

## ! Important SAP Community Log-in Update!



Starting on September 5, the SAP Community will switch to SAP Universal ID as the only option to login. Create your SAP Universal ID now! If you have multiple S- or P- accounts, link your accounts to SAP Universal ID.

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Former Member

February 6, 2014 | 3 minute read

## How to configure Your SAP GUI HTML for Web Access

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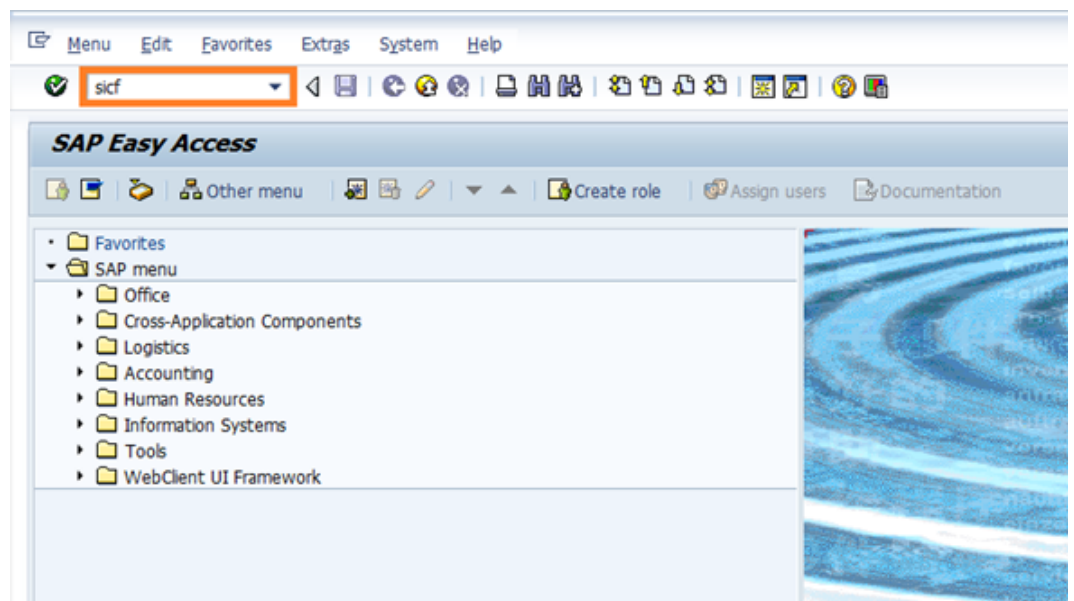
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In some cases users prefer to login to their SAP systems via the web. It could be because they travel alot, or they do not have access to their computers all the time. In such cases SAP HTML can help them alot.

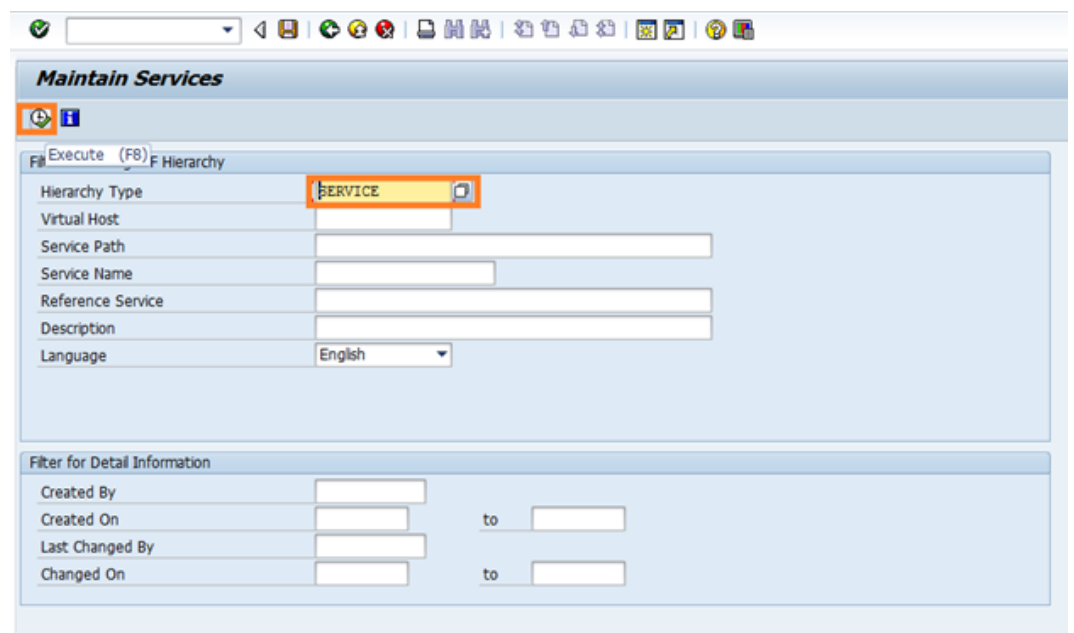
This document describes how to configure SAP HTML on your SAP system:

1- Login to SAP system

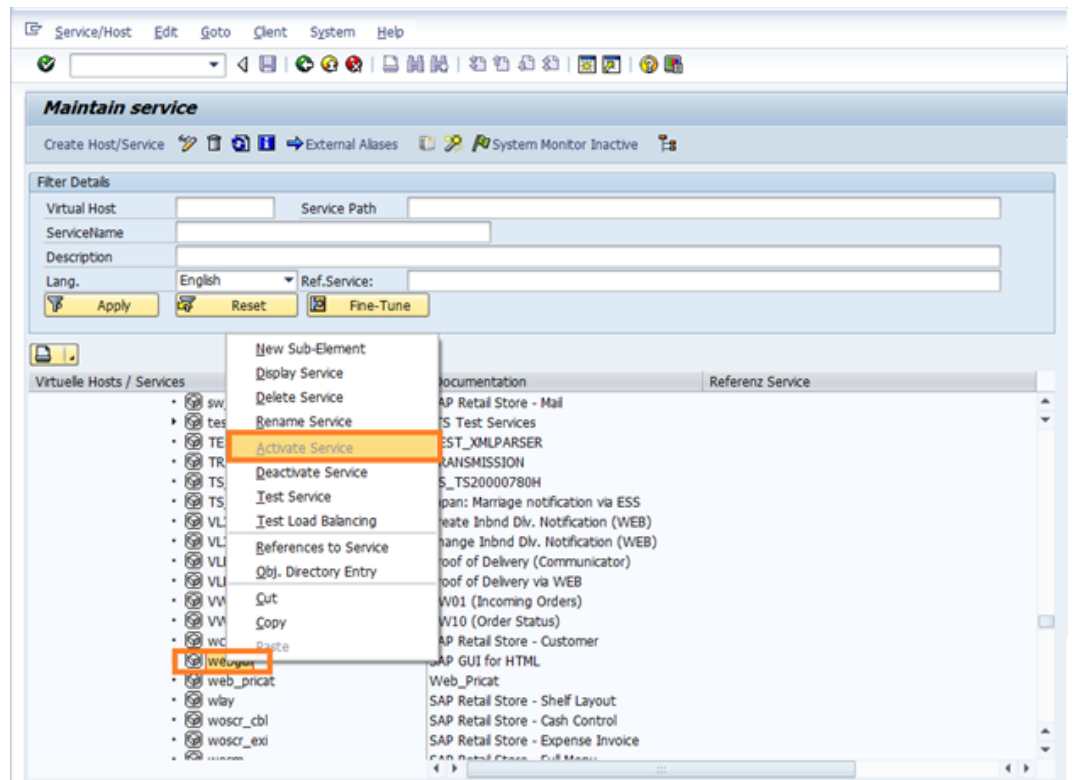
2- Run t-code SICF to start activating the required services



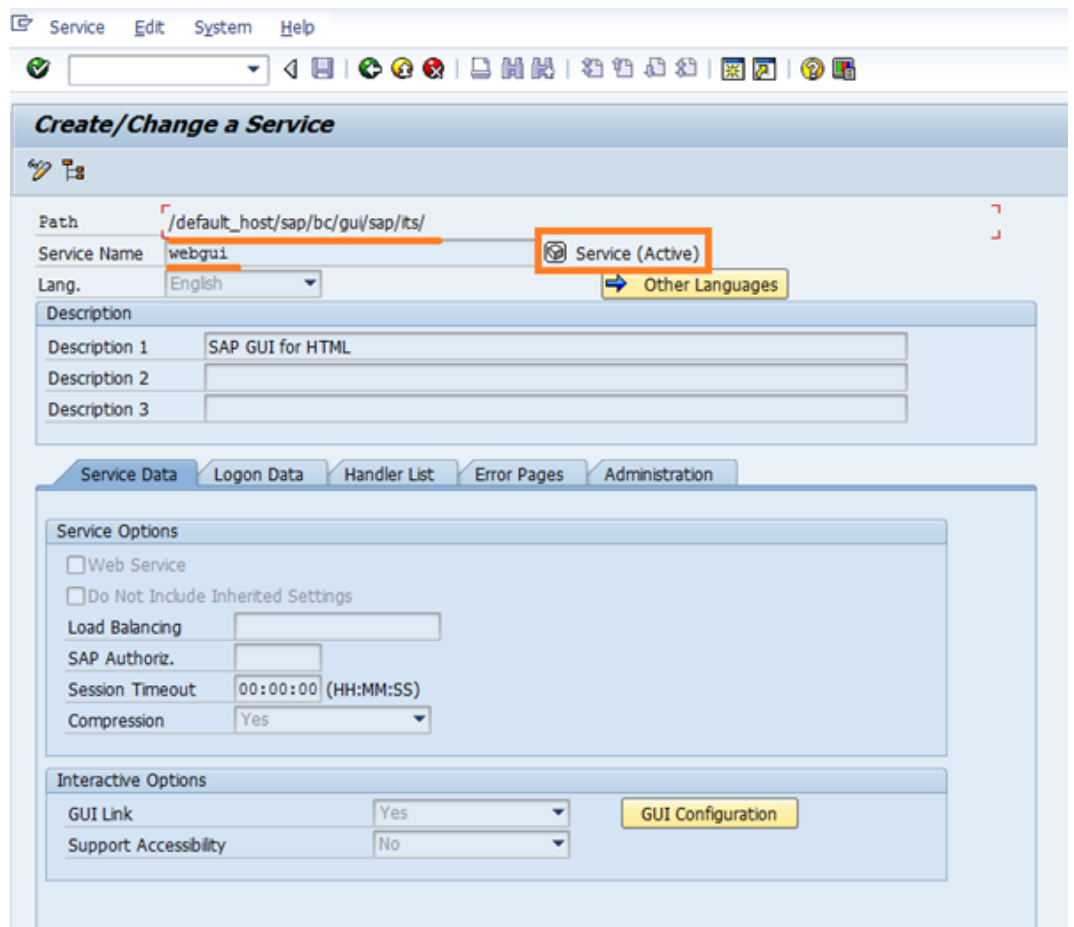
3- Click on execute



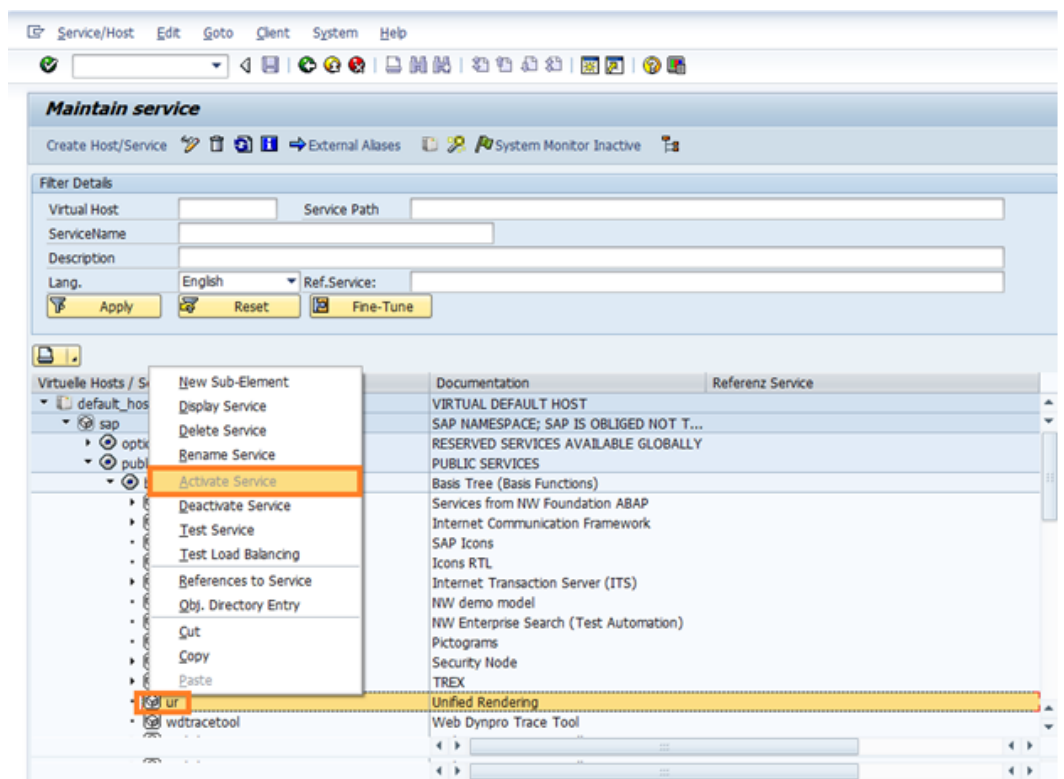
4- Navigate to /default\_host/sap/bc/gui/sap/its/webgui and right click on to activate it



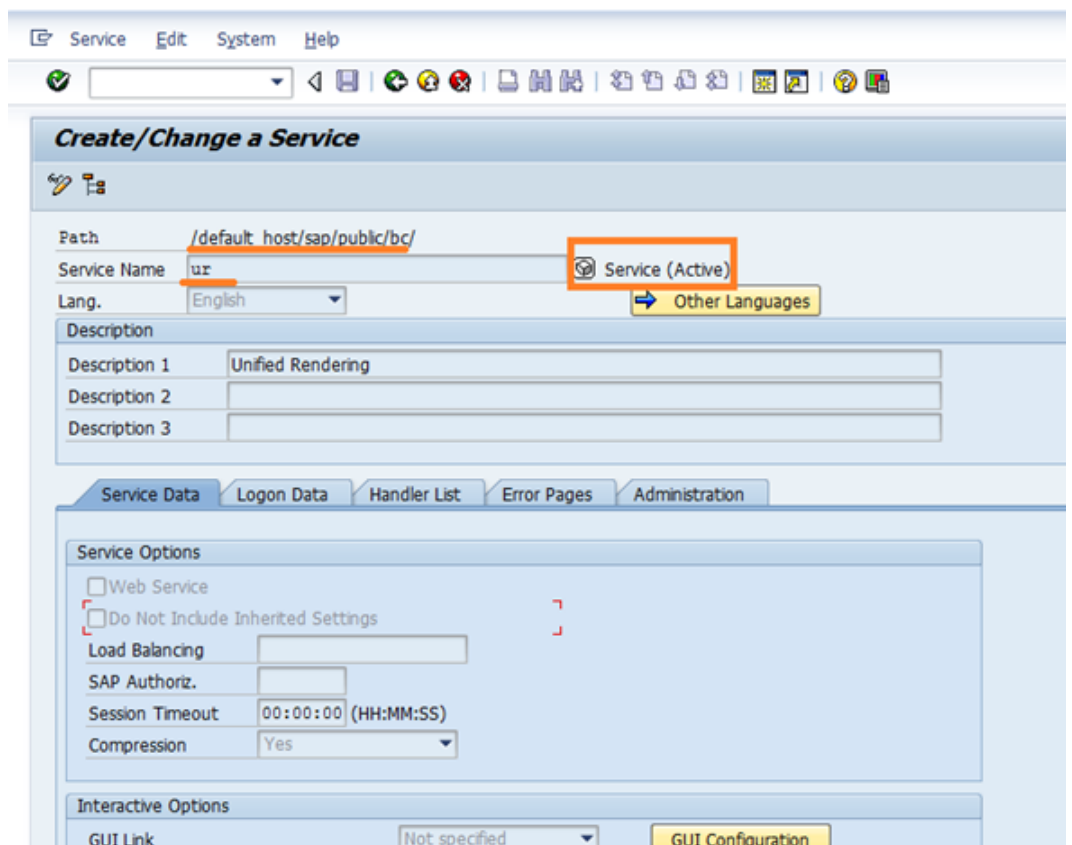
5- Double click on webgui service to make sure it is activated



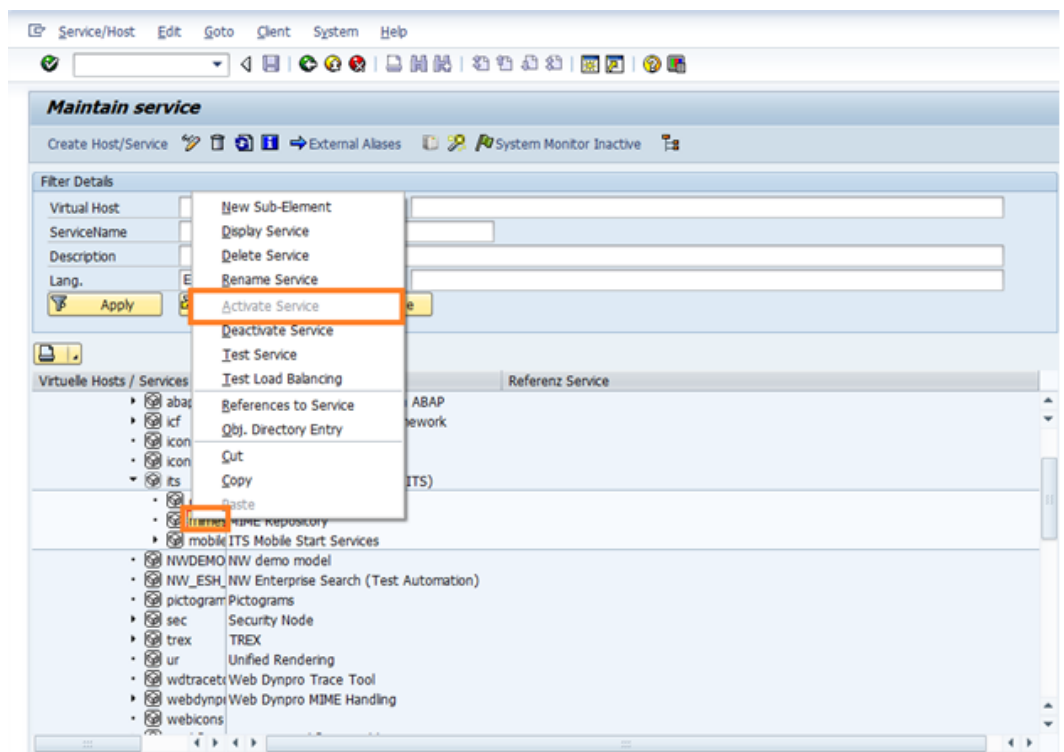
6- Navigate to the second required service /default\_host/sap/public/bc/ur and right click on it to activate it



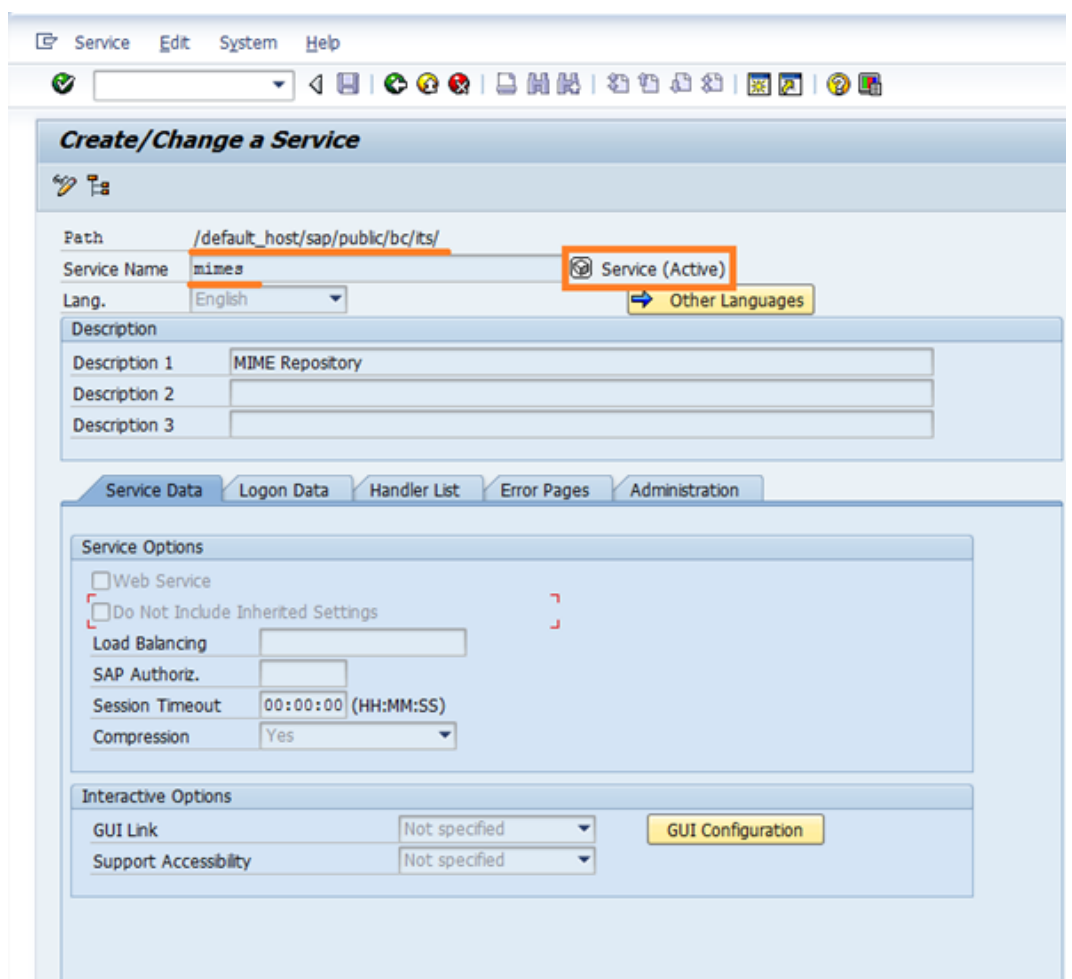
7- Double click on ur service to make sure it is activated



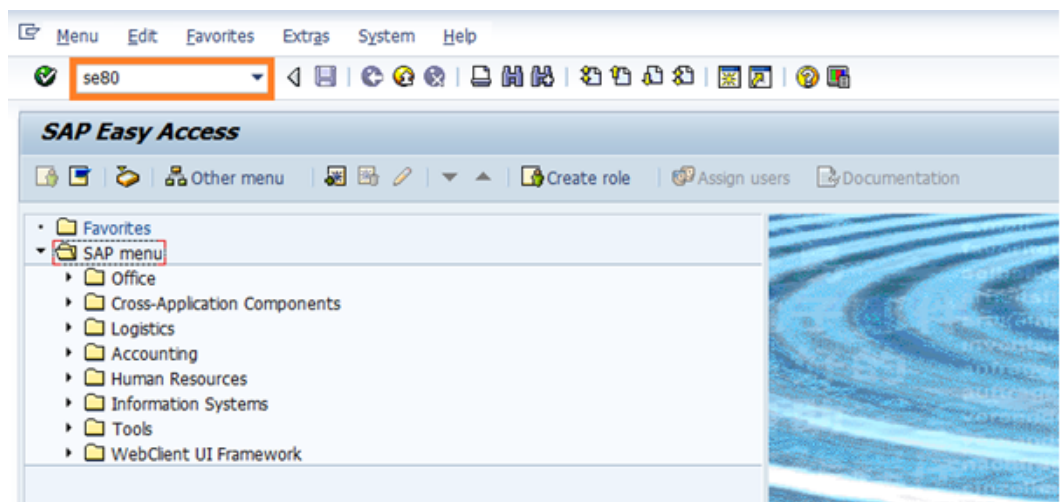
8- Navigate to the third required service /default\_host/sap/public/bc/its/mimes and right click on it to activate it



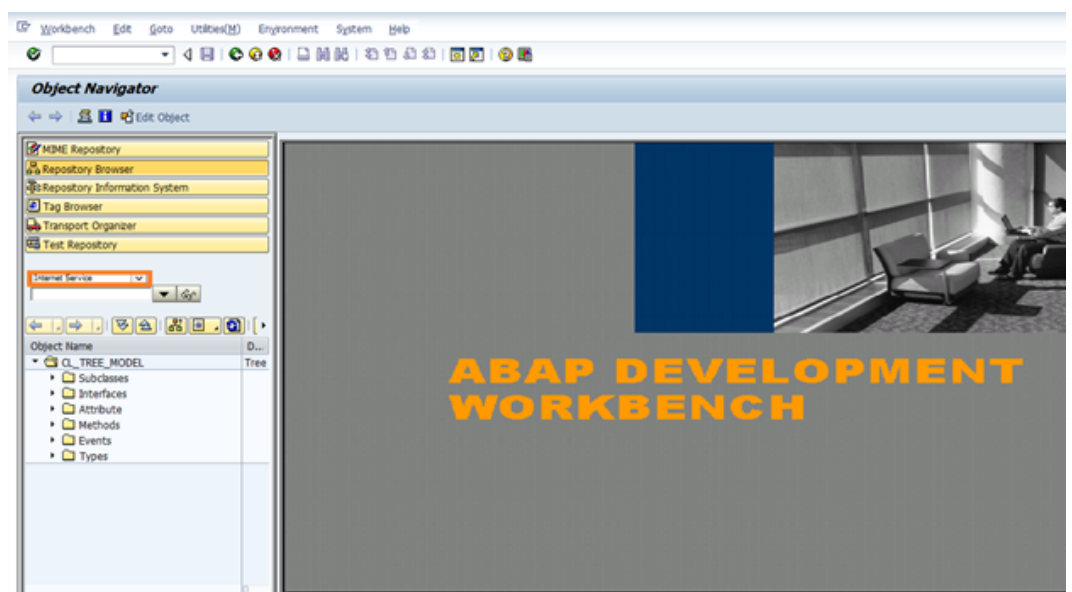
9- Double click on mimes service to make sure it is activated



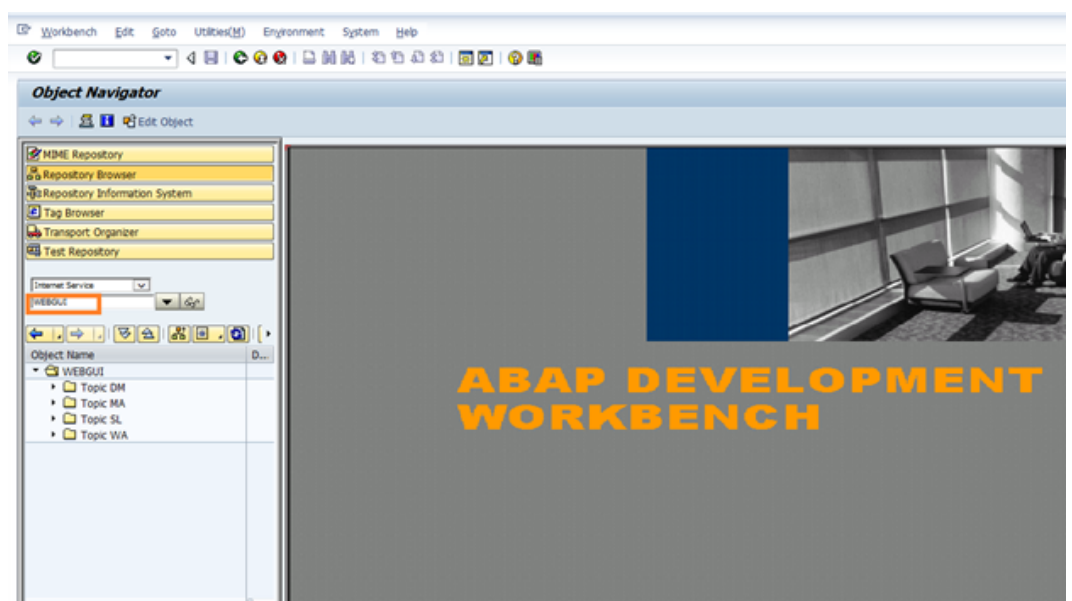
10- Run t-code SE80 to go to the ABAP Workbench



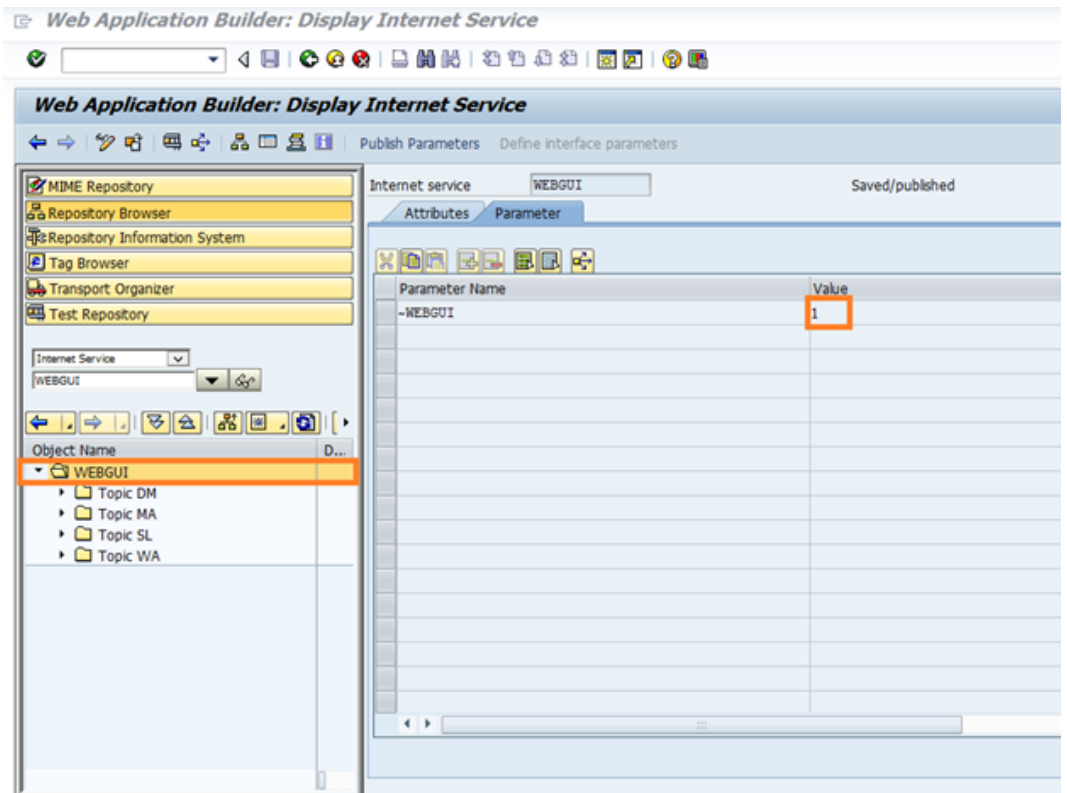
11- From the repository browser in your abap workbench from the dropdown list choose internet services



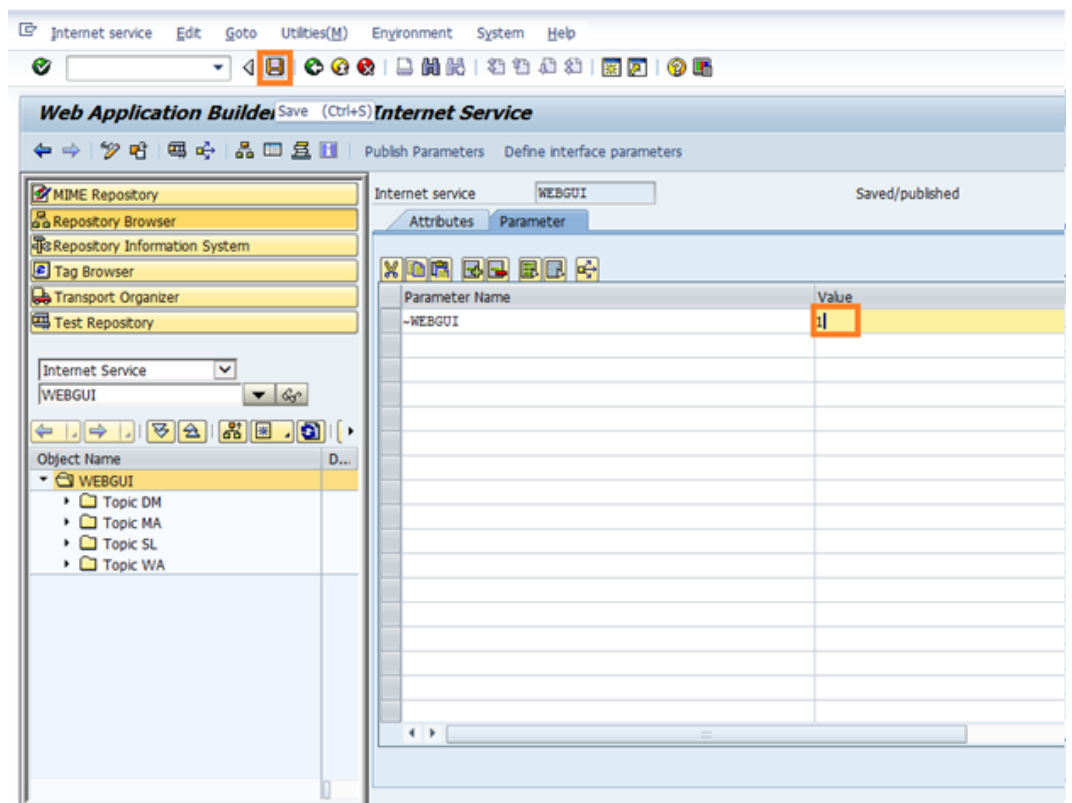
12- Type webgui in the field and press enter



13- Give the value 1 to webgui parameter as the below:



14- Save your changes



15- Go RZ10 and make sure that you have both parameters set, and if not then you need to define them:

login/accept\_sso2\_ticket = 1

login/create\_sso2\_ticket = 2

Copy Line Line ▲ PARAM+ ▼ PARAM-

Parameter name: login/accept\_sso2\_ticket Status Active Seq. no. 8

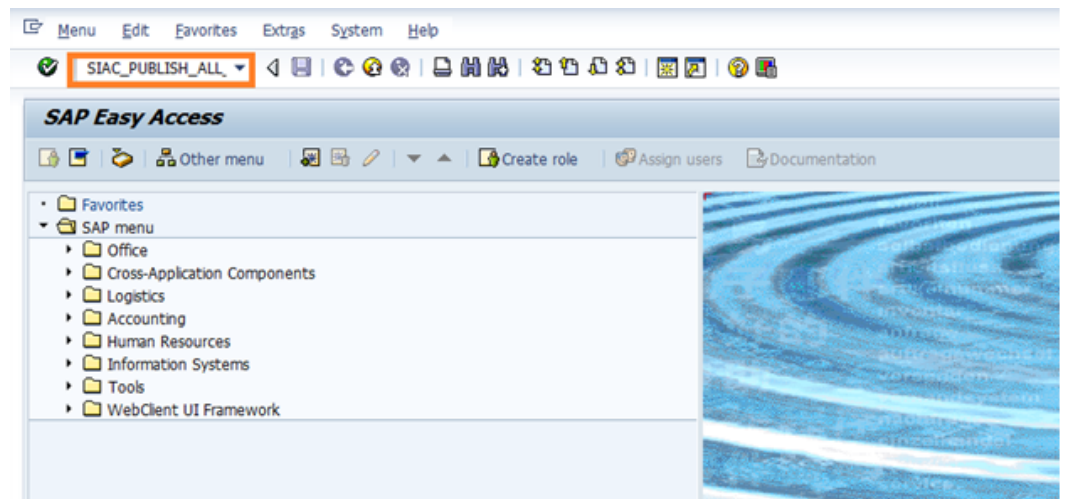
Parameter val.: 1

Copy Line Line ▲ PARAM+ ▼ PARAM-

Parameter name: login/create\_sso2\_ticket Status Active Seq. no. 11

Parameter val.: 2

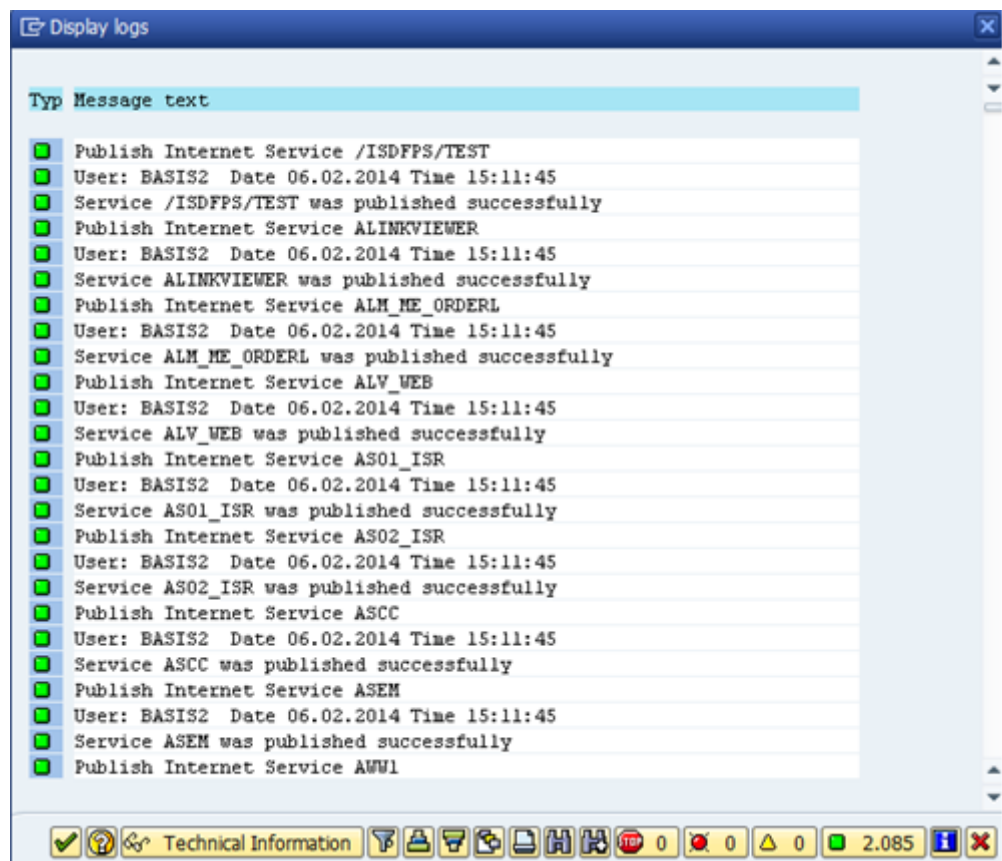
16- Run the t-code SIAC\_PUBLISH\_ALL\_INTERNAL to start activating the services



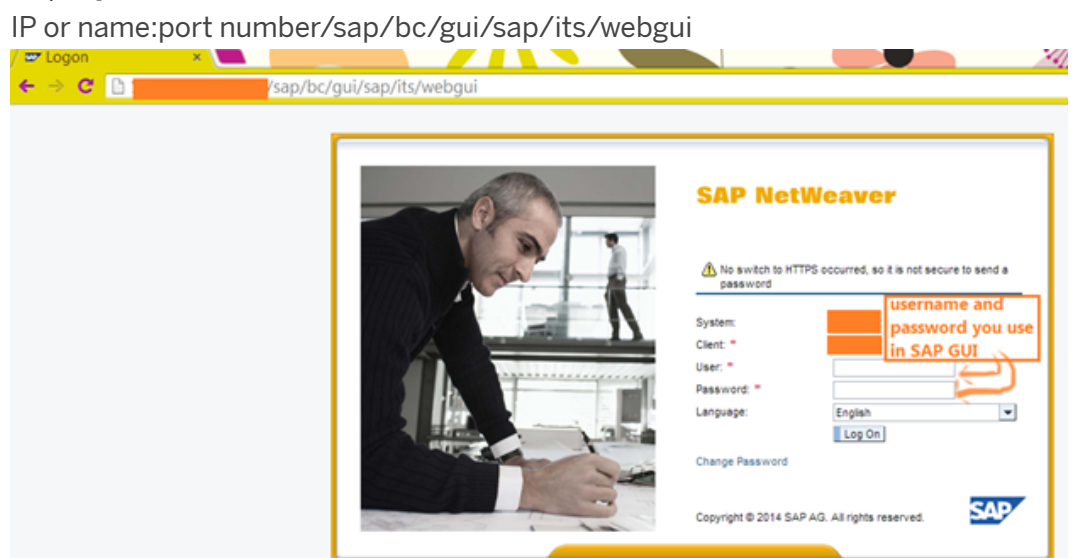
17- The activation will start as you will notice at the bottom of your screen

18- When the activation is done you should see a screen as the below mentioning that the activation was done successfully

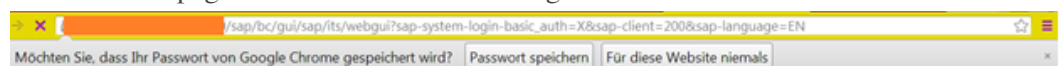




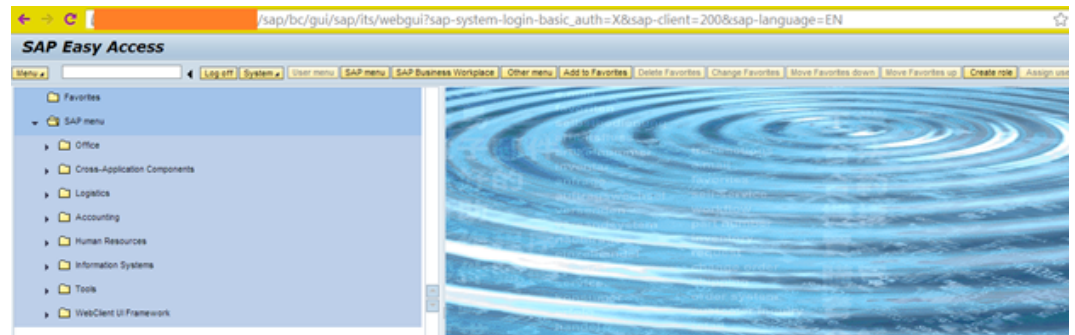
19- Now it is time to test what you did so far. To do that go to your browser and run <http://your server IP or name:port number/sap/bc/gui/sap/its/webgui>



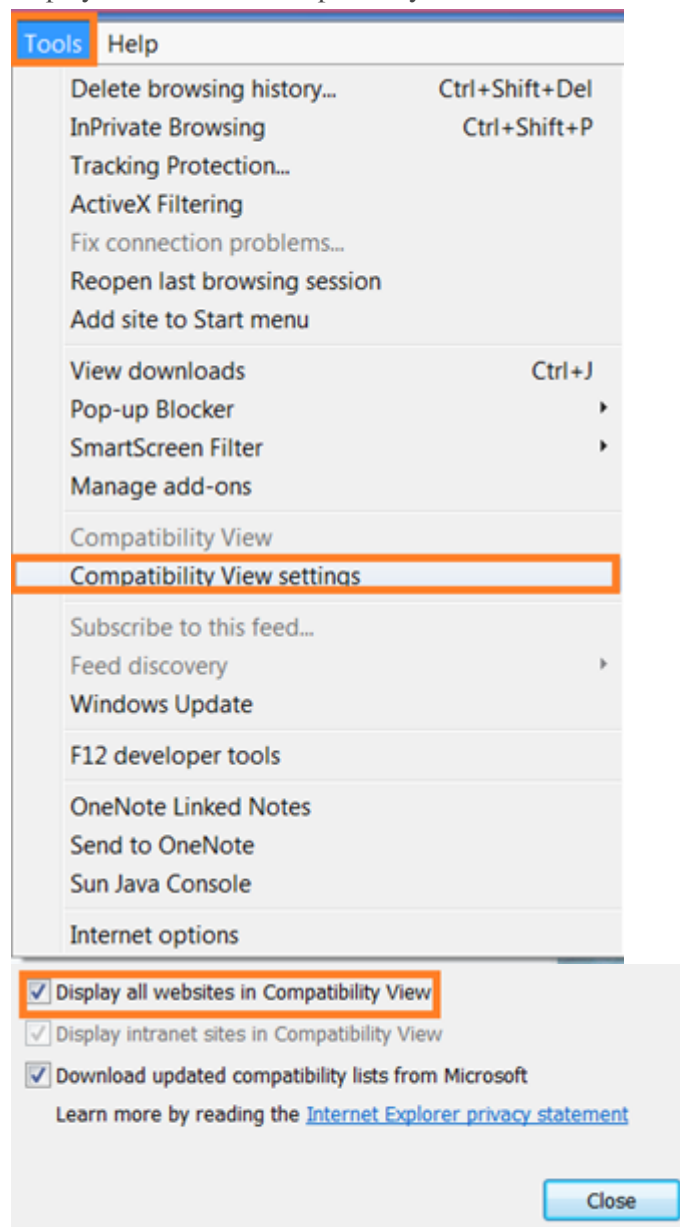
20- Your web page will look like the following:



21- Your initial sap screen will look like the following:



22- In case you face issues with the compatibility on your browser you can fix it by going to your internet explorer → Tools → Compatibility View Settings → check the box: display all website in compatibility view



## SAP GUI HTML Public Access through a public IP

You have the option in accessing your SAP system via SAP GUI HTML using a public IP which will allow you to access your SAP system via public natting without the need to have a private VPN “Virtual private network”.

The way how I did was that I took  
and gave it to the network team, and mentioned to them my private internal IP for my  
SAP system along with the port 8000 which I am using for http.

From the network team side, they linked "[http://private  
IP:8000/sap/bc/gui/sap/its/webgui](http://private IP:8000/sap/bc/gui/sap/its/webgui)" into a public IP they have so when ever I  
put "<http:// public IP:8000/sap/bc/gui/sap/its/webgui>" it directs me to the SAP  
GUI HTML.

Hope this was helpful

Best Regards  
~Amal Aloun

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## Assigned Tags

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UI WebGUI and Internet Transaction Server (ITS)

gui html

sap

sap administratin

sap basis;

web access

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By Rahul Akinapelli Feb 02, 2023

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## How to pass a transaction and list of parameters to SAP GUI HTML for Web Access

By Emilio Cano Dec 07, 2016

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### how to configure web gui html

By Former Member Jun 30, 2008

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## 28 Comments

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Former Member

February 8, 2014 at 7:30 am

Thanks, very helpful!

is the connection secure? Can I use SSL or HTTPS for these type of connections?

What about the speed of respond time?

Thank you very much 😊

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Former Member | Blog Post Author

February 8, 2014 at 4:41 pm

Dear Mohammed;

Yes it is secure. Incase you have a public IP for your server then you will be able to run SAP GUI HTML from any place outside your network.

You can use HTTPS as the following:

`http://your serverIP or name:port number for https/sap/bc/gui/sap/its/webgui`

I use both http, and https and both are working fine.

The performance is the same as the SAP GUI application on my machine. Both SAP GUI, and SAP GUI HTML have the same performance, and response time.

Best Regards

~Amal Aloun

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Former Member

February 10, 2014 at 8:54 am

Thanks Amal,

Does the SAP web cover all modules and transactions like SAP GUI application or there some limitations when using SAP Web ?

what if I would like to add SSL?

Thank you very much 😊

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Former Member

May 26, 2014 at 8:32 pm

Hello Amal,

Once the configuration has been done, do you know if there's log in limitations? I mean, can just used one tab o window with the same credentials? Im asking you because when i use my credentials to access and open a new tab in the same web browser, i can access to 4 or 5.. even 20 tabs with the same credecials.

Thank you Amal.

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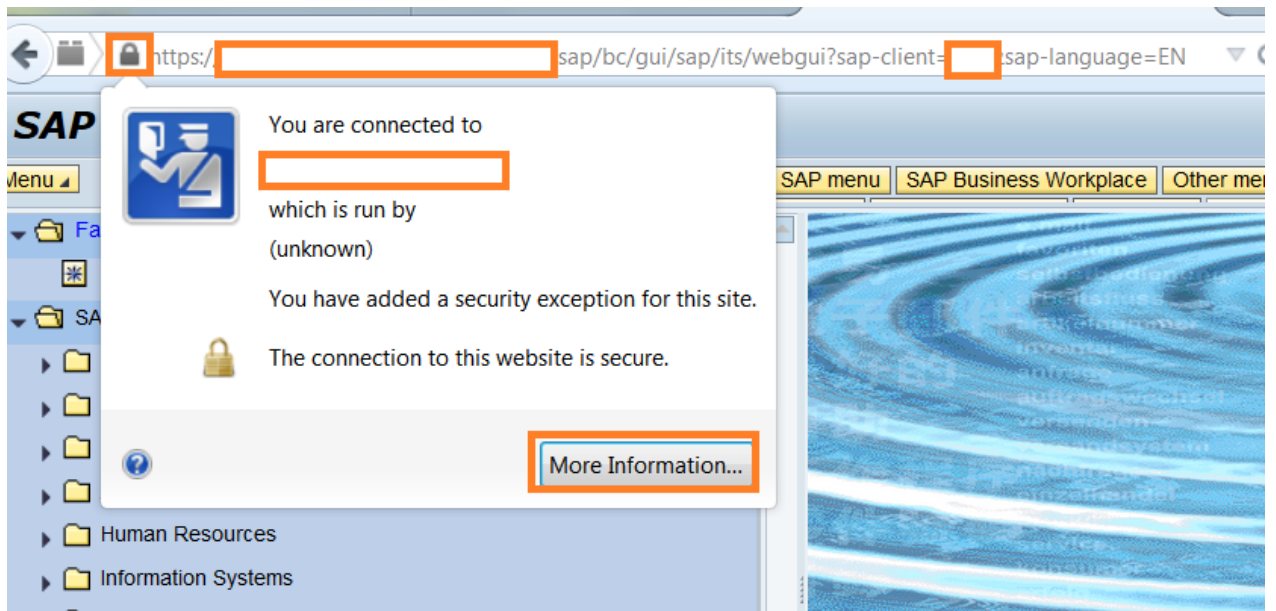
May 27, 2014 at 7:26 am

Dear Noe;

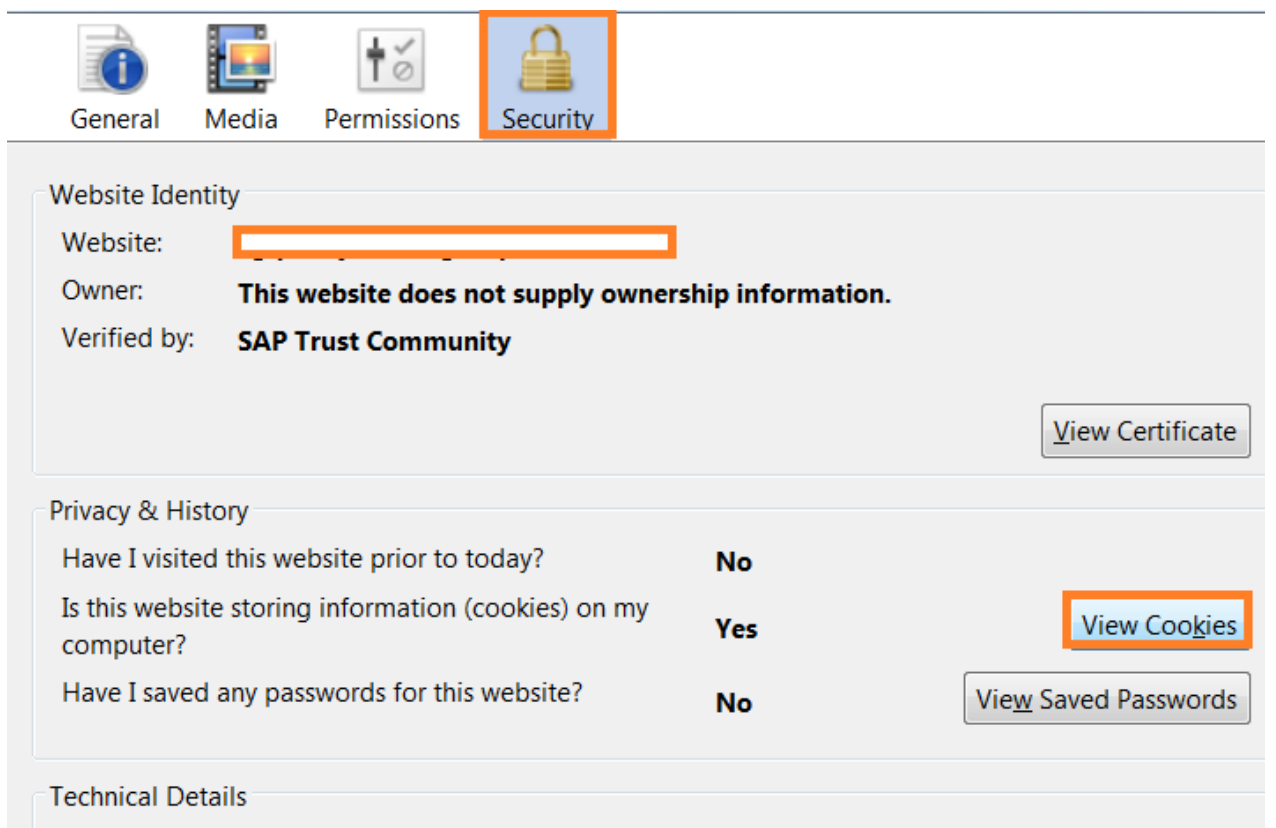
This has to do with your browser cookies. When you remove your browser cookies you will be able to provide your sap credentials each time you open a new tab.

To remove your cookies on fir fox do the following:

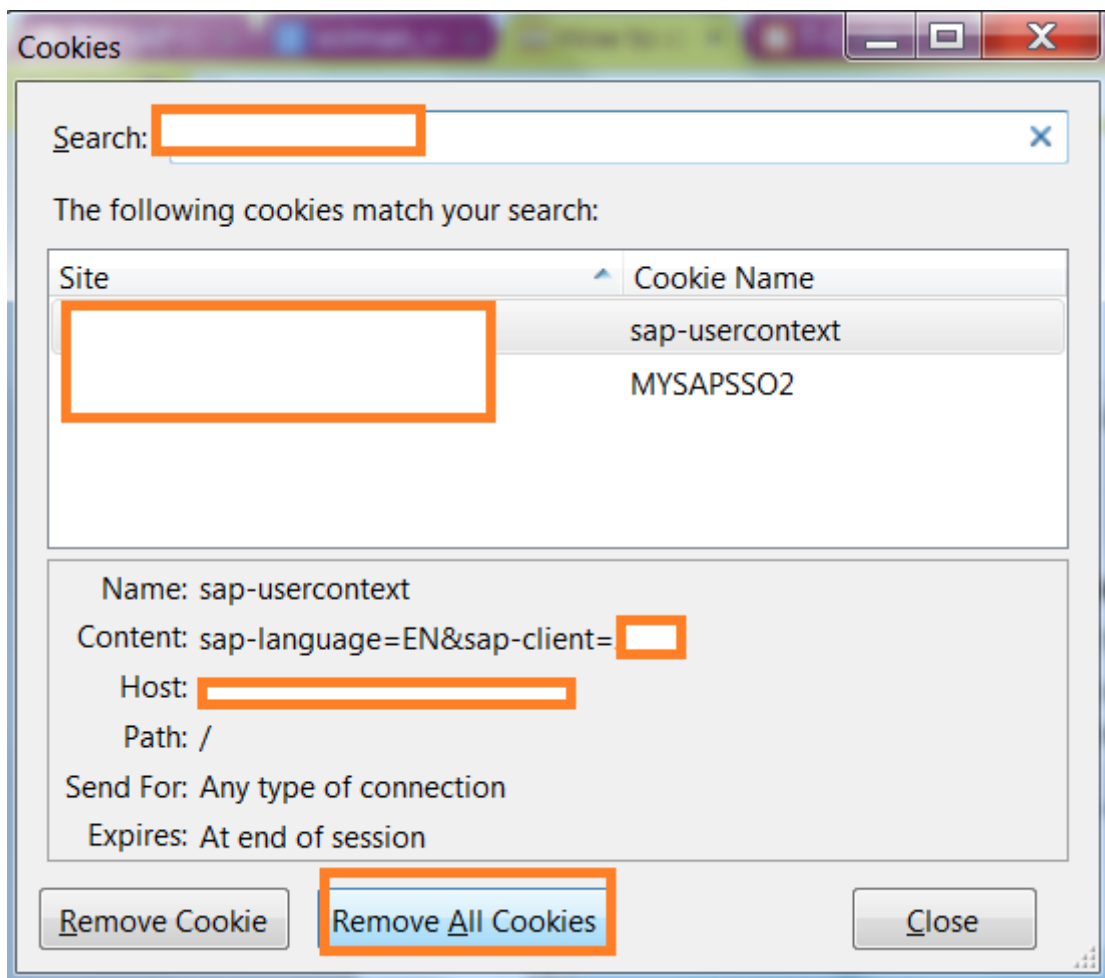
1- click on the lock icon next to your url then click on more information:



2- click on security tab and click on view cookies:



3- click on remove all cookies:



Hope this can fix your issue.

Best Regards

~Amal Aloun

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Former Member

May 29, 2014 at 8:56 pm

Hi Amal,

Thank you for response,

Already tried but with other procedure. I'll try with this steps.

Thank you agan.

Kind regards,

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Former Member

May 30, 2014 at 6:51 pm

Hello Amal,

Hope you are doing well today,

Unfortunately, the issue persists after following these steps, do you if this can be related with SAP GUI Web configuration or with the web browser configuration? The issue persists in IE, Google Chrome and Firefox, also the session can be performed from another computer.

Thank you Amal

Kind regards

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**Former Member**

October 14, 2014 at 9:11 am

Thank you Amal 😊 This is a very nice document. I wanted to know if there was any way we could access our SAP GUI from private IP. Looks like I will need to talk to my network guys to get it configured.

I also wanted to know the use of the second (bc/ur) and third service (bc/its/mimes) that you activated? Can't we simply activate the webgui service and use it? If not, why?

Please let me know.

Thanks in advance.

Regards,

Utkarsha

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**Oisin ONidh**

October 17, 2014 at 10:07 am

Hi Utkarsha,

the second (bc/ur) is not required but the third service (bc/its/mimes) is required if you wish to use the WEBGUI service.

Useful note:

[816973 ITS 7.00 - preclarification and basic problem analysis](#)

STEP 13/14 - these parameter entries need to be done in the 'GUI Configuration' section of the WEBGUI service via transaction SICF (rather than SE80)

Regards,



Oisin

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Former Member | Blog Post Author

October 19, 2014 at 9:43 am

Dear Utkarsha;

By default you will be redirected to your private IP when you run it in SE80.

If you put Private IP:port number/sap/bc/gui/sap/its/webgui after you do the required configuration you will be able to work with your gui on the web.

Regarding the second point as Oisin mentioned bc/its/mimes is required.

Best Regards

~Amal Aloun

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Former Member

April 9, 2015 at 12:14 pm

Hello Amal,

Great document. Regarding point 19, do you have any information regarding Single Sign On.

I'm currently working with a client and implementing the WEBGUI process, we currently have SSO set-up within the ABAP system and it works well.

How do i set-up SSO when calling the URL

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Bhargav Bhatt

June 14, 2015 at 2:57 pm

Hi,

nice document 😊

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**Saurabh Pandey**

March 1, 2016 at 4:54 pm

Amal,

Pretty useful document with the required steps for setup. Thanks for posting it. I am able to activate the WEBGUI service and I can go to SAP GUI HTML page but when I put my login credentials there, it throws an 500 Internal server error. Same setup is working fine on my other system. Any idea what could be wrong here?

Thanks,

Saurabh

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**Former Member**

March 2, 2016 at 6:38 am

It is most likely that the system on which it is not working, is not within your internal network. Please check if you can log into your SAP network on that system.

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**Keyvan Sharif**

June 27, 2016 at 7:00 am

Thanks Amal,

very helpful. This Documentation (part: 16- Run the T-code SIAC\_PUBLISH\_ALL\_INTERNAL) resolved our problem.

Cheers

Keyvan Sharif

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**Former Member**

July 12, 2016 at 9:16 am

hi,

Thanks for your information.

Regards,

Sai

Like 0 | Share



**Former Member**

August 22, 2016 at 4:01 pm

Thank you Amal, This was very helpful, I was able to create and execute SAPGUI for HTML but has anyone tried using SAML2.0 for SSO?

Regards,

M. Torres

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**Rajesh Mannapara**

April 20, 2018 at 5:17 pm

Yes, we used ADFS as Identity Provider with SAML2 and works seamlessly.

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**Emilio Cano**

December 7, 2016 at 10:27 am

Thank you Amal, We have a doubt of how can pass the code of a transaction SAP and a list of parameters for the transaction through SAP GUI HTML for Web Access, is this possible? How can we do it?

Thanks a lot

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**Akintunde Odenuga**

February 16, 2017 at 6:09 pm

Hi All,

Thank you for the document.

I have an issue whereby after the webgui activation works well, but when I input the username and password, nothing happens no changes at all, it doesn't take me to the initial SAP screen.

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**Maria Jhiosa Vergara**

April 20, 2021 at 5:30 am

did you resolve this? i have the same issue.

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**Narasimha MS**

September 11, 2017 at 7:16 am

Dear Mr. AMOL

Thank you so much for this useful document

I am able to access through Internet explorer , though it does not with Opera

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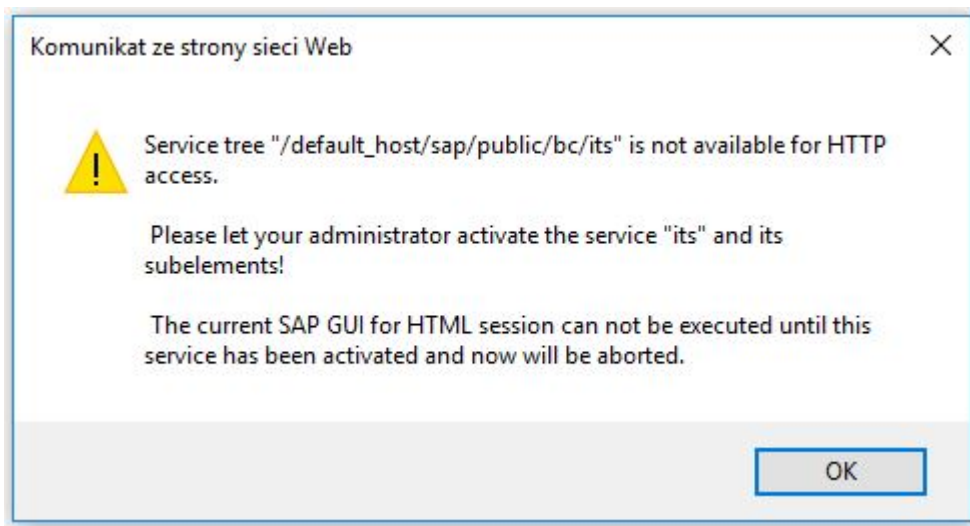


**Mieczyslaw Kaczor**

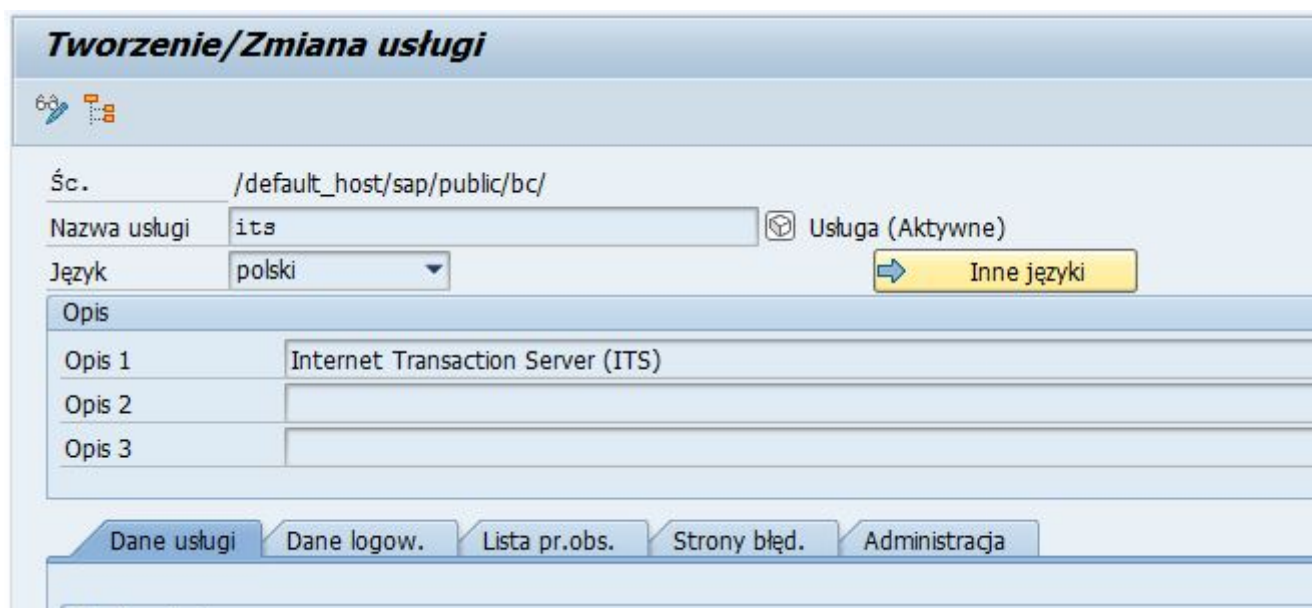
October 27, 2017 at 9:15 am

Dear All,

I configured all, first ppage witch login screenis fine, but when I try login to my system i have the error:



this service is activated:



could You help me, please

best regards

Mietek

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**dylan drummond**

February 4, 2018 at 8:40 pm

Hi Mietek,

maybe you already found the workaround, but in case not, then the solution is to activate the other 3 nodes (as well as the mimes node) under the SICF node mentioned in the error message ("/default\_host/sap/public/bc/its"). At least I have a laptop Developer edition of NetWeaver AS Abap (7.51), and activating those additional 3 nodes in SICF, was how I got past the same error message as you mention. So probably this workaround will work for you also.

Regards,

-dylan.

Virtual Hosts / Services	Documentation	Reference Service
▼ default_host	VIRTUAL DEFAULT HOST	
▼ sap	SAP NAMESPACE; SAP IS OBLIGED NOT T...	
> option	RESERVED SERVICES AVAILABLE GLOBALLY	
▼ public	PUBLIC SERVICES	
▼ bc	Basis Tree (Basis Functions)	
> abap	Services from NW Foundation ABAP	
> apc_test	ABAP Push Channels Test Node	
▪ bsp	BSP Design2008	
▪ clms	Cloud Management Services	
> icf	Internet Communication Framework	
▪ icons	SAP Icons	
▪ icons_rtl	Icons RTL	
▼ its	Internet Transaction Server (ITS)	
▪ designs	Service for MIME Repository	
▪ img	Images for SAP GUI for HTML/ ITS	
▪ mimes	MIME Repository	
▪ scripts	Javascript Files for ITS / SAP GUI for HTML	
▪ NWDEMO_MODEL	NW demo model	

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Reza Ejersbo

February 10, 2018 at 4:54 pm

Hello Thanks for very good blog,

I am trying to test webgui ITS service from SICF on BW system:

/default\_host/sap/bc/gui/sap/its/webgui. I tried to use test services, I get

SAP GUI login screen page after i used my user name and password successfully. Somehow the screen hangs and does not shows anything

I had :

Activate the mentioned services.

1. /default\_host/sap/bc/gui/sap/its/webgui
2. /default\_host/sap/public/bc/ur
3. /default\_host/sap/public/bc/its/mimes

AND:

Run T-Code SIAC\_PUBLISH\_ALL\_INTERNAL to activate the services

I have find this error from SMICM log file:

```
(SI_ESYSCALL/10054; I4; ST) [nixxi.cpp 6217]
[Thr 17224] Thu Feb 08 12:19:32 2018
[Thr 17224] *** ERROR => lcmConnThSync: No OOB message received [icxxconn.c 4491]
[Thr 17224] *** ERROR => NilShutdownHandle: SiShutdown failed for hdl 129/sock 14156
(SI_ESYSCALL/10054; I4; ST) [nixxi.cpp 6217]
[Thr 17220] Thu Feb 08 12:19:36 2018
[Thr 17220] *** ERROR => lcmConnThSync: N
```

Any help.

Thanks

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**Shubham Sharma**

January 24, 2019 at 8:51 am

Hi Reza,

We have the similar problem in our SAP. Where Web HTML portal is opening and but nothing is working after logging in.

It displays SAP GUI screen but we are not able to execute any tcode or click on any of the icons.

Please share if you have got the answer for this.

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**Ibnu Fajar**

March 25, 2019 at 4:00 am

Hi All

Have you resolve this issue. Im also have same issue cannot execute any tcode but its not happen in my QA & DEV server its running well.

Regards

Ibnu

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**Deepa HVZV - Kalyani**

October 20, 2022 at 2:03 pm

Hello,

The Hard Copy option is present in GUI but not Web GUI. Do we need to make some confirguration to bring gthta option in web GUI?

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