

EMP

Event Engine instructions

Abstract

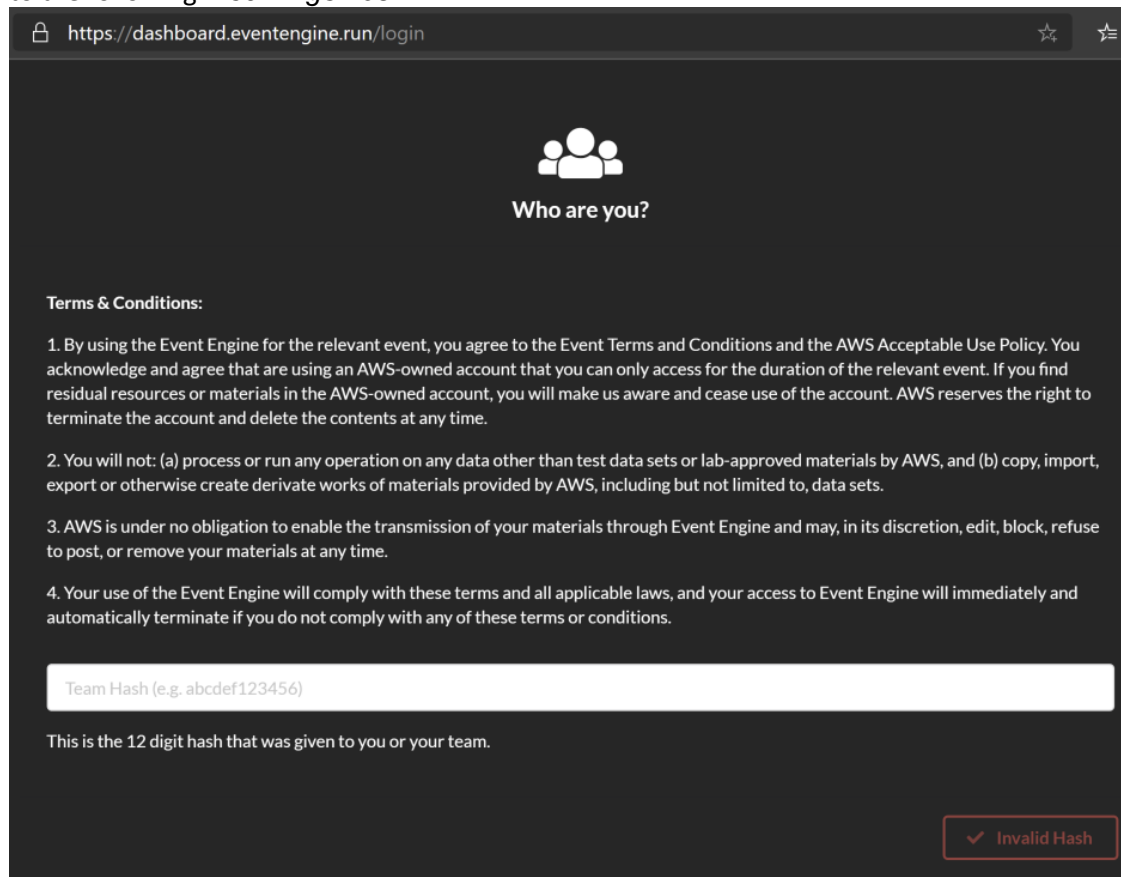
The End of Support Migration Program (EMP) for Windows Server consists of four labs. This guide explains how to use Event Engine to provision the lab infrastructure.

Prepare the lab infrastructure

As you are using accounts provided by AWS for these labs you will need to access our Event Engine in order to connect to the AWS console and complete the steps for each lab.

Follow the steps below to deploy the infrastructure required for all four EMP labs:


1. **Connect** to the Event Engine dashboard
<https://dashboard.eventengine.run/login>
2. **Enter** the 12-digit **Team hash** that has been provided to you, as an example, the hash will look similar to the following: *469472g3f208*




The screenshot shows a web browser window with the URL <https://dashboard.eventengine.run/login>. The page has a dark background and features a white icon of three people. Below the icon, the text "Who are you?" is displayed. A section titled "Terms & Conditions:" follows, containing four numbered paragraphs of text. Below the terms, there is a white input field with the placeholder text "Team Hash (e.g. abcdef123456)". Underneath the input field, a line of text states: "This is the 12 digit hash that was given to you or your team." In the bottom right corner, there is a red-bordered button with a checkmark icon and the text "Invalid Hash".

3. Click the button **Accept Terms & Login**

4. Click on **SSH Key**


 AWS Console

 SSH Key

Event: EMP Dry Run
Team Name: (Team Name Not Set Yet)


Event ID: 0712eb3ec8b8475db5fdb323bde41d3
Team ID: 3f6b1e4095e549a785a8d27e3b675e2d


5. Click on **Download Key**


 <https://dashboard.eventengine.run/dashboard>

SSH Key

Key Name: ee-default-keypair

 Download Key

Key Fingerprint 
e3:b0:47:e6:42:c0:cd:10:d2:e5:ad:45:31:06:03:c7:5e:f9:d2:c0

Key Material 
-----BEGIN RSA PRIVATE KEY-----
MIIEoAIBAAKCAQEAgQcvLZk/33xmiRJxnYqh7su3/6q2f68ivKURZrhxJfo/dugrY+6rddlkaDh4

PLEASE NOTE: The PEM file is automatically downloaded to the Downloads folder on your local machine. You will need this file to deploy the lab Cloud Formation template and to subsequently connect to the lab instances via RDP. The file name is ee-default-keypair.

6. Click on **AWS Console**

7. Next click **Open AWS Console**

8. You are now logged onto the **AWS Console**

9. Change the **Region** to **London (EU-WEST-2)** (The lab AMIs are stored in this region)

10. Next, in the **Services** menu select **CloudFormation** and make a note of the stack name

CloudFormation > Stacks


Stacks (1)

Filter by stack name

Active View nested

Stack name	Status	Created time	Description
mod-46cbfda1960143b9	CREATE_COMPLETE	2020-05-25 14:01:01 UTC-0500	This template creates a VPC, Subnets, and an EC2 dev instance

11. Deploy the lab CloudFormation template

Click on  or copy and paste the following url on a new tab of your web browser
https://console.aws.amazon.com/cloudformation/home?region=eu-west-2#/stacks/create/review?templateURL=https://s3.amazonaws.com/cf-templates-luisfelipe/ee_empcf.yml&stackName=EMPTTraining

15. Enter the **NetworkStackName** that you noted on the step 10 and select the **ee-default-keypair** key you downloaded earlier

Stack name

Stack name

EMPTTraining

Stack name can include letters (A-Z and a-z), numbers (0-9), and dashes (-).

Parameters

Parameters are defined in your template and allow you to input custom values when you create or update a stack.

TagName

Tag Id for resources, so as to accumulate all resources generated by this cloud formation

WorkshopId

TagValue

Tag Value for resources, so as to accumulate all resources generated by this cloud formation

EMP

NetworkStackName

Name of an active CloudFormation stack that contains the networking resources, such as the subnet and security group, that will be used in this stack.

mod-46cbfda1960143b9 Enter the noted Stack name

KeyName

Name of an existing EC2 KeyPair to enable SSH access to the instance

ee-default-keypair Select the Key Pair downloaded

Cancel Create change set Create stack

18. Click **Create stack**

The stack will take several minutes to deploy. You can check progress by clicking the refresh button. Confirm the lab infrastructure has been deployed successfully. You should see 11 EC2 instances deployed.

<input type="checkbox"/>	Name	Instance ID	Instance Type	Availability Zone	Instance State
<input type="checkbox"/>	Lab1-EMP-WS2003R2x86-Packager-v1.0.1	i-0b16f57a305e2a948	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab1-EMP-WS2019-TargetMachine	i-0ebc9853f7778e760	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab2-EMP-WS2003R2x86-Packager-v1.0.1	i-0e65097dc7410af56	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab2-EMP-WS2003R2x86-SQL2000-v1.0.1	i-0c35760ea17795432	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab2-EMP-WS2019-TargetMachine	i-0877657f1f56c6dc19	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab3-EMP-WS2003R2x86-Packager-v1.0.1	i-0ab786012e691c01d	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab3-EMP-WS2003R2x86-Troubleshooting-CustQ	i-0fb822b36d707a636	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab3-EMP-WS2019-Troubleshooting-CustQ	i-078826562dedfa784	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab4-EMP-WS2008R2-Packager-v1.0.1(1)	i-06372e548e9faaab9	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab4-EMP-WS2008R2-Packager-v1.0.1(2)	i-0d4aa0bc5db963c7a	t2.medium	eu-west-2a	running
<input type="checkbox"/>	Lab4-EMP-WS2019-TargetMachine	i-06833b59c390b1ac4	t2.medium	eu-west-2a	running