

IBM License Metric Tool on VMware Cloud on AWS

VMware Integrations



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Introduction

We are happy to announce that VMware Cloud on AWS has been added to the list of IBM Eligible Public Clouds (EPC) allowing customers to use the IBM Eligible Public Cloud Bring Your Own Software License (BYOSL) policy to flexibly manage licensing of IBM products on VMware Cloud on AWS. This is the result of joint engineering work between VMware and IBM.

In this document we define the technical prerequisites to deploy and license VMware Cloud on AWS SDDC with IBM License Metric Tool (ILMT).



Procedure

The following technical steps are required to successfully setup the ILMT tool:

- 1. Prepare, deploy, and configure your VMware Cloud on AWS SDDC.
- 2. Prepare a segment within the default Compute Gateway (CGW), configure the segment as routed. You can use custom CGWs if needed. The procedure below assumes that you are using default CGW.
- 3. Define the ILMT deployment type and location of the "VM Manager Tool".
- 4. Deploy a VM with a supported operating system (OS) for ILMT VM Manager Tool. Use a static IP address.
- 5. Define the ILMT deployment type and location of the VM Manager Tool
- 6. Enable network access from the VM hosting the VM Manager Tool to the vCenter Server managing your VMware Cloud on AWS SDDC. You need to perform these steps on the Management Gateway. The following steps apply:

	a. Acces	ss the	NSX Man	nager UI fro	om the	Cloud S	Service Por	tal (CSP)		
									Ĺ	2
< Back										_
	DC-01 VMC on AWS	SDDC 🦁 US W	Vest (Oregon)						OPEN NSX MANAGER	
ummary	Networking & Security	Add Ons	Maintenance	Troubleshooting	Settings	Support				

b. Navigate to the Security Tab, select Gateway Firewall on the left side and open Management Gateway

Overview Networking	Security Inventory Plan & Troubleshoot System
	Gateway Firewall
East West Security	Management Gateway Compute Gateway
🧮 Distributed Firewall	
Distributed IDS/IPS	+ ADD RULE ☐ CLONE
North South Security	D Name ID
🧱 Gateway Firewall	ILMT-to-vCenter 3052

- c. Create a rule to allow the network traffic flow between the VM hosting the VM Manager Tool and the vCenter Server:

 i. Define a rule Name
 - ii. Specify the Source. Create a User-defined Group. Specify the IP of the VM hosting the VM Manager Tool.

Set Source					
Rule > IBM ILMT VM	1 to vCenter				
Select 📀 Any	System Defined groups	O User Defined Groups			
ADD GROUP					
	Name	Compute Members		Status	
	ILMT VM				
	Description ILMT VM		Tags	Scope Scope	•
	SAVE CANCEL				



- iii. Select Destination. Use System Defined groups and search for vCenter
- iv. Specify Services from the drop-down list. Select HTTPS (443).
- v. Leave Action set to Allow
- vi. **Publish** the newly created rule

Gateway	Firewall								
Management Gateway Compute Gateway									
						1 Total Unpublished Change	REVERT		
+ ADD RULE			1 Unpublished Change		Gateway Firewall Status 🕚	Success C Filter by Name			
	E CLONE		1 Unpublished Change Sources	Destinations	Gateway Firewall Status 🥚	Success C Filter by Name			

d. Verify that you can access the vCenter Server from the VM hosting the VM Manager Tool. Use the vCenter FQDN which can be found on the Settings tab in the Cloud Service Console.

Note: if the Resolution Address of your vCenter FQDN is set to public you may have to create a local entry in the DNS hosts file on the VM hosting the VM Manager Tool. Use the vCenter FQDN and the Private IP specified on the Settings tab when creating the entry.

Summary Networking & Security Add Or	s Maintenance	Troubleshooting	Settings	Support			
SDDC							
> Management Appliances (Medium)						?
vCenter Information							
> Default vCenter User Account Cloudad	nin@vmc.local						?
> vSphere Client (HTML5)	enter.sddc-44-232-220-1-	44.vmwarevmc.com/ui					?
> vCenter Server API Explorer (https://vcenter.sddc-44-232-220-144 vmwarevmc.com/apiexplorer/							
> PowerCLI Connect Connect-WServer -Server vcenter sddc 44-232-220-144 vmwarevmc.com -Protocol https -User cloudadmin@vmc.local -Password vcpassword>							
∽vCenter FQDN							?
vCenter FQDN https://vcenter.sddc-44-232-220-144.vmv	arevmc.com/	Resolution Public IP		144 resolvable from internet	Public IP 44.232.220.144	Private IP 10.129.224.4	EDIT

- 7. Configure and install the ILMT software and the VM Manager tool.
- Login to the VM Manager Tool and configure a "VM Manager connection". Use the default cloudadmin@vmc.local user as the credentials to establish a connection to the vCenter Server. You can find the credentials on the Settings tab in your SDDC.

Note: if you configured Hybrid Linked Mode, it is possible to assign a custom user from your SSO domain for VM Manager.

9. Continue with the ILMT discovery process by installing the ILMT scanners on the VMs to be scanned, running scans and collecting the scan results.

You can now start deploying IBM software and/or migrate VMs from on-premises to VMware Cloud on AWS with IBM software using the IBM BYOSL Policy.



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Additional Resources

For more information about VMware Cloud on AWS and ILMT, please refer to the following resources:

VMware Cloud on AWS: TechZone

IBM License Metric Tool

IBM Eligible Public Cloud Bring Your Own Software License (BYOSL) policy





