

# How-to Guide for Exercise – Access the Demo Appliance Landscape (Week 1, Unit 6, Part 1)

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### IMPORTANT NOTE:

The exercises for the Introduction to SAP Fiori UX openSAP course have been developed as an optional additive to your learning. These exercises have no bearing on your completion of the course or receiving your record of achievement. They are provided to allow for additional learning through hands on exercises. It is important to understand that SAP worked with Amazon Web Services to provide this offering to you and although there are no costs associated to SAP, **you will incur costs to Amazon if you choose to participate in the exercises**. If you are not able to incur costs then you can download these exercises and save them for a later time.

## INTRODUCTION TO CAL

SAP Cloud Appliance Library (SAP CAL) is an on-demand solution that allows you to quickly deploy SAP systems in your cloud account of the supported cloud providers. To date, we support Amazon Web Services (AWS) and Microsoft Azure as our cloud providers. For the purposes of the openSAP Introduction to SAP Fiori UX course we will be leveraging AWS. CAL provides you with new ways of streamlining and improving processes in your line of business while decreasing the total cost of ownership for SAP solutions.

SAP Cloud Appliance Library provides the following key features:

- New approved shipment channel for SAP solutions
- Quick and easy access to proof of concept, demo and training systems
- Overall lower costs and reduced time to value for your SAP systems
- Availability of preconfigured SAP systems and content as virtual appliances
- Ad-hoc system provisioning of standardized and validated SAP systems
- Production and delivery process of virtual appliances governed by SAP
- Integration with cloud providers
- Integration with the SAP Store

## INTRODUCTION TO AWS

Amazon Web Services (AWS) provides a highly reliable, scalable, low-cost infrastructure platform in the cloud that powers hundreds of thousands of businesses in 190 countries around the world. AWS began offering IT infrastructure services to businesses in the form of web services in 2006. SAP and AWS are working together to offer enterprises a number of solutions for migrating and deploying their enterprise applications on the AWS Cloud. For the purposes of the openSAP exercises you will be using AWS as the cloud provider.\*

Benefits of AWS:

- Low Cost
- Agility and Instant Elasticity
- Open and Flexible
- Secure

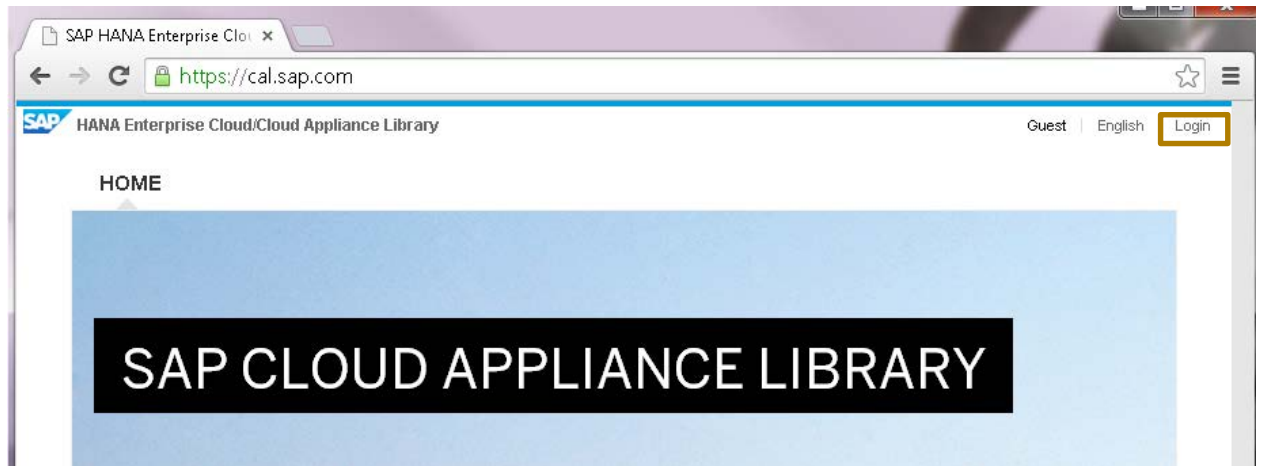
\*Source: <http://aws.amazon.com/about-aws/>

## EXERCISE OVERVIEW

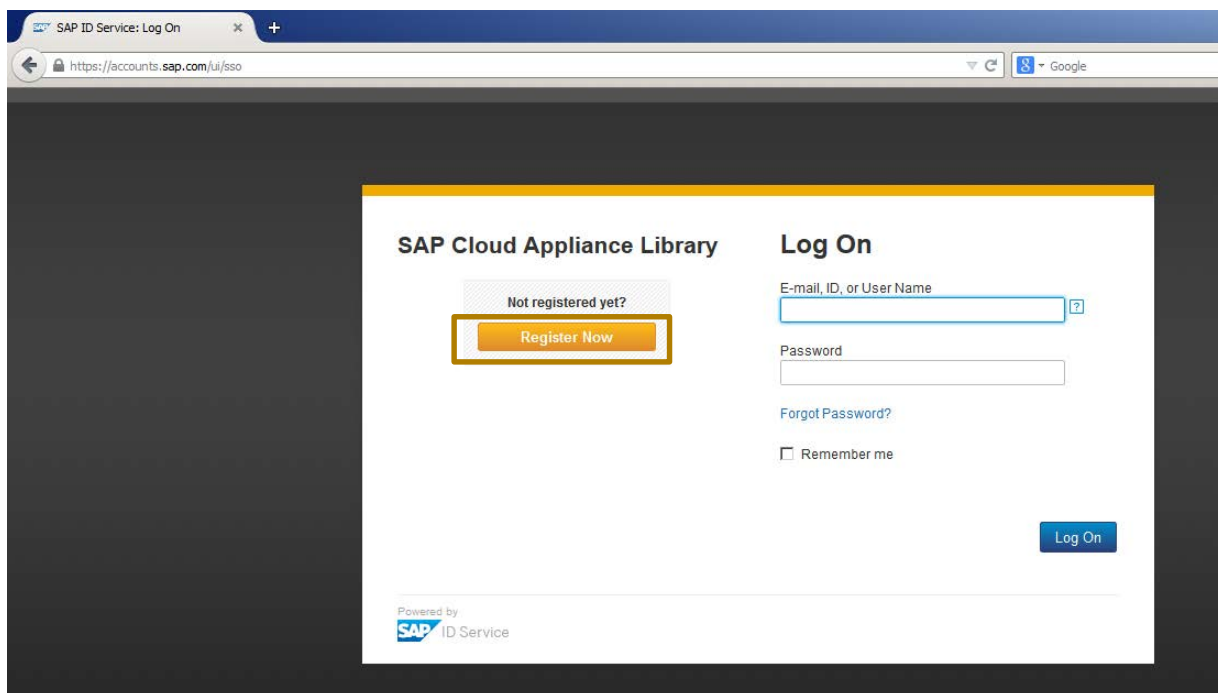
This exercise will get you signed up with an SAP CAL account and an Amazon AWS account. After both accounts are activated we will take you through the necessary steps to activate the openSAP Introduction to SAP Fiori UX instance. This exercise will take approximately an hour's time depending on how quickly the instance is activated. While the instance is activating you can do other work and then resume at a later time.

## CREATING AN ACCOUNT IN CAL

1. Access CAL by going to <https://cal.sap.com>. In the upper right hand corner choose 'Login'



2. If you already have a CAL account, please enter your credentials to login and proceed to the next section, Creating an Account in AWS. If you have not previously registered please choose 'Register Now'.



3. You will be presented with a registration form, please fill out all required information marked by an asterisk (\*). When you're finished choose the 'Register' button.

## Registration

To register for SAP Cloud Appliance Library, provide the required information below.

**Tell Us About Yourself**  
Salutation   
First Name\*   
Last Name\*   
E-mail\*   
Phone

**Set Password**  
Your password must contain at least eight characters including three of:  
☒ Uppercase letters ☒ Lowercase letters ☒ Numbers ☒ Symbols  
Password\*   
Re-Enter Password\*


**Tell Us About Your Company**  
Company\*   
Street Address\*   
Street Address 2   
City\*   
ZIP/Postal Code\*   
Country\*   
State/Province\*   
Industry

**Contact Preferences**  
In addition to communications that will result from this registration, would you also like to receive news and event notifications from SAP that are specific to your interests?  
By e-mail Yes ☐ No ☒  
By telephone Yes ☐ No ☒

☒ \* I acknowledge that I have read SAP's Privacy Statement and consent to the processing of my personal data in accordance with the terms of the Privacy Statement. This includes, without limitation, that SAP may collect, store and process any personal data voluntarily provided by me on this Web site and aggregate it with other personal data that I provided to SAP on earlier occasions by the methods and for the purposes described in the Privacy Statement and on this Web site. In accordance with the terms of the Privacy Statement and on this Web site, SAP may further track my use of SAP's Web sites and aggregate it with my personal data. I acknowledge that I can, at any time, request information on my personal data held by SAP and that I can have SAP update and correct such data and withdraw my consent given hereby by contacting SAP at [accounts@sap.com](mailto:accounts@sap.com).

\* Required

4. Upon successful registration you will receive a confirmation message telling you to login to the email address you provided to activate your account. Choose 'Close'.

**Thank you for registering with SAP.**  
☒ An e-mail with a link to activate your account has been sent to opensap.user@gmail.com  
To activate your account with SAP, click the link contained in the e-mail. Note that it might take a few minutes for the e-mail to reach your inbox.  
  
Powered by  


5. Login to the email account you registered with. You should have an email in your inbox from 'Notification' with an email titled 'Activate Your Account for SAP Cloud Appliance Library'.



Open the email and choose 'Click here to activate your account'



**Dear openSAP User,**

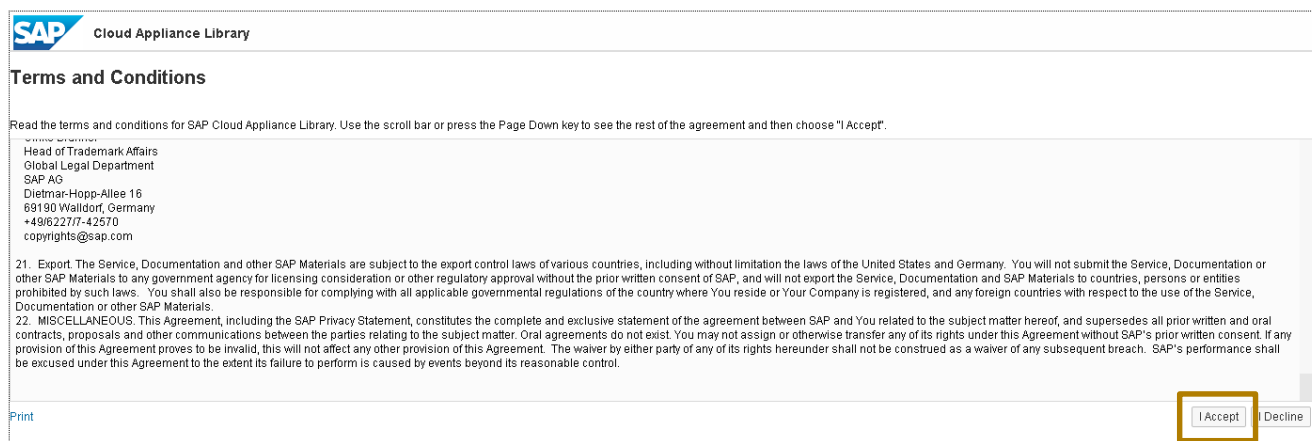
Thank you for registering with SAP ID Service. To activate your account for SAP Cloud Appliance Library, click the link below.

[Click here to activate your account](#)

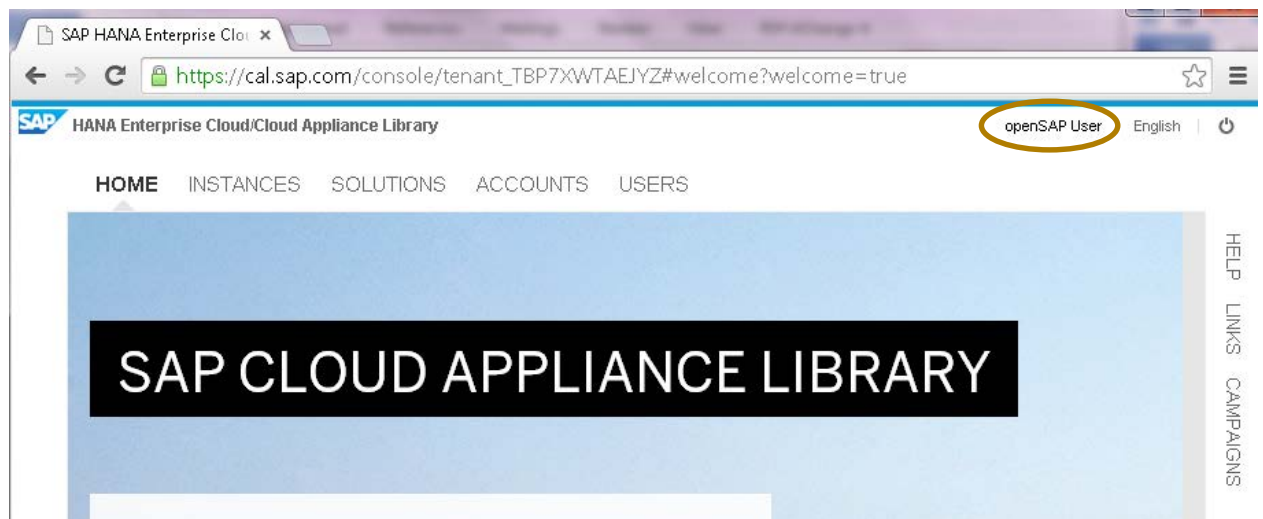
If the link above is not displayed or does not work, copy and paste the link below to the address bar of your browser.

<https://accounts.sap.com/ui/ssn/IDSactivation=1D5C55C023D89319AF4E792BF8DF9>

6. You should be automatically logged into CAL with your new credentials. If you are not, the email provides you with a web address you can copy and paste into the browser. If that doesn't work, try closing out of CAL completely and then reopen <https://cal.sap.com>. Upon successful logon you will be prompted to read and accept the terms and agreement. Read them carefully and when you're finished choose 'I accept'



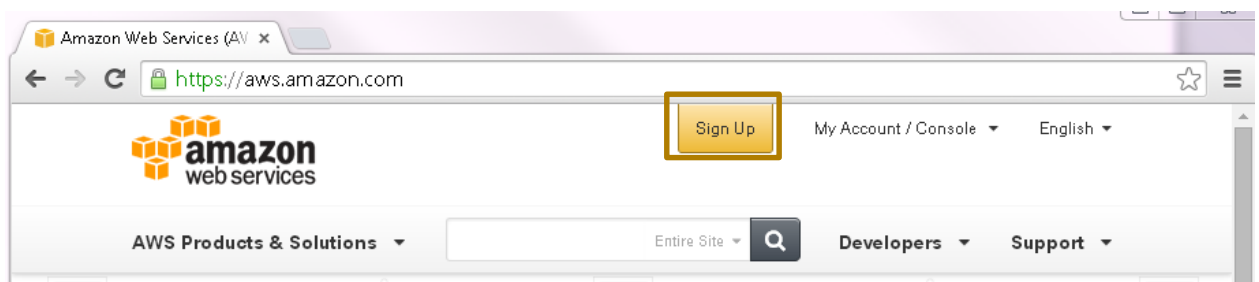
7. Once you're logged on make sure your registered login name is showing in the upper right hand corner.



Congratulations, you have successfully registered for CAL.

## CREATING AN ACCOUNT IN AWS

1. Access AWS by going to <https://aws.amazon.com>. Choose 'Sign Up'



2. If you already have an AWS account, enter your email address and password and proceed to step 10. If you don't have an account please enter your email address and choose the 'I am a new user radio button' and choose 'Sign in using our secure server'.



## Sign In or Create an AWS Account


You may sign in using your existing Amazon.com account or you can create a new account by selecting "I am a new user."

My e-mail address is:

☒ I am a new user.
   
☐ I am a returning user and my password is:

[Forgot your password?](#)  
[Has your e-mail address changed?](#)

3. Enter all fields on the Login Credentials page, then choose 'Create Account'



## Login Credentials

Use the form below to create login credentials that can be used for AWS as well as Amazon.com.

My name is:

My e-mail address is:

Type it again:

note: this is the e-mail address that we will use to contact you about your account

Enter a new password:

Type it again:

4. You may get a message saying you have not yet signed up for AWS; choose the blue 'sign up for AWS' to continue.



## Amazon Web Services Sign In

You have not yet signed up for AWS. To log in, [sign up for AWS](#). To logout, click [here](#)

5. Fill in the required contact information: Full Name, Country, Address, City, State/Province, Postal Code, Phone Number, Security check, and Customer Agreement. When finished choose 'Create Account and Continue'.

**NOTE:** It is very important that you thoroughly read and understand the agreement with AWS. This is an agreement between you as the user and Amazon Web Services and does not involve SAP or any SAP affiliates.



English ▼

Amazon Web Services Sign Up

### Contact Information

*\* Required Fields*

**Full Name\***

**Company Name**

**Country\***


**Address\***   
Apartment, suite, unit, building, floor, etc.

**City\***

**State / Province or Region\***

**Postal Code\***

**Phone Number\***

**Security Check** ⓘ  
  
[Refresh Image](#)  
Please type the characters as shown above

**AWS Customer Agreement**  
☒ Check here to indicate that you have read and agree to the terms of the [AWS Customer Agreement](#)

6. You will be required to enter payment information. **Be sure to read the full offer details and contact Amazon with any additional questions you have. Not entering a credit card will result in you being unable to complete the registration process and thus, unable to access the SAP Fiori instance for the optional exercises.**

After you have read the terms and entered your payment information choose 'Continue'





## Payment Information

Please enter your payment information below. You will be able to try a broad set of AWS products for free via the Free Usage Tier. We will only bill your credit card for usage that is not covered by our Free Usage Tier.

AWS Free Usage Tier	Compute Amazon EC2	Storage Amazon S3	Database Amazon RDS
free for 1 year	750hrs/month*	5GB	750hrs/month*

[\\*View full offer details »](#)

Credit Card Number

Expiration Date

01 ▼

201 ▼

Cardholder's Name

Choose Your Billing Address

Select the address associated with your credit card.

☒ Use my contact address

(101 Fiori Way Newtown Square PA 19073 US)

☐ Use a new address

Continue

- You will be required to provide a telephone number so AWS can verify your identity. Enter the phone number you would like to use and follow the directions



## Identity Verification

You will be called immediately by an automated system and prompted to enter the PIN number provided.

### 1. Provide a telephone number

Please enter your information below and click the "Call Me Now" button.

Country Code

Phone Number

Ext

United States (+1) ▼

Call Me Now

2. Call in progress

3. Identity verification complete

You will be provided with a pin and a phone call will be placed where you are required to enter the provided pin



## Identity Verification

You will be called immediately by an automated system and prompted to enter the PIN number provided.

1. Provide a telephone number ✓

### 2. Call in progress

Please follow the instructions on the telephone and key in the following Personal Identification Number (PIN) on your telephone when prompted.

PIN: 3503

If you have not yet received a call at the number indicated above please wait. This page will automatically update with what you need to do next.

3. Identity verification complete

Upon successful verification choose 'Continue to select your support plan'



## Identity Verification

You will be called immediately by an automated system and prompted to enter the PIN number provided.

1. Provide a telephone number ✓

2. Call in progress ✓

### 3. Identity verification complete

Your identity has been verified successfully

[Continue to select your Support Plan](#)

8. For the purposes of the openSAP Introduction to SAP Fiori UX course you will only need the basic plan. You can feel free to scroll through the page to read details on the different plan options. Choose the 'Basic (Free)' radio button and choose 'Continue'

Contact Information

Payment Information

Identity Verification

Support Plan

Confirmation

## Support Plan

All customers receive free support. Choosing a paid support plan will allow you to receive one-on-one technical assistance from experienced engineers and access many other support features. Please see below.

Please Select One



### Basic (Free)

Contact Customer Service for account and billing questions, receive help for resources that don't pass system health checks, and access the AWS Community Forums.



### Developer (\$49/month)

Get started on AWS - ask technical questions and get a response to your web case within 12 hours during local business hours.



### Business (Starting at \$100/month - [Pricing Example](#)) - Recommended

24/7/365 real-time assistance by phone and chat, a 1 hour response to web cases, and help with 3rd party software. Access Trusted Advisor to increase performance, fault tolerance, security, and potentially save money. [?](#)



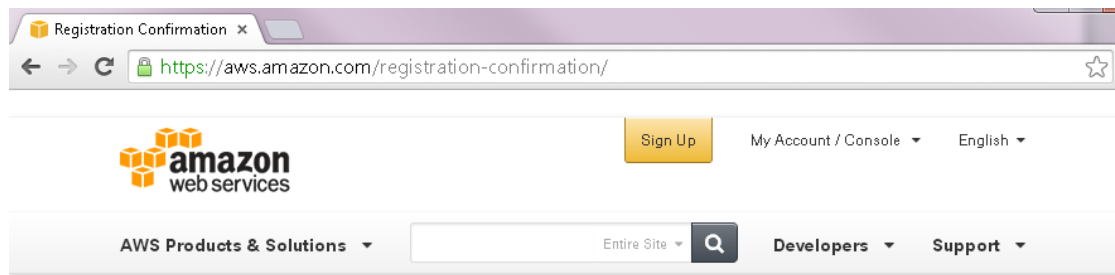
### Enterprise Support

15 minute response to web cases, an assigned technical account manager (TAM) who is an expert in your use case, and white-glove case handling that notifies your TAM and the service engineering team of a critical issue.

*If you select this option, you will not be charged immediately. We will contact you to discuss your needs and finalize the signup.*

Continue

9. Upon successful registration you will be directed to the AWS home page



## Welcome to Amazon Web Services

Thank you for creating an Amazon Web Services (AWS) Account. We are in the process of activating your account. For most customers, activation only takes a couple minutes, but it can sometimes take a few hours if additional account verification is required. We will notify you by email when your account is activated.

[Launch Management Console](#)

[Contact Sales](#)

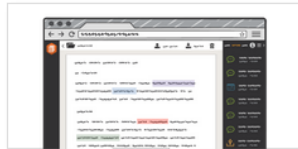
## Recently Announced

### AWS Mobile Services



New services for mobile app developers. Introducing Amazon Cognito and Amazon Mobile Analytics.

### Amazon Zocalo



Fully managed, secure enterprise document storage and sharing service.

### Amazon EC2 T2 Instances



Low cost instances that burst to full-core performance when you need more compute power.

10. In the My Account/Console dropdown choose 'AWS Management Console'

Registration Confirmation x  
<https://aws.amazon.com/registration-confirmation/>

**amazon web services**

Sign Up My Account / Console English

AWS Management Console  
 My Account  
 Billing & Cost Management  
 Security Credentials

AWS Products & Solutions Entire Site Support


## Welcome to Amazon Web Services

Thank you for creating an Amazon Web Services (AWS) Account. We are in the process of activating your account. For most customers, activation only takes a couple minutes, but it can sometimes take a few hours if additional account verification is required. We will notify you by email when your account is activated.

Launch Management Console  
 Contact Sales


## Recently Announced

### AWS Mobile Services




New services for mobile app developers. Introducing Amazon Cognito and Amazon Mobile

### Amazon Zocalo



Fully managed, secure enterprise document storage and sharing service

### Amazon EC2 T2 Instances



Low cost instances that burst to full-core performance when you need more compute power

11. You will be prompted to login again. Enter your login credentials and choose 'Sign in using our secure server'

**amazon web services**

## Sign In or Create an AWS Account

You may sign in using your existing Amazon.com account or you can create a new account by selecting "I am a new user."

My e-mail address is:

☐ I am a new user.

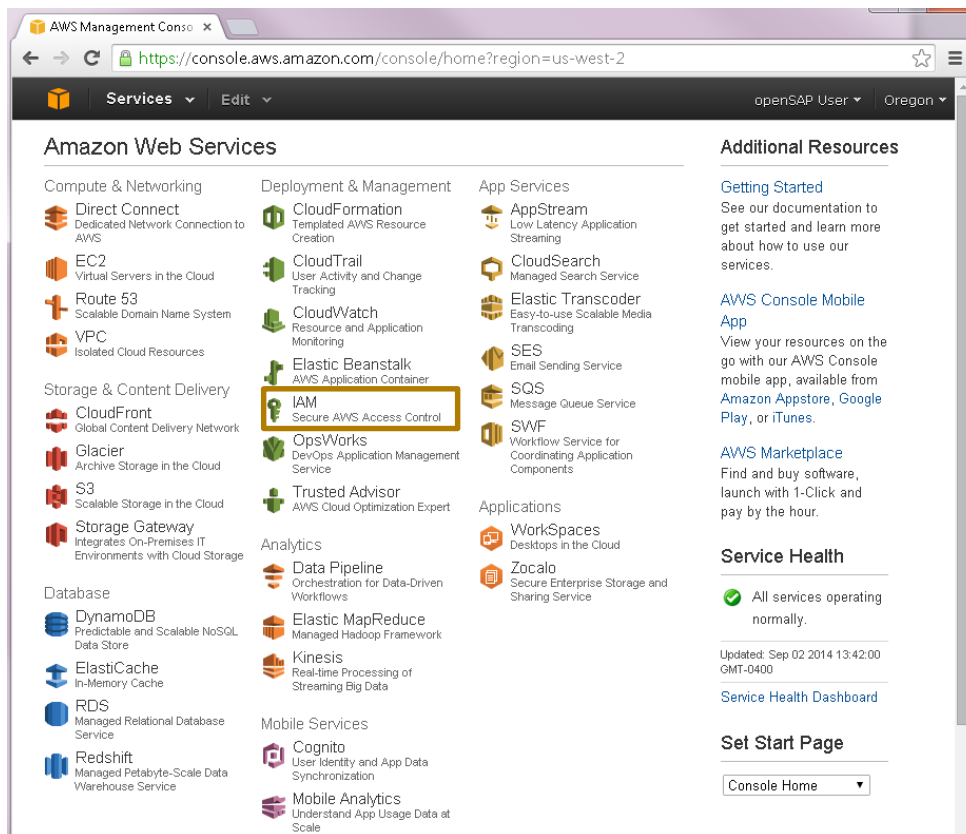
☒ I am a returning user and my password is:

**Sign in using our secure server**

[Forgot your password?](#)

[Has your e-mail address changed?](#)

12. We need to create a key pair in AWS that we will use in CAL to access our instance. On the Services page choose 'IAM' under Deployment & Management

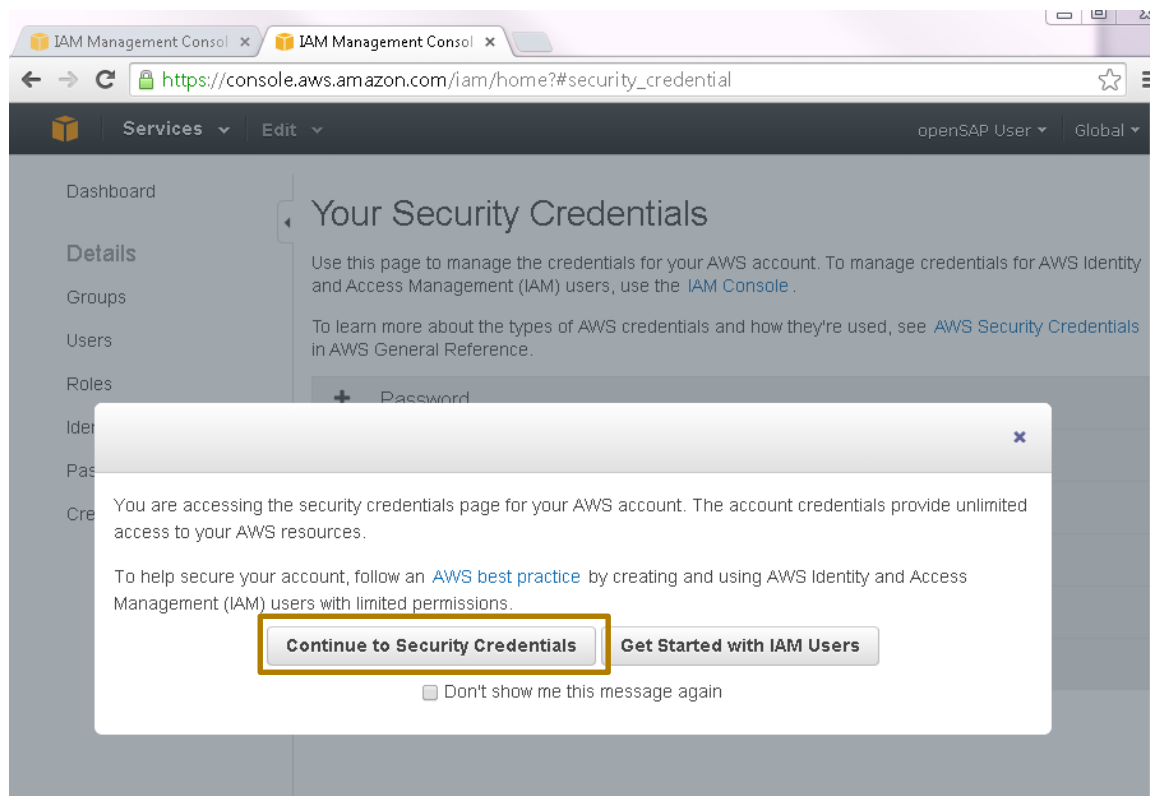


13. Creating a key pair through the standard IAM process is time consuming. In an effort to save time please copy the following URL into your browser.

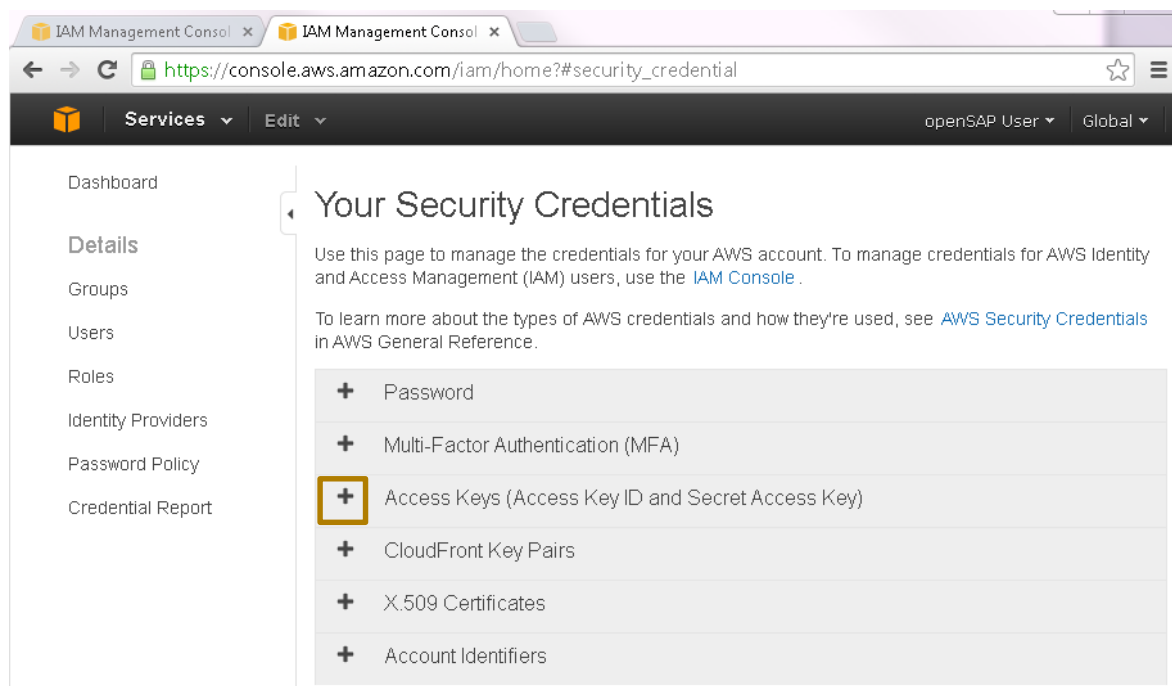
[https://console.aws.amazon.com/iam/home?#security\\_credential](https://console.aws.amazon.com/iam/home?#security_credential)

14. On the pop up message choose 'Continue to Security Credentials'

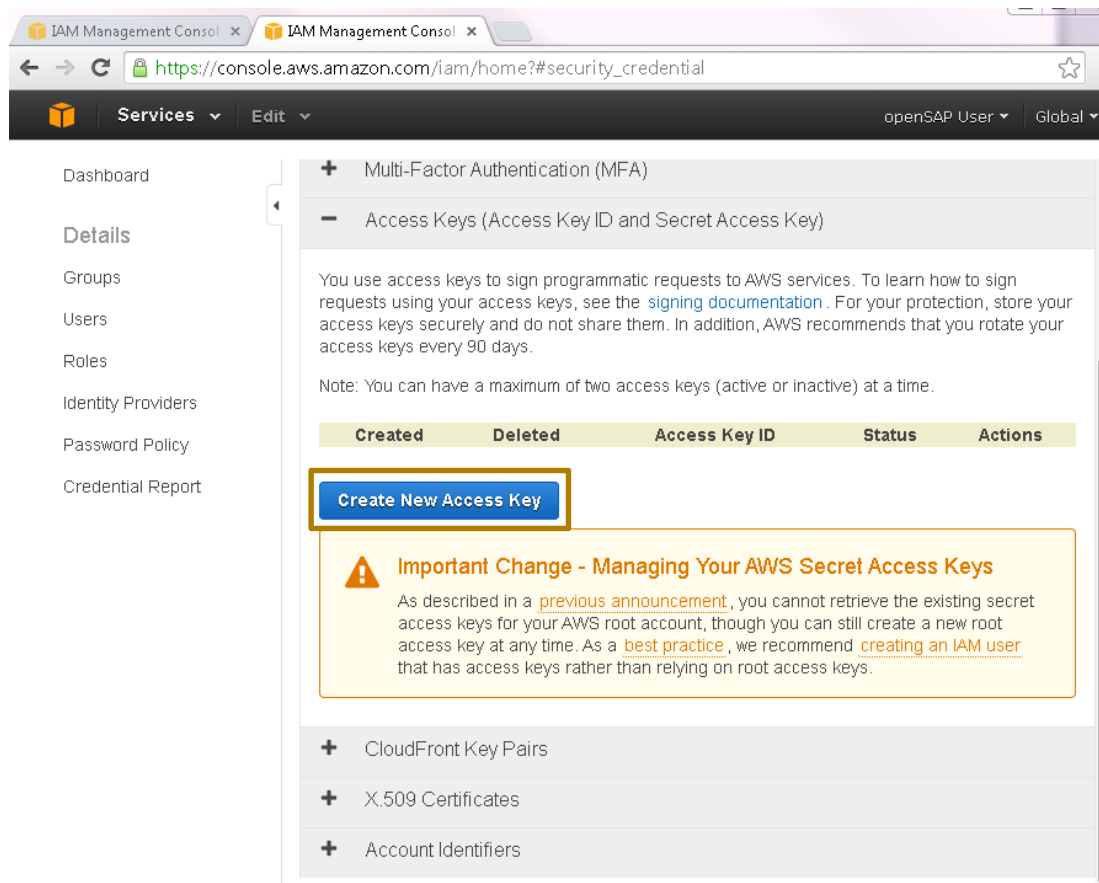




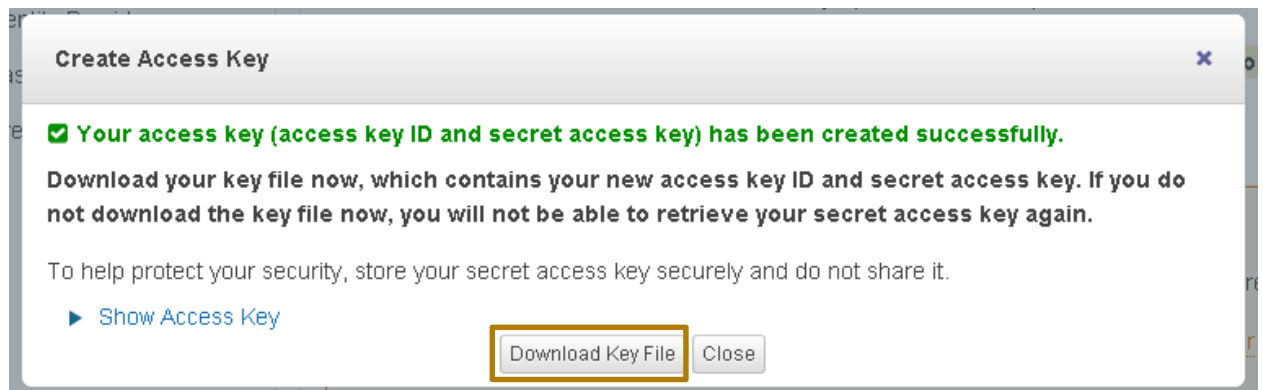
15. Expand the plus sign next to Access Keys (Access Key ID and Secret Access Key)



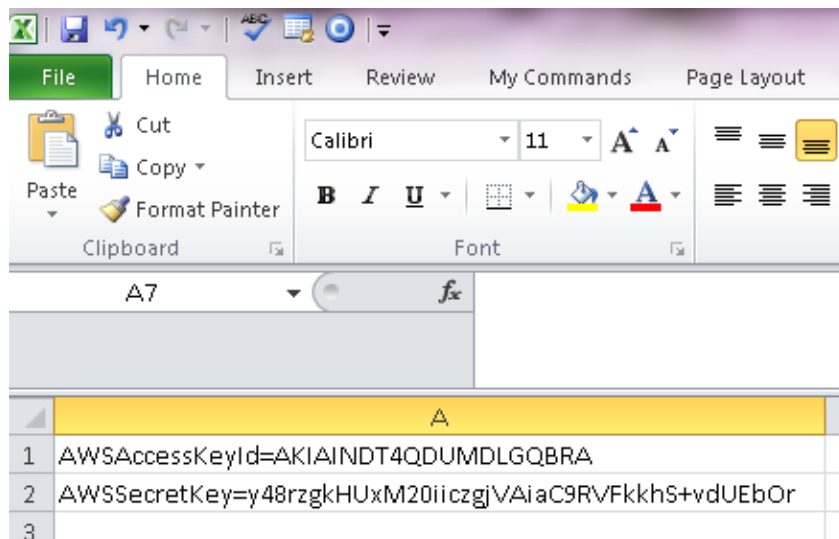
16. Choose the 'Create New Access Key' button



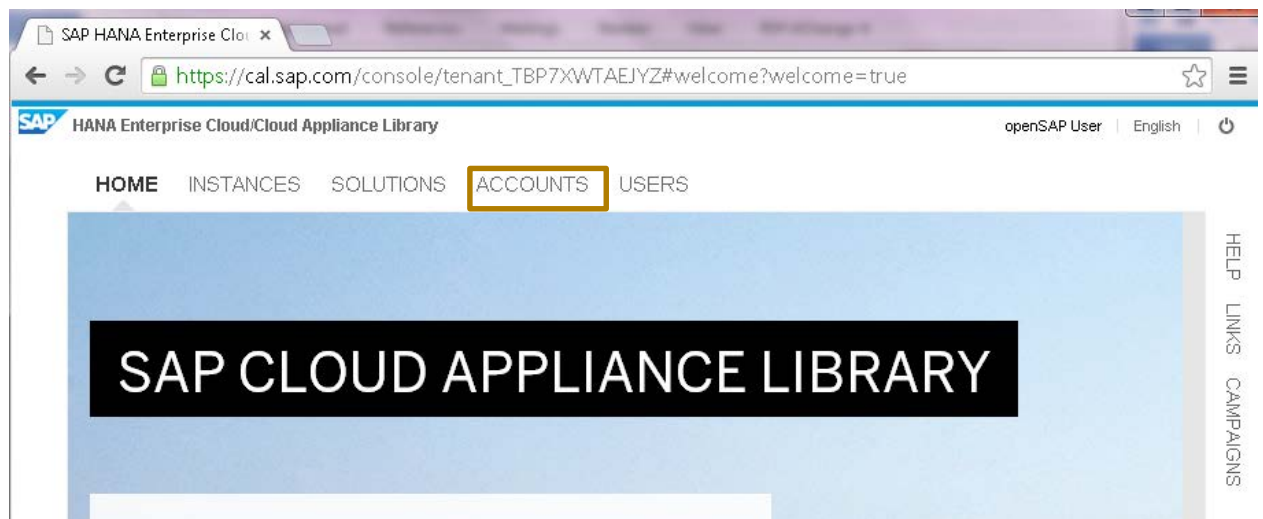
17. You will receive a popup message indicating your key pairs have been created successfully. Choose the 'Download Key File' button.



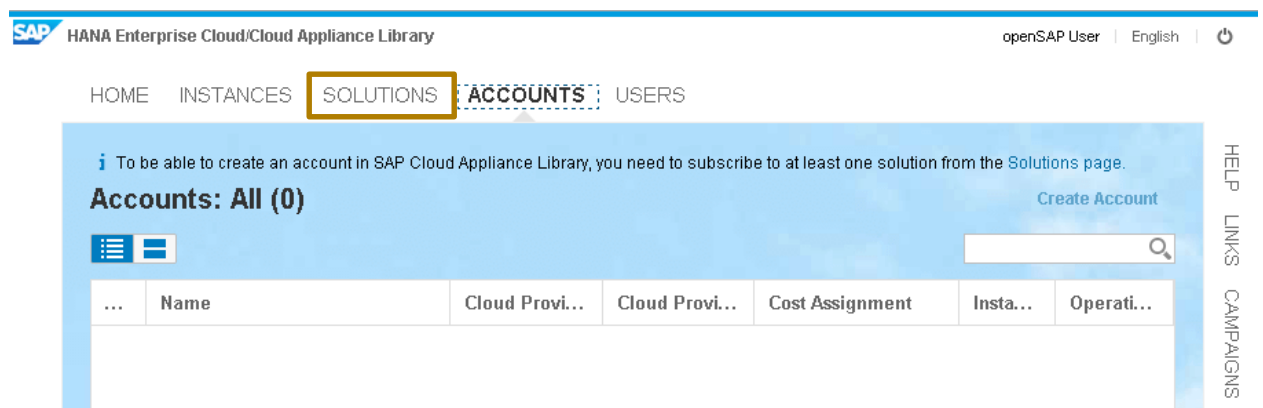
18. Your browser will download a file titled "rootkey.csv" or something similar to that name. Save this file for reference later.



19. Return to CAL and from the home page choose the 'ACCOUNTS tab'



20. If you're not already subscribed to a solution in SAP CAL you will need to do so before you are able to create an account. If you are ready to create an account proceed to step 25. If you're not subscribed choose the 'SOLUTIONS tab'



21. In the View dropdown filter by 'Free Solutions'

SAP HANA Enterprise Cloud/Cloud Appliance Library openSAP User | English | ⚙

HOME INSTANCES **SOLUTIONS** ACCOUNTS USERS

**Solutions: All (43)** Unlock Full Library

View: **All**

Status	Name	Publisher	Activated By	Operations
	IDES E	SAP AG		
	<b>Free</b> L	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> S	SAP AG		<a href="#">Try Now</a>
	SAP Asset Operations and Maintenance rapid-deploy	SAP AG		

HELP LINKS CAMPAIGNS

22. Choose 'Try Now' next to the SAP ERP Foundation Extension powered by SAP HANA – Fully Activated Appliance Landscape Trial

SAP HANA Enterprise Cloud/Cloud Appliance Library openSAP User | English | ⚙

HOME INSTANCES **SOLUTIONS** ACCOUNTS USERS

**Solutions: Filtered (11 of 43)** Unlock Full Library

View: **Free Solutions**

Status	Name	Publisher	Activated By	Operations
	<b>Free</b> Learning Room for Predictive Analytics Content Av	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP Application Server ABAP 7.4 SP5 incl. Busine	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP Best Practices for Insurance - Powered by S/	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP BPM and Operational Process Intelligence o	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP Business Warehouse 7.4 SP5 incl. SAP Bus	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP CRM rapid-deployment solution (V5.703) full	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP ERP Foundation Extension powered by SAP	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP HANA, developer edition 1.0 Rev 72	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP HANA, developer edition 1.0 Rev 80	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP NetWeaver Application Server ABAP 7.4 on S	SAP AG		<a href="#">Try Now</a>
	<b>Free</b> SAP NetWeaver Business Warehouse 7.4 incl. us	SAP AG		<a href="#">Try Now</a>

HELP LINKS CAMPAIGNS

23. Read the Terms and Conditions and choose 'I Accept'

## Terms and Conditions

### SAP ERP Foundation Extension powered by SAP HANA - Fully Activated Appliance Landscape Trial

Read the terms and conditions of the solution. Use the scroll bar or press the Page Down key to see the rest of the agreement and then choose "I Accept".

Scroll down and read this 30-Day Trial License Agreement (this "Agreement") carefully. This is a legally binding Agreement between you (or your employer or company, as applicable) ("Licensee" or "You") and SAP AG having principal offices at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany ("SAP").

By clicking "Accept" or "Agree," You agree to all of the terms and conditions stated in this Agreement. If You do not agree to these terms, do not click "Accept" or "Agree." If You are entering into this Agreement on behalf of your employer or company, You represent and warrant that You have the authority to bind your employer or company to the terms of this Agreement.

The Trial Software is owned by SAP or its suppliers and is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. THE TRIAL SOFTWARE IS LICENSED, NOT SOLD.

The following terms and conditions apply exclusively to your 30-day trial of the Trial Software (as defined below) through the SAP HANA Marketplace and/or SAP Store.

#### 1. Definitions:

"Confidential Information" means, with respect to SAP, all information that SAP protects against unrestricted disclosure to others, including but not limited to: (a) the SAP Materials, including without limitation the following information regarding the Trial Software: (i) computer software (object and source codes), programming techniques and programming concepts, methods of processing, system designs embodied in the Software; (ii) benchmark results, manuals, program listings, data structures, flow charts, logic diagrams, functional specifications, file formats; and (iii) discoveries, inventions, concepts, designs, flow charts, documentation, product specifications, application program interface specifications, techniques and processes relating to the

[Print](#)



24. When you see the green circle filled in next to the solutions name it means you have successfully activated a solution. Choose the 'ACCOUNTS' tab'.

HANA Enterprise Cloud/Cloud Appliance Library

openSAP User | English |

HOME INSTANCES **SOLUTIONS** ACCOUNTS USERS

### Solutions: Filtered (11 of 43)

Unlock Full Library

View: Free Solutions

Status	Name	Publisher	Activated By	Operations
<input type="radio"/>	<b>Free</b> Learning Room for Predictive Analytics Content A	SAP AG		<a href="#">Try Now</a>
<input type="radio"/>	<b>Free</b> SAP Application Server ABAP 7.4 SP5 incl. Busine	SAP AG		<a href="#">Try Now</a>
<input type="radio"/>	<b>Free</b> SAP Best Practices for Insurance - Powered by S/	SAP AG		<a href="#">Try Now</a>
<input type="radio"/>	<b>Free</b> SAP BPM and Operational Process Intelligence o	SAP AG		<a href="#">Try Now</a>
<input type="radio"/>	<b>Free</b> SAP Business Warehouse 7.4 SP5 incl. SAP Bus	SAP AG		<a href="#">Try Now</a>
<input type="radio"/>	<b>Free</b> SAP CRM rapid-deployment solution (V5.703) full	SAP AG		<a href="#">Try Now</a>
<input checked="" type="radio"/>	<b>Free</b> SAP ERP Foundation Extension powered by SAP	SAP AG		<a href="#">Activate</a>
<input type="radio"/>	<b>Free</b> SAP HANA, developer edition 1.0 Rev 72	SAP AG		<a href="#">Try Now</a>
<input type="radio"/>	<b>Free</b> SAP HANA, developer edition 1.0 Rev 80	SAP AG		<a href="#">Try Now</a>
<input type="radio"/>	<b>Free</b> SAP NetWeaver Application Server ABAP 7.4 on S	SAP AG		<a href="#">Try Now</a>
<input type="radio"/>	<b>Free</b> SAP NetWeaver Business Warehouse 7.4 incl. us	SAP AG		<a href="#">Try Now</a>

HELP LINKS CAMPAIGNS

25. Choose 'Create Account'

SAP HANA Enterprise Cloud/Cloud Appliance Library

openSAP User | English

HOME INSTANCES SOLUTIONS **ACCOUNTS** USERS

**i**  
To be able to activate and manage solutions, you have to create an account of SAP Cloud Appliance Library or be assigned to an existing account. For more information, see this [document](#).

**Accounts: All (0)** Create Account

Status	Name	Cloud Pr...	Cloud Pr...	Cost Assignment	Inst...	Operations
--------	------	-------------	-------------	-----------------	---------	------------

HELP LINKS CAMPAIGNS

26. Enter a name for your account. (For example: Name AWS, or Name openSAP) then choose 'Next'

**Create Account**

1 **Define General Properties** 2 Select Cloud Provider 3 Select Account Users 4 Define Cost Forecast 5 Summary

Previous **Next** Finish Cancel

Enter the general properties of the account:

Name: \*

Description:

27. In the Cloud Provider drop down list choose 'Amazon Web Services' then choose 'Next'

## Create Account

Progress bar with 5 steps: 1 Define General Properties, 2 **Select Cloud Provider**, 3 Select Account Users, 4 Define Cost Forecast, 5 Summary.

Buttons: Previous, **Next**, Finish, Cancel.

Specify the details of the cloud provider:

Cloud Provider: \* **Select Cloud Provider** (dropdown menu)

Options in dropdown: Select Cloud Provider, Amazon Web Services (highlighted).

28. In this step you will need to reference the rootkey.csv file we downloaded and saved in step 18. Copy the Access key and paste it into the Access Key field.  
NOTE: Make sure to just copy the key, and not the 'AWSAccessKeyId=' part

Microsoft Excel screenshot showing the formula bar and a dropdown menu.

Formula bar: `AWSAccessKeyId=AKIAINDT4QDUMDLGQBRA`

Dropdown menu options: Cut, Copy (highlighted), Paste Options: Format Cells..., Pick From Drop-down List..., Collapse Formula Bar.

	A	B
1	<code>AWSAccessKeyId=AKIAINDT4QDUMDLGQBRA</code>	
2	<code>AWSSecretKey=y48rzgkHUxM20iiczg\VAiaC9RVFkks+vdUEbOr</code>	
3		
4		
5		
6		

**Create Account**

1 Define General Properties    **2 Select Cloud Provider**    3 Select Account Users    4 Define Cost Forecast    5 Summary

Previous **Next** | Finish Cancel

Specify the details of the cloud provider:

Cloud Provider: \* Amazon Web Services ▼

Access Key: \* AKIAINDT4QDUMDLGQBRA

Secret Key: \*

Cost Assignment:

29. Return to the excel sheet and repeat the same steps for copying and pasting the Secret Key. When you're finished choose 'Next'  
 NOTE: Only copy the key, do not copy the 'AWSecretKeyID='

**Create Account**

1 Define General Properties    **2 Select Cloud Provider**    3 Select Account Users    4 Define Cost Forecast    5 Summary

Previous **Next** | Finish Cancel

Specify the details of the cloud provider:

Cloud Provider: \* Amazon Web Services ▼

Access Key: \* AKIAINDT4QDUMDLGQBRA

Secret Key: \* .....

Cost Assignment:

30. On the users tab you should see your user listed under Account Users. There is nothing additional to do on this step, choose 'Next'



### Create Account

1

2

3

4

5

Define General Properties

Select Cloud Provider

Select Account Users

Define Cost Forecast

Summary

Previous

Next

Finish

Cancel

Select the approved users for SAP Cloud Appliance Library that you either want to assign to or remove from the account:

### Users of SAP Cloud Appliance Library

Add as User

Add as Owner

User ID	Name	E-Mail

No data

### Account Users

Remove User

Set as Owner

Set as User

User ID	Name	E-Mail	Role
P1940856481	openSAP User	opensap.user@gmail.com	Owner

31. Highlight us-east-1 as the region and choose 'Enable'

## Create Account

1

Define General Properties

2

Select Cloud Provider

3

Select Account Users

4

**Define Cost Forecast**

5

Summary

Previous

Next

 | 

Finish

Cancel

This step is optional; if you enable the cost forecast for the regions in the account, users assigned to this account can see the cost forecast calculations for the instances created from this account.

### Disclaimer

*Acknowledge that by enabling and using the cost forecast function, the result of the cost estimation performed by SAP Cloud Appliance Library may differ from what the cloud provider charges. SAP Cloud Appliance Library provides an estimated snapshot of the allocated costs, but cannot be made accountable for this estimate.*

## Regions

Enable

Disable

Get Prices

Region	Enabled
sa-east-1	
ap-northeast-1	
eu-west-1	
us-east-1	
us-west-1	

32. Notice a green check mark indicating the region has been enabled. Scroll down and review the charges associated with the region and when you're finished choose 'Next'

**NOTE: SAP Cloud Appliance Library provides an *estimate* of costs. These costs are not definite and can vary; SAP is not responsible for this.**

**Create Account**

1

2

3

4

5

Define General Properties

Select Cloud Provider

Select Account Users

**Define Cost Forecast**

Summary

Previous

**Next**

Finish

Cancel

This step is optional; if you enable the cost forecast for the regions in the account, users assigned to this account can see the cost forecast calculations for the instances created from this account.

#### Disclaimer

*Acknowledge that by enabling and using the cost forecast function, the result of the cost estimation performed by SAP Cloud Appliance Library may differ from what the cloud provider charges. SAP Cloud Appliance Library provides an estimated snapshot of the allocated costs, but cannot be made accountable for this estimate.*

#### Regions

Region	Enabled
us-east-1	✓
us-west-1	
us-west-2	
ap-southeast-2	
ap-southeast-1	

#### Prices for the region us-east-1

Storage \$: 0.100 per GB  
 Data Transfer Out \$: 0.120 per GB  
 Data Transfer In \$: 0.000 per GB

33. Review the summary and when you're finished choose 'Finish'

## Create Account

Progress bar with 5 steps: 1. Define General Properties, 2. Select Cloud Provider, 3. Select Account Users, 4. Define Cost Forecast, 5. Summary (highlighted).

Buttons: Previous, Next, **Finish** (highlighted), Cancel

Verify the details of the account:

### General Properties

Account Name: **openSAP AWS**

Description:

### Cloud Provider

Cloud Provider: **Amazon Web Services**

Cloud Provider ID: **685259558835**

Access Key: **AKIAINDT4QDUMDLGQBRA**

Cost Assignment:

### Account Users

User ID	Name	E-Mail	Role
P1940856481	openSAP User	opensap.user@gmail.com	Owner

Congratulations you now have an account in SAP CAL

SAP HANA Enterprise Cloud/Cloud Appliance Library

openSAP User | English | ⚙️

HOME INSTANCES SOLUTIONS **ACCOUNTS** USERS

**The account openSAP AWS has been created**

**Accounts: All (1)** [Create Account](#)

Status	Name	Cloud Pr...	Cloud Pr...	Cost Assignment	Inst...	Operations
✓	openSAP AWS	Amazon W...	68525955...	N/A	0	<a href="#">Edit</a> <a href="#">Delete</a>

HELP LINKS CAMPAIGNS

## CREATING THE OPENSAP INSTANCE

1. In the Solutions tab find the instance named 'Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX". On the right hand side in the Operations column choose 'Try Now'.

SAP HANA Enterprise Cloud/Cloud Appliance Library

Elizabeth Thorburn | En

HOME INSTANCES **SOLUTIONS** ACCOUNTS USERS

**Solutions: All (41)**

View: All

Status	Name	Publisher	Activated By	Operations
Free	Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX"	SAP AG	Elizabeth Thorburn (P1940790992)	<b>Try Now</b>

- Read the terms and agreement, scroll down and choose 'I Accept'

SAP Cloud Appliance Library

**Terms and Conditions**

**Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX"**

Read the terms and conditions of the solution. Use the scroll bar or press the Page Down key to see the rest of the agreement and then choose "I Accept".

LICENSE AGREEMENT (openSAP)

Please scroll down and read the following License Agreement for Learning Room by openSAP (hereinafter referred to as "License Agreement") carefully. By clicking "I Accept" or by attempting to access or use the SAP Software and the SAP Cloud Appliance Library, You agree that this License Agreement forms a legally binding agreement between You ("You" or "Your") and SAP SE, for and on behalf of itself and its subsidiaries and affiliates (as defined in Section 15 of the German Stock Corporation Act ("SAP") and You agree to be bound by all of the terms and conditions stated in this License Agreement. If You are trying to access the SAP Software or SAP Cloud Appliance Library on behalf of Your employer or as a consultant or agent of a third party (either "Your Company"), You represent and warrant that You have the authority to act on behalf of and bind Your Company to the terms of this License Agreement and everywhere in this License Agreement that refers to "You" or "Your" shall also include Your Company. If You do not agree to these terms, do not click "I Accept", and do not attempt to access or use the SAP Software.

1. DEFINITIONS:

"SAP Software" shall mean the SAP proprietary software, Tools, and other SAP and third party software products and components which are made available to You under this License Agreement and to which You are given access as a virtual appliance within the SAP Cloud Appliance Library (SAP CAL).

"SAP Cloud Appliance Library" or "SAP CAL" shall mean the library of SAP cloud-based virtual appliances and the web-based management console made available via Learning Room by openSAP on which the SAP Software can be accessed by You through a WSA.

"Tools" are the APIs, data integration connectors, and other developer software which are made available to You by SAP with the SAP Software.

"Web Services Account" or "WSA" shall mean a cloud based account You maintain on Amazon Web Services which hosts the SAP Software you access and use under this License Agreement.

**I Accept** Decline

- You will see a Green circle in the Status column and an option to Activate in the Operations Column  
Choose 'Activate'

SAP HANA Enterprise Cloud/Cloud Appliance Library

Elizabeth Thorburn | English

HOME INSTANCES **SOLUTIONS** ACCOUNTS USERS

**Solutions: All (41)**

View: All

St...	Name	Publisher	Activated By	Operations
Free	Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX"	SAP AG	Elizabeth Thorburn (P1...	<b>Activate</b>

- Enter a name for your instance (ex: openSAP Fiori UX). Keep all other default fields the same then choose 'Next'. Make sure you select the Public Network radio button next to Access From:

**Create Instance (from the solution: Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX")**

1 Define General Properties 2 Configure Virtual Machine 3 Set Solution Password 4 Configure Schedule 5 Define Cost Forecast 6 Summary

Previous **Next** Finish Cancel

Enter the general properties of the solution instance:

Name: \* openSAP Fiori UX

Description:

Account: \* openSAP (Amazon)

Region: \* us-east-1

Access From: ☒ Public Network ☐ Corporate Network ☒ Static IP Address

**i** You will be charged while the instance is suspended

- Make sure the virtual machine size is set to 'High-Memory Eight Extra Large (r3.8xlarge)', this should be the default. If it is not change it using the drop down list. When you're finished choose 'Next'

Create Instance (from the solution: Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX")

#### Virtual Machine Sizes

SAP Server: \* **High-Memory Eight Extra Large (r3.8xlarge)** ▼

SAP Frontend: \* Small (m1.small) ▼

#### Volume Type

☒ Standard ☐ Provisioned IOPS

#### Access Points

[Add](#) [Edit](#) [Enable](#) [Disable](#) [Delete](#)

Virtual Machine	Service	Port	IP Range	Type	Enabled
SAP Server	SSH	22	0.0.0.0/0	Default	✓
SAP Server	HTTP	50000	0.0.0.0/0	Default	✓
SAP Server	HTTPS	44300	0.0.0.0/0	Default	✓

- Enter a password. If you want to use your own password then read the requirements and enter one of your choosing otherwise enter Fiori2014 and choose 'Next'

Create Instance (from the solution: Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX")

Set the master password for the solution from which you want to create an instance. Using the master password, you can connect to the solution.

#### Password Requirements

- The password must contain at least one lowercase letter
- The password must contain at least one uppercase letter
- The password must be exactly eight or nine characters long
- The password must contain at least one digit
- The valid characters are: A-Z, a-z, 0-9, \$, #, \_
- The first character has to be one of the following: A-Z, a-z, \$, #
- The first three characters cannot be one and the same

Virtual Machine(s): **SAP Server, SAP Frontend**

Password: \*

Retype Password: \*

- In Scheduling options use the drop down list and choose 'Manually Activate and Suspend' then choose 'Next'

Create Instance (from the solution: Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX")

1 Define General Properties   2 Configure Virtual Machine   3 Set Solution Password   **4 Configure Schedule**   5 Define Cost Forecast   6 Summary

Previous   **Next**   Finish   Cancel

Define the schedule of the solution instance, when to suspend it, or when to terminate it:

Scheduling Options: Manually activate and suspend

☐ Set the termination date of the solution instance

8. On the Define Cost Forecast screen read all information and understand that charges will be incurred in order to complete the exercises. This charge is from Amazon and although SAP provides an estimate of the projected costs this number may vary and SAP is not responsible. If you agree choose 'Next'

Create Instance (from the solution: Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX")

1 Define General Properties   2 Configure Virtual Machine   3 Set Solution Password   4 Configure Schedule   **5 Define Cost Forecast**   6 Summary

Previous   **Next**   Finish   Cancel

This step is optional. If you enter the data transfer for the solution instance, you can see a more precise calculation of the instance cost forecast.

**Disclaimer:**

Acknowledge that by enabling and using the cost forecast function, the result of the cost estimation performed by SAP Cloud Appliance Library may differ from what the cloud provider charges. SAP Cloud Appliance Library provides an estimated snapshot of the allocated costs, but cannot be made accountable for this estimate.

◆ Ensure that you are familiar with the pricing offerings of your cloud provider.

Data Transfer In (GB per Day): \*

Data Transfer Out (GB per Day): \*

**Cost Forecast**

Hourly: **\$3.09**

Weekly: **\$519.05**



**Note: For a 6 week course with the estimated cost projection you could incur costs upwards of \$3,114.30 (519 x 6 = 3114))**

9. Review the summary and then choose 'Finish'

Create Instance (from the solution: Demo appliance landscape for the openSAP course "Introduction to SAP Fiori UX")

1 Define General Properties 2 Configure Virtual Machine 3 Set Solution Password 4 Configure Schedule 5 Define Cost Forecast 6 Summary

Previous Next **Finish** Cancel

Verify the details of the solution instance:

### General Properties

Name: **openSAP Fiori UX**  
Description:  
Account: **openSAP (Amazon)**  
Region: **us-east-1**  
Access From: **Public Network**  
Static IP Address: **Yes**

### Virtual Machine(s)

Volume Type: **Standard**  
SAP Server: **High-Memory Eight Extra Large (r3.8xlarge)**  
SAP Frontend: **Small (m1.small)**

### Schedule

No schedule configurations for the instance; you have to suspend or terminated it manually.

### Cost Forecast

Hourly: **\$3.09**  
Weekly: **\$519.05**

10. In the Private Key Popup choose 'Store'

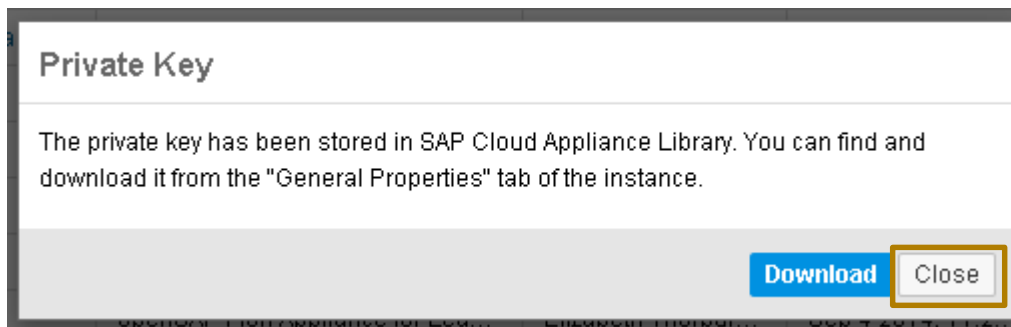
**Private Key**

Private key for accessing solution instances has been generated.  
To keep the private key for later use, download and save it locally as a privacy enhanced mail file (.PEM file extension) or store it in SAP Cloud Appliance Library. If you do not do this, you will lose the data.

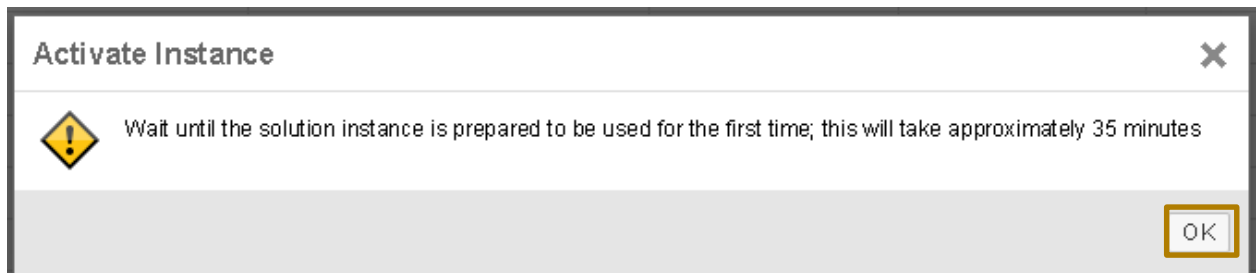
**Store** Download Close

11. In the Private Key popup choose 'Close'





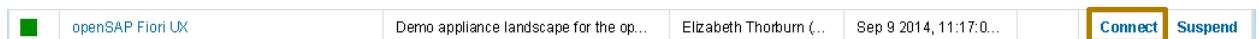
12. The instance takes some time to activate; you will receive a popup with an approximation, choose OK and wait.



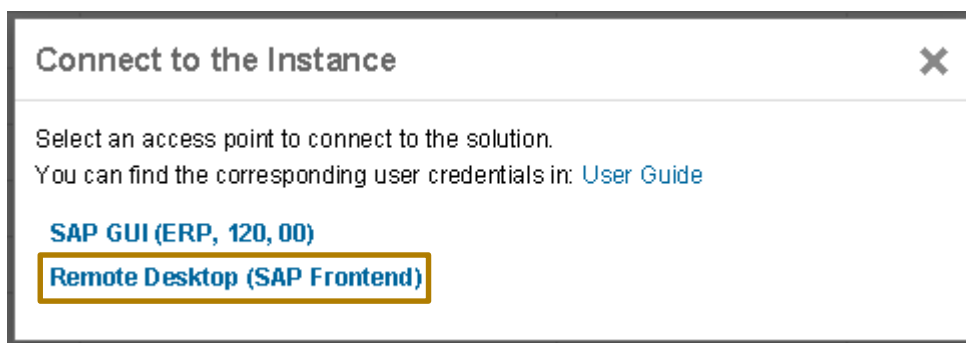
While the instance is activating you will see a small clock on the green status box . When it is full activated you will see just a plain green box .

**NOTE – While the desktop instance comes up within the stipulated 20 minutes, it may take the backend instance additional time. Please wait at least 45 min from the time you press OK. Even though the status box is fully green.**

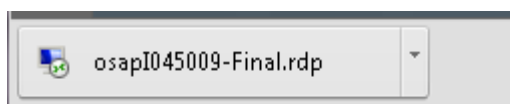
13. When your instance is ready choose 'Connect' in the Operations field.



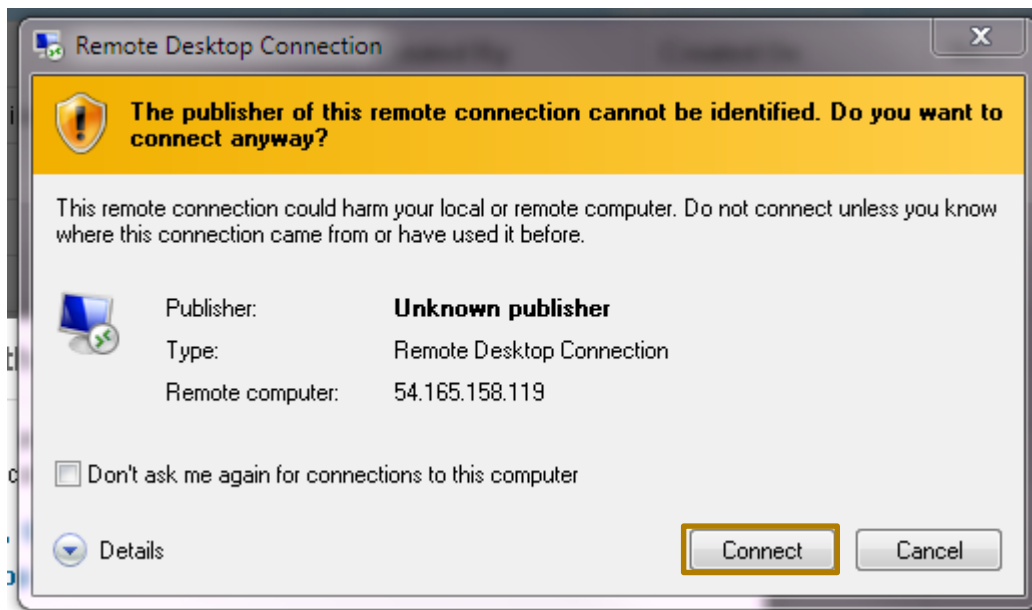
14. You will be presented with a popup asking you to choose an access point: either SAP GUI or Remote Desktop for the frontend. Choose 'Remote Desktop (SAP Frontend)'.



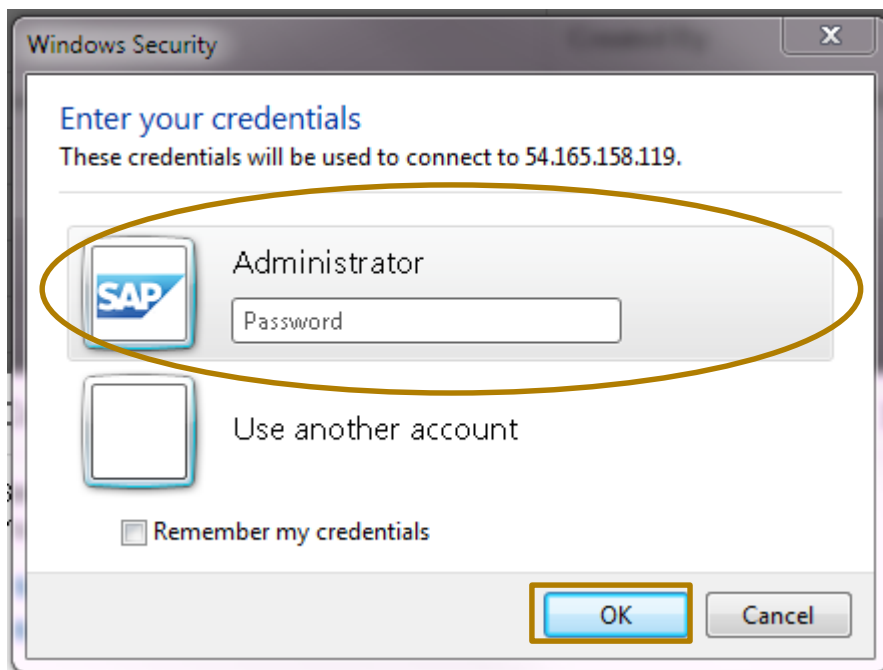
15. The remote desktop will download, open the remote desktop.  
**Note:** If you are an internal SAP employee choosing to do these exercises through AWS/CAL you will need to log off the SAP Corporate network.



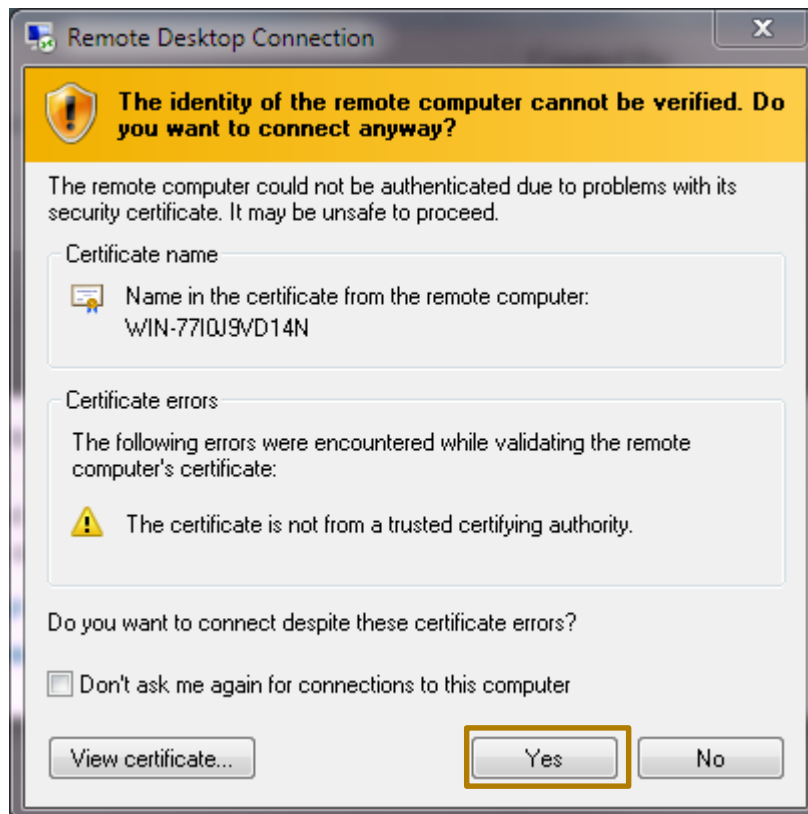
16. You can expect to see the following popup message, if you do choose 'Connect'.



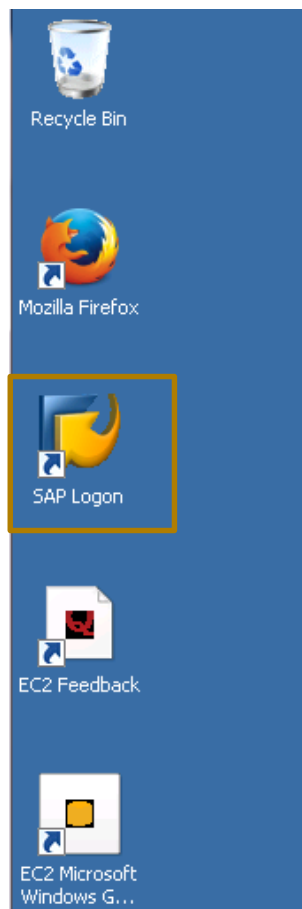
17. Login with the following login credentials:  
User: Administrator  
Password: **YOUR MASTER PASSWORD THAT YOU SET IN STEP 4 (or 'Fiori2014' if you used this)**  
When you are finished choose 'OK'



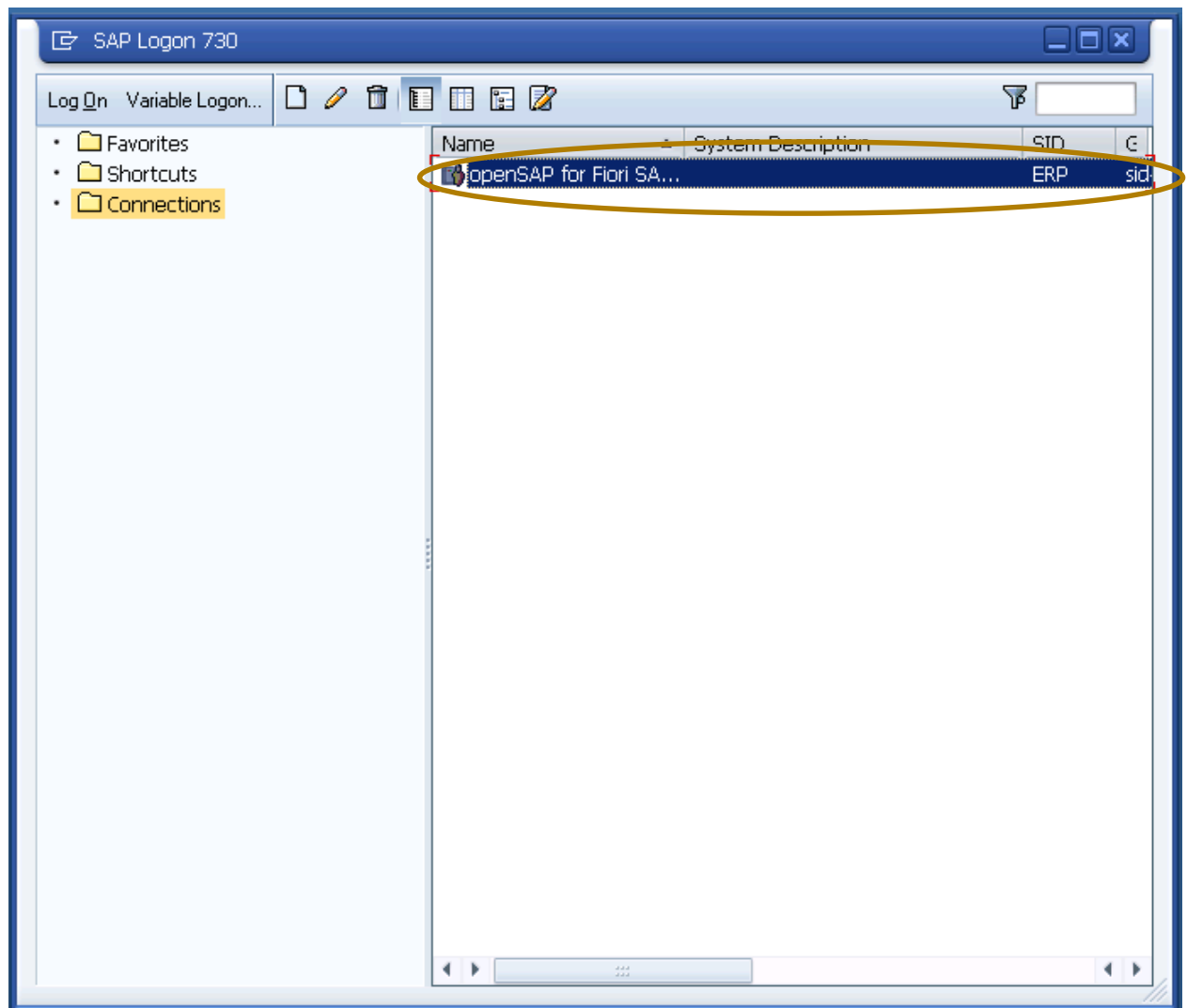
18. You will receive the following popup message, choose 'Yes'



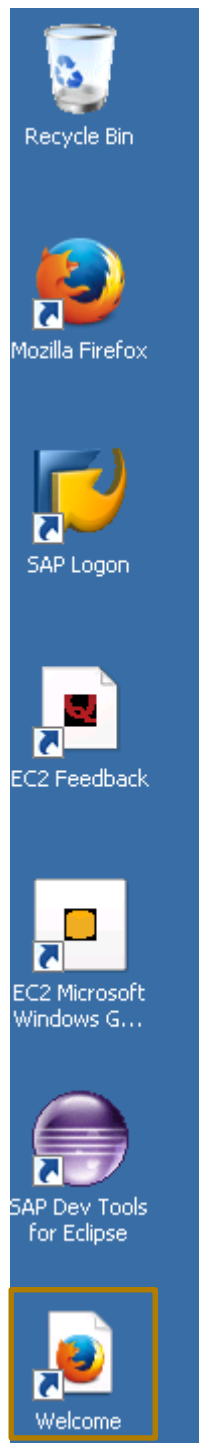
19. In your remote desktop session double click the SAP Logon icon, located on the left side of the desktop

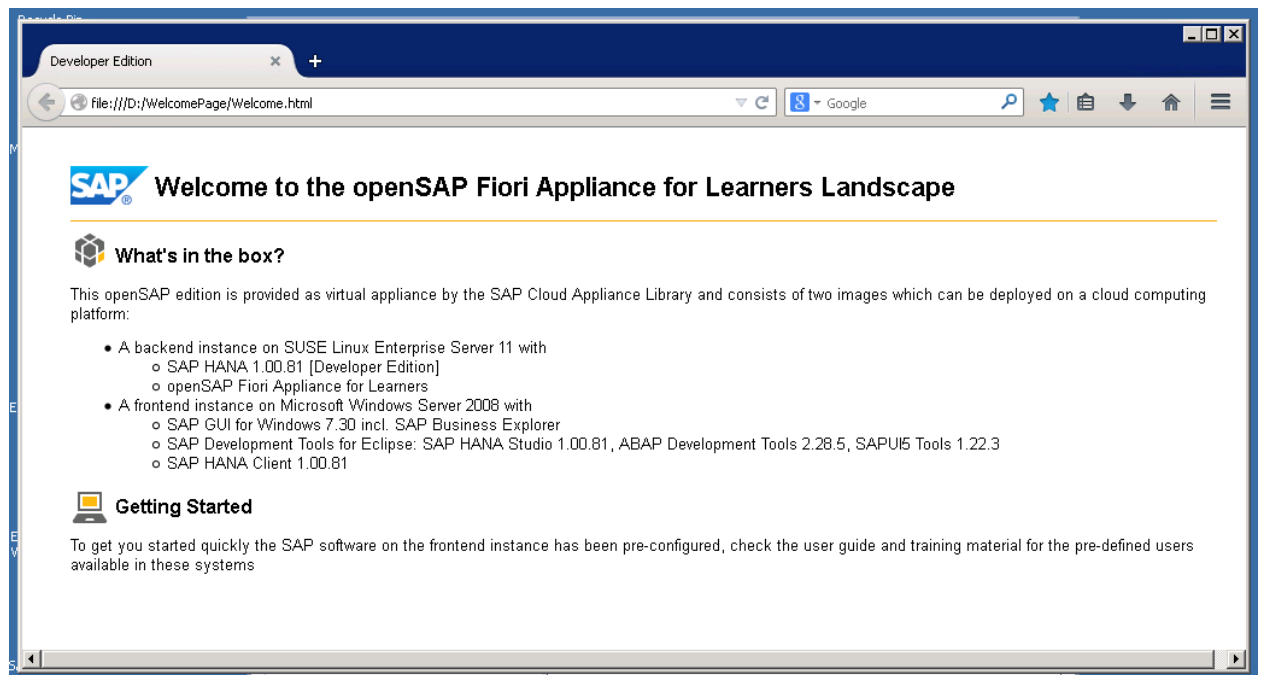


20. You should see a system titled 'openSAP for Fiori SAP System'. There is nothing to do at this step except to confirm the system is visible.



21. Choose the 'Welcome' icon on your desktop to read about what is in the openSAP Fiori Appliance





Congratulations! You have successfully created and logged into the openSAP instance. You may now proceed to the Week 1 Exercise Part 2.



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