layers all abstracted from each other.

The problem is the architecture calls for assorted Microsoft integration services connecting to the source systems. the one chosen to connect to SAP is from a company called Theobald software, which works by connecting to custom RFC function modules inside SAP.

Now I don;t want to give up Gateway. The arguments I am facing in favour of RFC function modules instead of Gateway are as follows:-

- it (RFC) works and it is easy
- all the other source systems are contacted directly and contacting Gateway is contacting “middleware” instead of the actual source system, thus giving one source system special treatment instead of treating all source systems the same
- the call to Gateway will introduce two more HTTP calls in addition to the original one from the device, thus negatively effecting performance, and making t more difficult to pinpoint any point of failure
- Gateway cannot do an asynchronous call

Now, I would like to tell me that these arguments are nonsense, and give me some cast iron reasons I can use to knock holes in the proposed plans. However if the above are valid arguments, please tell me that as well.I try to keep an open mind, and I have a lot of respect for the architect of the middle ware framework and how well designed it is from an abstract OO perspective. It is just this one little technical part of the pie I am concerned with.

I have talked to lots of my fellow SAP Mentors about this, and the only argument I have thus far is a philosophical one in that Gateway is SAP's future direction. Whilst I agree with this 100% it is not getting me very far at work as an argument. I need something more concrete.

Cheersy Cheers

Paul

Like (0)



Andre Fischer | Post author

December 21, 2017 at 8:50 am

Hi Paul,

yes there is a problem with all the Gateway's within the SAP stack and with regards to the naming we unfortunately haven't followed the highlander principle.

So yes there is the SAP Gateway you are using to develop and publish OData services and the [RFC Gateway](#) within the ABAP AS which is responsible for the RFC based communication.

But coming back to your questions around the architecture. First of all I do not see a point in replacing an existing OData service through a RFC call to build a new UI on top of this.

This would be taking several steps down the ladder of evolution of SAP UI's which meanwhile have fully embraced OData with [SAP Fiori 2.0 also being available for the SAP Business Suite](#) and OData being the basis for [SAP Fiori UIs in S/4 HANA](#).

With regards to your questions I can answer as follows.

1. "it (RFC) works and it is easy"

RFC is not that easy that's why we at SAP have decided to go for OData for UI scenarios. RFC has definitely its pros but this is more in the area of system to system communication where for example two SAP backend systems are talking to each other exchanging huge amount of data

OData services having been added more and more to our portfolio (there are already a large number being part of the latest EHP8 in the SAP Business Suite) and going forward with SAP S/4 Hana the SAP Fiori is the UI paradigm and SAP Fiori UI's are typically using OData services.

2. "all the other source systems are contacted directly and contacting Gateway is contacting "middleware" instead of the actual source system, thus giving one source system special treatment instead of treating all source systems the same"

It is also possible to run the SAP Gateway Hub and Backend components on one system using the so called embedded deployment. As of 750 SP04 (which is for example used with SAP Business Suite EHP8) you can gain significant performance improvements as described in my blog  
<https://blogs.sap.com/2016/10/10/take-advantage-performance-improvements-sap-gateway-sap-netweaver-7.50-sp04/>

Replicating data into a middleware also poses a security risk since you have to rebuild authorization checks that are in place in your SAP Business Suite backend system. Also features such as [Read-Access-Logging \(RAL\)](#) that are available for OData with SAP NW 750 could not be used in a reliable way.

The SAP Gateway Hub scenario (used as a frontend server for SAP Fiori) also has its pros especially when using several SAP backend systems as described in landscape deployment recommendations in the SAP Enterprise Architecture Explorer

3. "the call to Gateway will introduce two more HTTP calls in addition to the original one from the device, thus negatively effecting performance, and making it more difficult to pinpoint any point of failure"

Putting a middleware in between the UI and your backend will definitely make the search of a root cause of a problem more complicated. But this is also true if your UI speaks RFC with your backend opposed to OData. But when you have the OData services in place you can consume those via your SAP Fiori frontends directly without the need of any middleware at all.

4. "Gateway cannot do an asynchronous call"

It is true that the OData V2 protocol does not offer asynchronous calls as part of the OData V2 specification. But I see several options how to achieve this.

- You can use a function import that even can take some parameters that simply takes the data, performs some calculations and would inform the end user later on for example via email
- Using the notification channel such asynchronous scenarios could be implemented as well and the end user would receive a notification on the side panel of the SAP Fiori Launchpad.

I did a mini code jam about this at SAP TechEd and will publish a blog about this in January

[https://sessioncatalog.sapevents.com/go/agendabuilder.sessions/?l=159&sid=49582\\_474721&locale=en\\_US](https://sessioncatalog.sapevents.com/go/agendabuilder.sessions/?l=159&sid=49582_474721&locale=en_US)

Hope this helps,

Best Regards,

Andre

Like (1)



Vladislav Volodin

March 14, 2018 at 2:50 pm

*Gateway cannot do an asynchronous call*

You can play with [websockets](#), that are supported by NetWeaver. Start the task and notify the user, when it finishes.

Like (0)



SEAN TRACEY

January 10, 2018 at 11:45 pm

Hello,

I just created a user id for ES5. I used ES4 for the past few 6-9 months and within ES4 I see the LOGISTICS menu in place. I specialize in MM/PP/SD/WM/QM etc. within the SAP applications. This menu does not exist in ES5 and the transaction are also missing. VA01 VA03 MM01 MM03 etc. Can you explain?

Like (0)



Andre Fischer | Post author

January 15, 2018 at 10:46 pm

Hi Sean,

the reason is that ES5 is only a SAP NetWeaver System and not a SAP Business Suite System.

The system is meant to be a demo system for the latest technologies (SAP Fiori, OData, SAP Gateway) and these are only available on pure SAP NetWeaver stacks or S/4 HANA.

Best Regards,

Andre

Like (0)



SEAN TRACEY

January 26, 2018 at 5:16 pm

Hi Andre,

I'm a bit confused now. I attend a OPEN .SAP.COM class last year. See below

## Building Portal Sites on SAP Cloud Platform

Instructors: Ido Shamesh, Murali Shanmugham and Thomas Hensel

During this class we connected to ES4 within the SAP Cloud portal via a P number and on the SAP CP built a Portal site and then designed a APP Roles catalogs to produce a FIORI AND freestyle APP. The app connected to ES4 returned materials and sales orders. So I don't understand your comments from above:

@Andre "The system is meant to be a demo system for the latest technologies (SAP Fiori, OData, SAP Gateway) and these are only available on pure SAP NetWeaver stacks or S/4 HANA."

Secondly if ES4 is being replaced by ES5 will the APP work?. If we don't have the Business suite in place (that contains a massive investment) then how do we get at the data we have in the back end system.

Like (0)



Andre Fischer | Post author

January 26, 2018 at 5:33 pm

I assume that you haven't used real Business Suite data but have rather used data from the SAP NetWeaver demo data model.

Did you use the following service called GWSAMPLE\_BASIC?

[https://sapes5.sapdevcenter.com/sap/opu/odata/IWBEP/GWSAMPLE\\_BASIC/?\\$format=xml](https://sapes5.sapdevcenter.com/sap/opu/odata/IWBEP/GWSAMPLE_BASIC/?$format=xml)

Best Regards,

Andre

Like (0)



SEAN TRACEY

January 26, 2018 at 6:57 pm

Hi

The course asked that we connect to ES4: I did this all in my SAP CP account P (NUMBER) and I created a SAPUIG App. Created a portal site and a FIORI launch pad. And is good. We get sales order and materials from ES4. When I logged onto ES5 there was no logistics hence the note. So how do we get at that information that I believed came from ES4 using SAP CP PORTAL APP & FIORI? Do I need to talk to the course owners mentioned above or can you do that?

I added ES5 at the request of the help desk within OPEN.SAP.COM and I have never used or seen the link from the service GWSAMPLE\_BASIC

I can go over it with you if you have time or can send more details

Thanks,

Sean.

HTTP	ES4	Authentication BasicAuthentication  ProxyType  Internet  URL  <a href="https://sapes4.sapdevcenter.com">https://sapes4.sapdevcenter.com</a>		
HTTP	ES5	Authentication NoAuthentication  ProxyType		

Internet

URL

<https://sapes5.sapdevcenter.com>

Like (0)



Andre Fischer | Post author

January 26, 2018 at 7:16 pm

please post your question on the opensap page.

I will inform the colleagues nevertheless.

best regards,

Andre

Like (0)



SEAN TRACEY

January 26, 2018 at 5:21 pm

Thanks for your help and time..

Like (0)



Di Ana

January 23, 2018 at 1:27 pm

Hi!

just replaced ES4 with ES5, but when I log in I don't see any tcode input field. Is that supposed to be this way and I should add tcode manually using favorites or am I missing something?

Thanks,

Di

Like (0)



Andre Fischer | Post author

January 23, 2018 at 3:13 pm

Hi Di,

I have updated my blog. Thanks for the hint.

Best regards,

Andre

Like (0)



Azeem Quadri Mohammed Abdul

February 8, 2018 at 3:13 pm

Hi I am not able to signup for ES5 system. Is there any other system that I can sign up for.

<https://register.sapdevcenter.com/SUPSignForms/>

Thanks Azeem

Like (0)



Andre Fischer | Post author

February 8, 2018 at 3:33 pm

I just tested the registration process and it works fine for me.

You have to authenticate using a SAP CP user when registering for ES5.

When you have been authenticated by SAP CP a user will be created for you in ES5 and mail with the credentials will be sent to you.

Regards,

Andre

Like (0)



Christian Schuff

May 8, 2018 at 9:17 am

Hi Andre,

the link does not work for me either... Is this supposed to work with a trial user?

BR

Chris

Like (0)



Andre Fischer | Post author

May 10, 2018 at 7:50 pm

Yes.

Like (0)



Chiranjeevi Giri

February 10, 2018 at 12:13 pm

Hi,

Do we have developer access for ES5 demo system ?

Thanks & Regards,

Chiranjeevi

Like (0)



Andre Fischer | Post author

February 16, 2018 at 4:18 pm

No, because this would destabilize the system.

Like (0)



Ram K

February 11, 2018 at 2:12 am

Hi Andre,

Is there flight sample data service as in previous releases [RMTSAMPLEFLIGHT](#) ?

Please provide the details.

Thanks,

Ram

Like (0)



Andre Fischer | Post author

February 16, 2018 at 4:25 pm

I have added the link. You just have to replace the “4” with a “5” in the link you provided.

Like (0)



Harpreeet Daphu

April 12, 2018 at 8:01 pm

Hello Andre,

When I try creating a Master – Detail Application using the – RMTSAMPLEFLIGHT service, it doesn't allow me to proceed. Can you confirm if this service is maintained in ES5?

I am able to access the metadata of RMTSAMPLEFLIGHT service but not able to use it in my application.

GWSAMPLE\_BASIC works fine.

## New SAP Fiori Master-Detail Application

### Data Connection

Choose a service from one of the sources listed below.

#### Sources

Service Catalog
Workspace
File System
Service URL

Choose a system, explore, and select a service. Optionally, you can drill down into the service details.

ES5 System

Services

Search Service

Show Details

Service	Description	System
> REPM_SALESORDPRODAMTQUERY_CDS	REPM : Sales Order Product ...	ES5
> RMTSAMPLEFLIGHT	OData Channel - Reference ...	ES5
> RULE_SRV	Rule	ES5
> SECATT_PING_SRV	Ping Service for Test Svste...	ES5
> SEPMRA_GR_POST	EPM Reference App "Goods..."	ES5
> SEPMRA_OVW	EPM Fiori Ref App "Overview"	ES5
> SEPMRA_PO_APV	EPM: ODATA service for Ap...	ES5
> SEPMRA_PO_MAN	EPM: ODATA service for Ap...	ES5
> SEPMRA_PROD_MAN	EPM Fiori Reference App: "M..."	ES5
> SEPMRA_SHOP	EPM Fiori Reference Apps S...	ES5
> SEPMRA_SO_MAN	-----	---

Previous

Next



Andre Fischer | Post author

April 12, 2018 at 9:18 pm

I can confirm this issue but I have not been able to find the root cause yet.

Best Regards,

Andre

Like (0)



Andre Fischer | Post author

April 12, 2018 at 9:37 pm

I checked with another system and there the same issue occurs.

So it might be related to SAP Web IDE.

Regards,

Andre

Like (0)



Harpreeet Daphu

April 18, 2018 at 4:24 pm

Thank you Andre for taking a look.

Please keep us posted, if it gets fixed.

Regards,

harpreet

Like (0)



Prasad Ganta

June 29, 2018 at 8:53 pm

Hello Andre,

Having trouble with RMTSAMPLEFLIGHT service, it doesn't allow me to proceed during creation of master detail app. Are you able to find the issue?

Thanks,

Prasad

Like (0)



Boghyon Hoffmann

February 15, 2019 at 11:28 pm

Now even the [service metadata document can't be retrieved](#). RMTSAMPLEFLIGHT seems to be removed completely (not sure since when). Could you confirm? If true, would be nice if the blog could be updated.

Like (0)



Andre Fischer | Post author

February 19, 2019 at 9:24 pm

The service was there but did not work. I deleted and re-published it and tested it.

It again works as supposed.

Thanks for pointing me to this issue.

Like (1)

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Denis Aleksandrovich

February 22, 2018 at 9:20 pm

Hi,

Do you have plans for setting up the workflow (TCODE SWU3)? To start the demo workflow, the "Notification of Absence" (TCODE SWXF).

And also configure the application Fiori MyInbox (OData-service TASKPROCESSING).

Now when sending a request to the object data, an error occurs: "The task phase for the provider is not implemented." I can help customizing on and send instructions.

I'm studying sap ios sdk, and I want to develop an iOS application based on the oData service.

Thanks

Regards,

Denis

Like (0)



Andre Fischer | Post author

March 13, 2018 at 3:28 pm

I will check with my colleagues whether we can make the service and app available.

Best Regards,

Andre

Like (0)



Gowtham Raja M

February 28, 2018 at 12:24 pm

Hi Experts,

I have gone through this page. I have logged into demo es5 system in cloud but there is no provision provided for going gateway client. When i type tcode /iwfnd/gw\_client, it throws me message popup that the tcode does not exist. Please help me.

Thanks,

Gowtham

Like (0)



Andre Fischer | Post author

February 28, 2018 at 12:33 pm

You have to add a “/n” in front of the transaction code since the transaction code starts with “/” which is a reserved keyword.

So try to enter “/n/iwfnd/gw\_client” instead.

Best Regards,

Andre

Like (0)

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Michael Koch

March 5, 2018 at 9:42 am

Hi Andre

Thanks for this helpful blog post.

However, I've just spent a couple of frustrating hours establishing what was wrong with my ES5 connection. I imported your ES5 profile text file from above, but because it doesn't contain authentication details, my account became locked after probably about 3 attempts.

I've now waited for an automatic reset of my ES5 user and edited my profile to contain Basic Authentication with my registered ES5 user and pw.

Maybe it would make sense to add that authentication is required?

Thank you for submitting all the helpful info about ES5.

Kind regards,

M

Like (0)

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Mihai Dipsan

March 14, 2018 at 8:28 am

Hi Michael,

I think I have the same problem as you with my ES5 user. I cannot connect and after I changed my password it still doesn't work. I get the same message every time, that my user or password is not correct.

It works for you now? Can you please tell me what you've done?

Kind Regards,

Mihai

Like (0)

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 Former Member

March 19, 2018 at 4:41 pm

Hi Andre,

when i try to practice UI5 using webide and when i wanted to create ODATA for that APP, I couldn't create it(since i don't have authorization). When i try to use any existing ODATA Application no existing odata application was available. can you kindly suggest me a way to create or use any ODATA application so i can link it with webide and practice end to end.

Like (0)

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 Former Member

March 22, 2018 at 12:46 pm

Is it possible log on with SAP GUI application? I don't like HTML GUI

Like (0)



Andre Fischer | Post author

March 22, 2018 at 1:25 pm

No, this is not possible.

Like (0)



Former Member

March 29, 2018 at 9:54 pm

I signed up for the demo account. I am able to access SAP GUI HTML . I am trying register GWSAMPLE\_BASIC sample service as stated below link but getting an error that I do not have authorization to use transaction /IWFND/MAINT\_SERVICE.

<https://help.sap.com/viewer/68bf513362174d54b58cddec28794093/7.51.4/en-US/3a1236932c344e529ef3f621c6e75433.html>

Like (0)



Andre Fischer | Post author

March 31, 2018 at 5:07 pm

There is no need to register this service since it has already been registered.

Administrative access to this system is limited.

If you want to try out such things you have to get your own ABAP trial system in the cloud or download it.

Regards

Andre

Like (0)



Former Member

April 2, 2018 at 5:50 am

Destination is giving me this pop up when trying to connect

Connection to “ES5” established. Response returned: “307: Temporary Redirect

## Destination Configuration

*Name:	ES5
Type:	HTTP
Description:	SAP Gateway Demo System
*URL:	https://sapes5.sapdevcenter.com
Proxy Type:	Internet
Authentication:	BasicAuthentication
User:	P1093474
Password:	*****

### Additional Properties

sap-client	002
WebIDEEEnabled	true
WebIDESystem	ES5
WebIDEUsage	odata_abap, bsp_execute_

New Proper



Like (0)



Kiran Kumar Sangem

August 4, 2018 at 5:04 pm

Hi, I have the same problem, please post the steps if it is resolved.

Like (0)



Kiran Kumar Sangem

August 7, 2018 at 3:38 am

Hello!! Any help here?

Like (0)



kyo choi

September 18, 2018 at 9:25 pm

I got the same message and the connection worked. Try creating Fiori Master Detail app.

Like (0)



vincent chen

April 11, 2018 at 3:40 pm

Hi,

I would like to know if Human Resources will be available on SAP ES5 ?

Thanks

Like (0)



Andre Fischer | Post author

April 11, 2018 at 4:28 pm

Hi Vincent,

no, it can't be available on this box since this is a plain SAP NW ABAP system.

Regards,

Andre

Like (0)



RSB SAP

May 29, 2018 at 6:04 am

Hi ,

I just signed up in ES5 but I'm unable to create any custom table to create sample service and unable to access contents from std tables .Im getting authentication while creating custom table and RFC error .I have tried to create destination but Im unable to find connectivity option in SAP Cloud Platform cockpit .Can any one please help to access ES5 without errors

Thank you ,

Ravi.

Like (0)



Andre Fischer | Post author

May 29, 2018 at 6:33 am

Hi Ravi,

you can't create repository objects in this system. See also my latest update "What you can't do with the SAP Gateway Demo System" at the top of this blog.

Regards,

Andre

Like (1)



RSB SAP

May 29, 2018 at 7:05 am

Thank you Andre Fischer 😊

Like (0)



Nelson Kharat

July 9, 2018 at 6:06 am

Hi Andre,

I am not able to access the registration link for SAP ES5 Demo System. Please help.

<https://register.sapdevcenter.com/SUPSignForms>

Both of the above links are not working.

Like (0)



Andre Fischer | Post author

July 9, 2018 at 7:41 am

I deleted the second link since it points to a test system that definitely does not run and I informed the owner of the registration page that the same is not running.

Regards,  
Andre

Like (0)



Nelson Kharat

July 9, 2018 at 10:34 am

Hey Andre,

Thank you for your reply, however I am not able to access it. When I tried accessing it, I get this. Need directions.



## This page isn't working

**register.sapdevcenter.com** didn't send any data.

ERR\_EMPTY\_RESPONSE

[Reload](#)

Like (0)



Sachin Soni

July 9, 2018 at 7:34 am

Hi Andre,  
Just like Nelson,

I am not able to access the registration link for SAP ES5 Demo System. Please help.

<https://register.sapdevcenter.com/SUPSignForms>

Both of the above links are not working.

Although when i ping the URL [register.sapdevcenter.com](http://register.sapdevcenter.com) it does reach the URL but the complete one with forms isnt working !

Thanks,

Sachin

Like (0)



[Andre Fischer](#) | Post author

July 9, 2018 at 7:41 am

I deleted the second link since it points to a test system that definitely does not run and I informed the owner of the registration page that the same is not running.

Regards,

Andre

Like (0)



[Emanuele Ricci](#)

September 14, 2018 at 8:32 am

Is the V4 OData endpoint still available? I cannot access any of the EntitySet

Like (0)



[Andre Fischer](#) | Post author

September 17, 2018 at 6:47 am

Not sure whether there was a temporary issue. But I can Access my sample Service

Regards,

Andre

Like (0)



Emanuele Ricci

November 25, 2018 at 10:54 am

Hi, I'm developing a series of exercises around ES5 GWSAMPLE\_BASIC service. I've already done READ, DELETE, UPDATE but I've some trouble with the POST request.

I'm trying to create with SAPUI5 an entry for the set SalesOrderLineItemSet

When I submit all my changes I get back this error:

```
{
  "error": {
    "code": "005056A509B11ED199D8826D151FC0FE",
    "message": {
      "lang": "en",
      "value": "The specified HTTP method is not allowed for the resource identified by the Data Service Request URI"
    },
    "innererror": {
      "transactionid": "B9E0A2A100BE0160E005BF4BBFD5771F",
      "timestamp": "20181125104513.5724410",
      "Error_Resolution": {
        "SAP_Transaction": "Run transaction /IWFND/ERROR_LOG on SAP Gateway hub system and search for entries with the timestamp above for SAP_Note: See SAP Note 1797736 for error analysis (https://service.sap.com/sap/support/notes/1797736)"
      }
    }
  }
}
```

```
    }
}
}
```

Does it mean that POST requests are forbidden or am I doing something wrong?

Like (0)



Andre Fischer | Post author

November 26, 2018 at 8:55 pm

If the following payload is posted on the URL

```
/sap/opu/odata/IWBEP/GWSAMPLE_BASIC/SalesOrderLineItemSet
```

of the Entity set SalesOrderLineItemSet

a new item in the sales order 0500000000 is created .

A reason why a post may fail could be that the Status of the sales order does not allow any changes, because the status is not 'N' = New

```
<d:LifecycleStatus>N</d:LifecycleStatus>
```

```
<?xml version="1.0" encoding="utf-8"?>
<entry xml:base="https://sapes5.sapdevcenter.com/sap/opu/odata/IWBEP/GWSAMPLE_BASIC/" xmlns="http://www.w3.org/2005/Atom" xmlns:m="http://schemas.r
<content type="application/xml">
<m:properties>
  <d:SalesOrderID>0500000000</d:SalesOrderID>
  <d:ProductID>HT-1000</d:ProductID>
  <d:Note>EPM DG: SO ID 0500000000 Item 000000010</d:Note>
  <d:NoteLanguage>EN</d:NoteLanguage>
  <d:CurrencyCode>USD</d:CurrencyCode>
  <d:GrossAmount>1137.64</d:GrossAmount>
  <d:NetAmount>956.00</d:NetAmount>
```

```
<d:TaxAmount>181.64</d:TaxAmount>
<d:DeliveryDate>2018-12-07T23:00:00.0000000</d:DeliveryDate>
<d:Quantity>1</d:Quantity>
<d:QuantityUnit>EA</d:QuantityUnit>
</m:properties>
</content>
</entry>
```

Like (0)



Emanuele Ricci

December 6, 2018 at 11:23 am

Hi Andre,

I've one more question: **How to calculate the TaxAmount and NetAmount?**

The only information I have about the Product is the TaxTarifCode (on the Product metadata) but there's no way to calculate the amount from that information. How can I do that?

Like (0)



Emanuele Ricci

December 6, 2018 at 3:33 pm

Hi Andre, I've tried to use your same data to create an entry into the

```
/sap/opu/odata/IWBEP/GWSAMPLE_BASIC/SalesOrderLineItemSet URL but I still get this error message:
```

```
{  
  "error": {  
    "code": "CX_SXML_PARSE_ERROR/001560AA0E081DEB8CA398CC1690D406",  
    "message": {  
      "lang": "en",  
      "value": "Error while parsing an XML stream"  
    },  
    "innererror": {  
      "application": {  
        "component_id": "OPU-BSE-SDE",  
        "service_namespace": "/IWBEP/",  
        "service_id": "GWSAMPLE_BASIC",  
        "service_version": "0001"  
      },  
      "transactionid": "B9E0A2A100BE00C0E005BF37BF470302",  
      "timestamp": "20181206153106.8948610",  
      "Error_Resolution": {  
        "SAP_Transaction": "Run transaction /IWFND/ERROR_LOG on SAP Gateway hub system and search for entries with the timestamp above for error analysis.",  
        "SAP_Note": "See SAP Note 1797736 for error analysis (https://service.sap.com/sap/support/notes/1797736)"  
      },  
      "errordetails": []  
    }  
  }  
}
```

Do you know I can I solve this issue?

Like (0)



Andre Fischer | Post author

December 6, 2018 at 9:50 pm

I took a look at the error log in ES5.

The payload you used posted is the first one shown below.

When I changed it to the second format shown below it worked.

The difference is that in your payload there are no spaces before and after the colon

“NoteLanguage”：“EN”，

“NoteLanguage”：“EN”，

and you did not use colons for the numbers.

“TaxAmount”:181.64

rather than

“TaxAmount”：“181.64”

Best Regards,

Andre

Your payload

```
{"SalesOrderID":"0500000000","ProductID":"HT-1000","Note":"EPM DG: SO ID 0500000000 Item 000000010","NoteLanguage":"EN","CurrencyCode":"USD","Gro
```

My changed payload

```
{  
  "SalesOrderID" : "0500000000",  
  "ProductID" : "HT-1000",  
  "Note" : "EPM DG: SO ID 0500000000 Item 0000000010",  
  "NoteLanguage" : "EN",  
  "CurrencyCode" : "USD",  
  "GrossAmount" : "1137.64",  
  "NetAmount" : "956",  
  "TaxAmount" : "181.64",  
  "DeliveryDate" : "/Date(1544113089733)/",  
  "Quantity" : "1",  
  "QuantityUnit" : "EA",  
  "__metadata" : {"type":"GWSAMPLE_BASIC.SalesOrderLineItem"},  
  "ItemPosition" : "0500000000"  
}
```

Like (0)



Emanuele Ricci

December 7, 2018 at 10:42 am

Hi Andre, I don't get where could be the problem on the Payload spaces. It's JSON compliant and spaces should not be a problem if not a waste of bytes. Anyway, that payload is not generated manually by me but by SAPUI5 framework when I use ODataModel submitChanges method.

For the TaxAmount part, I'm just converting Edm.Decimal fields into float because I'm respecting the OData \$metadata XML manifest. All the amounts and quantity are Edm.Decimal type so my current version should be compliant.

Isn't it possible to know perfectly which is the specific issue from the log?

Like (0)



Andre Fischer | Post author

December 7, 2018 at 4:29 pm

In ES5 I did not find a more detailed error message but I am trying to reproduce the issue in other systems and yes you are right, your JSON is valid.

Like (0)



Kris Gell

February 5, 2019 at 1:31 am

I am trying to create a Project in SEGW in Odata Demo system(ES5). it is not allowing me to create and giving authorization error. is there any solution for this? is there a way to use demo system without creating project?

Like (0)



Andre Fischer | Post author

February 5, 2019 at 7:34 am

<https://answers.sap.com/answers/745695/view.html>

Like (0)



Viorel N Dragan

March 15, 2019 at 4:59 am

Resolved, there are cookies stored on the client which may cause this not to work in a browser.

It works fine from Postman.

Like (1)



Andre Fischer | Post author

March 15, 2019 at 2:11 pm

Thanks for posting the solution of your problem !

Like (0)



Jay Malla

April 23, 2019 at 3:36 pm

Hi Andre,

It seems like there is an issue with ES5. I can no longer connect to it as I used to. Can you please check?

The destinations that I have in show a ping error: [https://sapes5.sapdevcenter.com/sap/opu/odata/IWBEP/GWSAMPLE\\_BASIC/](https://sapes5.sapdevcenter.com/sap/opu/odata/IWBEP/GWSAMPLE_BASIC/)

It looks like it was not available since yesterday.

Thanks,

Jay

Like (1)



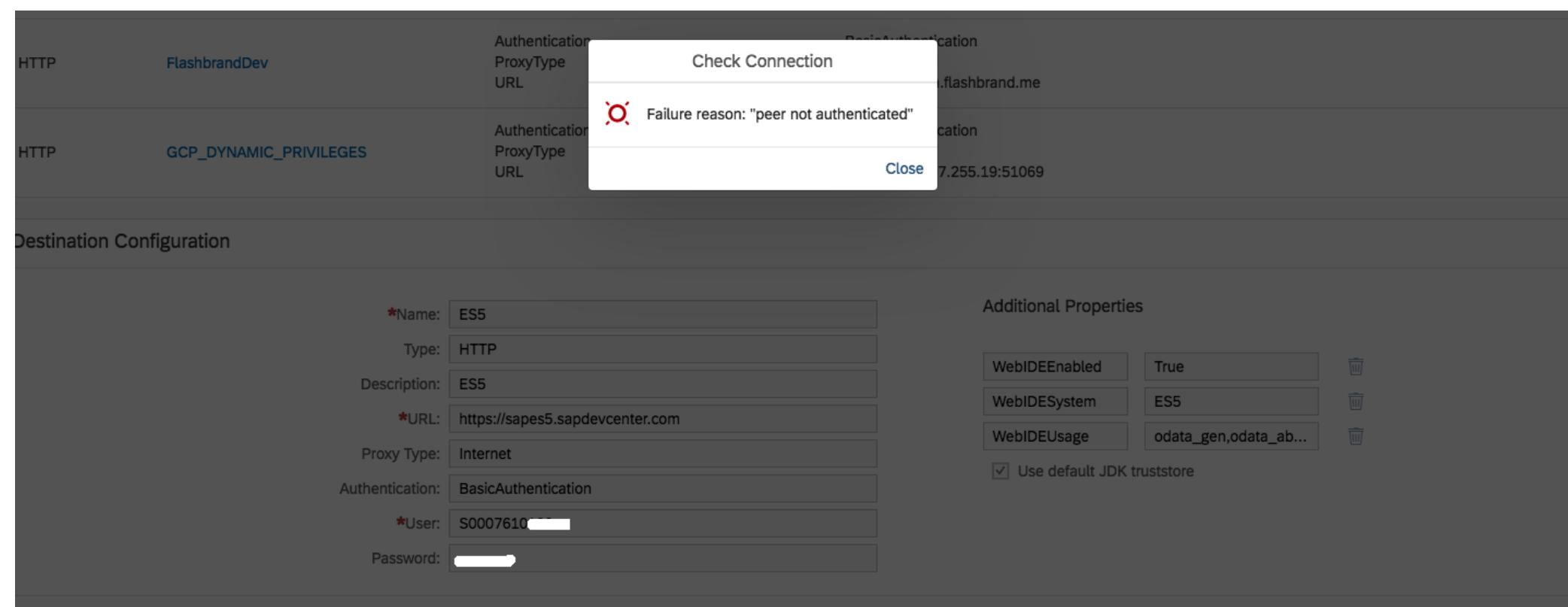
Jay Malla

April 23, 2019 at 3:52 pm

Hi Andre,

Here are the error screenshots:

Here is the error trying to ping the destination through my Hana trial account.



Here is the error opening up the link in Safari



## This Connection Is Not Private

This website may be impersonating "sapes5.sapdevcenter.com" to steal your personal or financial information. You should go back to the previous page.

[Show Details](#)

[Go Back](#)

And here is the error I am getting on my SAP UI5 Hybrid mobile app with the Logon control – this error message is misleading as it is a problem connecting from SAP Cloud Platform mobile services to the ES5 backend.

Enter the following information as indicated in the instructions from your IT administrator.

hcpms-s0007610100trial.hanatrial.ondemand.com

S0007610100

•••••

### Registration Error

Please check your credentials.

OK

Company ID

Security Configuration

OK

Cancel



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4:47 PM  
4/22/19

Thanks,

Jay

Like (1)



Andre Fischer | Post author

April 24, 2019 at 4:48 pm

It should be fixed now. The colleagues installed a new certificate. Thank you very much for your detailed error description.

Regards,

Andre

Like (0)



Andre Fischer | Post author

April 24, 2019 at 4:48 pm

see my answer below. It has been fixed today.

Like (0)



Roman Broich

May 9, 2019 at 8:40 am

Hi all.

I am getting a “CSRF token validation failed” error when trying to execute a POST to this URL:

<https://sapes5.sapdevcenter.com/sap/opu/odata/IWFND/RMTSAMPLEFLIGHT/BookingCollection>

As first step I am doing a GET with the header “X-CSRF-Token”: “fetch”



HTTP 2

21s

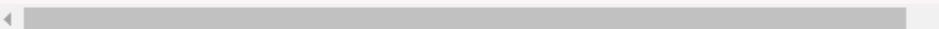
## INPUTS

Show raw inputs &gt;

## Method

GET

## URI

`https://sapdev5.sapdevcenter.com/sap/opu/odata/IWFND/RMTSAMPLEFLIGHT/BookingCollection`

## Headers

```
[{"X-CSRF-Token": "fetch"}]
```

[Show more ▾](#)

## OUTPUTS

[Click to download](#)

Then the token X-CSRF-Token get parsed from the response headers and added to the post request headers:

\* Method

POST



\* URI

`https://sapes5.sapdevcenter.com/sap/opu/odata/IWFND/RMTSAMPLEFLIGHT  
/BookingCollection`

Headers

Accept

application/json



X-CSRF-Token

(x) x-csrf-token x



Enter key

Enter value

Queries

Enter key

Enter value



Body

Enter request content

\* Authentication

Basic



\* Username

\* Password

Add new parameter



The parsing works, unfortunately I am getting this 403 error:

Forbidden.

## INPUTS

Show raw inputs &gt;

Method

POST

URI

`https://sapes5.sapdevcenter.com/sap/opu/odata/IWFND/RMTSAMPLEFLIGHT/BookingCollection`

Headers

```
[{"Accept": "application/json", "X-CSRF-Token": "SfLjDuCUCoK7"}]
```

Show more ▾

OUTPUTS

Status code

403

Headers

Key	Value
Set-Cookie	sap-usercontext=sap-client=0...
x-csrf-token	Required
sap-processing-info	ODataBEP=,crp=,st=,MedCac...
Content-Length	20

Body

CSRF token validation failed

Seems like I am not the only one facing this issue:

<https://social.msdn.microsoft.com/Forums/en-US/29452ba9-61fa-420b-831a-79ee354f38d4/enable-csrf-token-in-logic-app>

Any ideas?

Many thanks for your support!

Roman

Like (0)



Andre Fischer | Post author

May 9, 2019 at 3:49 pm

Sorry about this inconvenience.

Yes I know that lots of people are struggling with this and my colleagues are working on a solution.

But unfortunately I can't tell you yet when this issue will be fixed.

Best regards,  
Andre

Like (0)



Roman Broich

May 11, 2019 at 6:04 am

Hi Andre,

many thanks for your quick response and for following up this issue!

In the meantime I was able to reproduce the required POST request with a plain vanilla HTTP/REST client:

# @name login

GET [https://sapes5.sapdevcenter.com/sap/opu/odata/iwbep/GWSAMPLE\\_BASIC/SalesOrderSet\(%27050000010%27\)/ToBusinessPartner](https://sapes5.sapdevcenter.com/sap/opu/odata/iwbep/GWSAMPLE_BASIC/SalesOrderSet(%27050000010%27)/ToBusinessPartner) HTTP/1.1

Authorization: Basic XXX:XXXX

X-CSRF-Token: fetch

@authToken = {{login.response.headers.X-CSRF-Token}}

# @name bookFlight

POST <https://sapes5.sapdevcenter.com/sap/opu/odata/IWFND/RMTSAMPLEFLIGHT/BookingCollection> HTTP/1.1

Authorization: Basic XXXX:XXXX

X-CSRF-Token: {{authToken}}

Content-Type: application/json

{

KEYS:VALUES

}

Like (0)



Roman Broich

May 28, 2019 at 10:40 am

The issue with Azure Logic Apps got solved by [Bartosz Jarkowski](#) :

<https://blogs.sap.com/2019/05/28/your-sap-on-azure-part-18-the-story-of-a-missing-csrf-token/>

Like (1)



Manjunath Gudisi

July 2, 2019 at 12:23 pm

Hi,

I have a strange issue. Im using Google chrome browser. Open SAPES5 GUI in a tab and open [https://sapes5.sapdevcenter.com/sap/opu/odata/sap/SEPMRA\\_PO\\_APV/\\$metadata](https://sapes5.sapdevcenter.com/sap/opu/odata/sap/SEPMRA_PO_APV/$metadata) in a new tab (in the same browser), then it works fine and see the metadata. However, unable to access the same URL in incognito mode.

I have also tested it in Postman, it says unauthorized, 401 error.

I need to test the URL in incognito mode, then only I can go ahead and create a mobile destination in mobile services cockpit.

Anyone has any idea how to test the above URL in Postman or incognito mode?

The screenshot shows a POSTMAN interface with the following details:

- Method:** GET
- URL:** [https://sapes5.sapdevcenter.com/sap/opu/odata/sap/SEPMRA\\_PO\\_APV/\\$metadata](https://sapes5.sapdevcenter.com/sap/opu/odata/sap/SEPMRA_PO_APV/$metadata)
- Headers:** Authorization (Basic aTMwMjM0MjpAU0FQY3AxIQ==)
- Body:** HTML response showing a logon error message:

```
i 1 <html>
2   <head>
3     <title>Logon Error Message</title>
4     <META http-equiv="Content-Type" content="text/html; charset=UTF-8">
5     <style type="text/css">body { font-family:tahoma,helvetica,sans-serif;color:#333333;background-color:#FFFFFF; }td { font-family:tahoma,helvetica,sans-serif;font-size:70%;color:#333333; }h1 { font-family:tahoma,helvetica,sans-serif;font-size:160%;font-weight:bold;margin-top:15px;margin-bottom:3px;color:#003366; }h2 { font-family:verdana,helvetica,sans-serif;font-size:120%;font-style:italic;font-weight:bold;margin-top:6px;margin-bottom:6px;color:#999900; }p { font-family:tahoma,helvetica,sans-serif;color:#333333;margin-top:4px;margin-bottom:4px; }ul { font-family:tahoma,helvetica,sans-serif;color:#333333;list-style-type:square;margin-top:8px;margin-bottom:8px; }li { font-family:tahoma,helvetica,sans-serif;color:#333333;margin-top:4px; }.emphasize { color:#333333;background-color:#C8E3FF;padding:5px; }.note { color:#CC6600; }a { font-family:tahoma,helvetica,sans-serif;text-decoration:underline;color:#336699; }a:visited { color:#001166; }a:hover { text-decoration:none; }</style>
6   </head>
7   <body>
8     <table cellpadding="0" cellspacing="0" border="0" width="100%">
9       <tr>
10         <td>
11           <h1>Logon failed</h1>
12         </td>
13       </tr>
14     </table>
15   </body>
16 </html>
```
- Status:** 401 Unauthorized
- Time:** 646 ms

Thanks, Manju

Like (0)



Andre Fischer | Post author

July 2, 2019 at 4:56 pm

The login client for the ICF node was set to client 000.

However ES5 uses client 002.

I changed that and will check why we have this setting and how to activate 002 as the default logon client for OData services.

Regards,

Andre

Like (0)



Manjunath Gudisi

July 3, 2019 at 2:40 am

Hi Andre

Seems you already have made the necessary settings. I can now access [https://sapes5.sapdevcenter.com/sap/opu/odata/sap/SEPMRA\\_PO\\_APV/\\$metadata](https://sapes5.sapdevcenter.com/sap/opu/odata/sap/SEPMRA_PO_APV/$metadata) in both browser (with incognito mode) and Postman without setting of sap-client=002 as a header. Thank you for your quick fix.

Thanks, Manju

Like (0)



Boghyon Hoffmann

July 15, 2019 at 9:03 pm

Hi Andre Fischer

According to OData reference services (e.g. Northwind), concatenating query values with whitespace after comma is allowed. Not sure if the OData V2 spec actually allows that, but I could see that GW services don't. Here is an example:

- [https://services.odata.org/V2/Northwind/Northwind.svc/Customers?\\$select=CustomerID, ContactName](https://services.odata.org/V2/Northwind/Northwind.svc/Customers?$select=CustomerID, ContactName) succeeds.
- [https://sapes5.sapdevcenter.com/sap/opu/odata/IWBEP/GWSAMPLE\\_BASIC/ProductSet?\\$select=ProductID, Name](https://sapes5.sapdevcenter.com/sap/opu/odata/IWBEP/GWSAMPLE_BASIC/ProductSet?$select=ProductID, Name) fails.

(the same applies to \$expand)

Unless OData V2 spec explicitly states that there shouldn't be any whitespace in between, it would be nice if the GW sample services could be fixed accordingly so that e.g. \$expand and \$select work with whitespace after comma.

Like (0)



Andre Fischer | Post author

July 15, 2019 at 9:46 pm

I will check this with our colleague that is responsible for the OData specification.

Best Regards,

Andre

Like (1)



Boghyon Hoffmann

July 25, 2019 at 2:11 pm

Any news? Maybe [Ralf Handl](#) could give us a hint..

Like (0)



Andre Fischer | Post author

July 25, 2019 at 2:40 pm

It is a bug and it will be fixed.

But I can't tell you when this will be done and when this fix will reach ES5.

Again thanks for pointing us to this.

Best Regards,

Andre

Like (1)



Sijin Chandran

July 31, 2019 at 9:50 am

At least basic authorizations of viewing already built Gateway Projects should be granted in my opinion. Even SE11 Table content Display authorization is not there 😞

Like (0)



Andre Fischer | Post author

August 9, 2019 at 2:31 pm

Have you tried the property WebIDESystem in capita letters, thus ES5 instead of es5.

And have you tried to authenticate as P200... instead of p200...

You can also try to use Basic Authentication for the destination entering your credentials there as I described in my blog.

Regards,

Andre

Like (0)



abhijeet kankani

August 16, 2019 at 11:32 am

Hi Andre,

Is it possible to expose CDS view as reference data source for generating odata version 4.

or Can we use CDS with BOPF also for generating SAP odata version 4 .

Regards

Abhijeet Kankani

Like (0)



Ariel Godoy

September 5, 2019 at 4:44 pm

Hello,

I'm trying to use the GWSAMPLE\_BASIC for a demo, but as you can see [here](#) there's only one sales order, and it doesn't have any items, yesterday the same service returned a lot of orders and line items.

I didn't delete anything so my question is, Is the data shared globally? isn't there some way to freeze a minimum dataset so it can't be deleted?

Kind regards,

Like (0)



neha sandeep naik

September 11, 2019 at 4:26 pm

\*Name: ES5  
Type: HTTP  
Description: SAP Gateway Demo System  
\*URL: <https://sapes5.sapdevcenter.com>  
Proxy Type: Internet  
Authentication: BasicAuthentication

Check Connection

Connection to "ES5" established. Response returned: "307: Temporary Redirect"

Close

sap-client	002	
TrustAll	true	
WebIDEEnable	True	
WebIDESystem	ES5	
WebIDEUsage	odata_abap, bsp_exe...	

Edit Clone Export Delete Check Connection

could anyone please let me know ,how to proceed as i'm facing this connection error.

Like (0)



Ariel Godoy

October 14, 2019 at 5:04 pm

Hello,

In the GWSAMPLE\_BASIC there's a function called RegenerateAllData that we can use to create new orders, however, I couldn't find anything similar in EPM\_REF\_APPS\_PO\_APV\_SRV

Is there any way to regenerate the data there or create more orders without having to wait for the automatic refresh the next day?

Thanks in advance,

Ariel

Like (0)



Andre Fischer | Post author

October 14, 2019 at 5:25 pm

No, unfortunately only GWSAMPLE\_BASIC has this feature and only for SO's.

The EPM demo data can however be refreshed using transaction SEPM\_DG.

Best Regards,

Andre

Like (1)



Ariel Godoy

October 21, 2019 at 5:59 pm

Hi Andre,

That option works wonders! I saw that we also can set the number of PO to generate, thanks a lot!

Are there other transactions to refresh other services? is that documented somewhere?

Thanks again,

Ariel

Like (0)

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