



Almadar Cloud Portal User Guide

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Almadar Aljadid

Address: City sport Gurji

Website: <https://www.almadar.ly>

Email: cloudsupport@almadar.ly

Phone: 0919190544

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16-June-2021	1.0	Mohamed Swaih	Initial Release	Emhmed Mselkhi
07-Mar-2022	1.1	Mohamed Swaih	Updated Release to reflect NSX-T changes	Emhmed Mselkhi

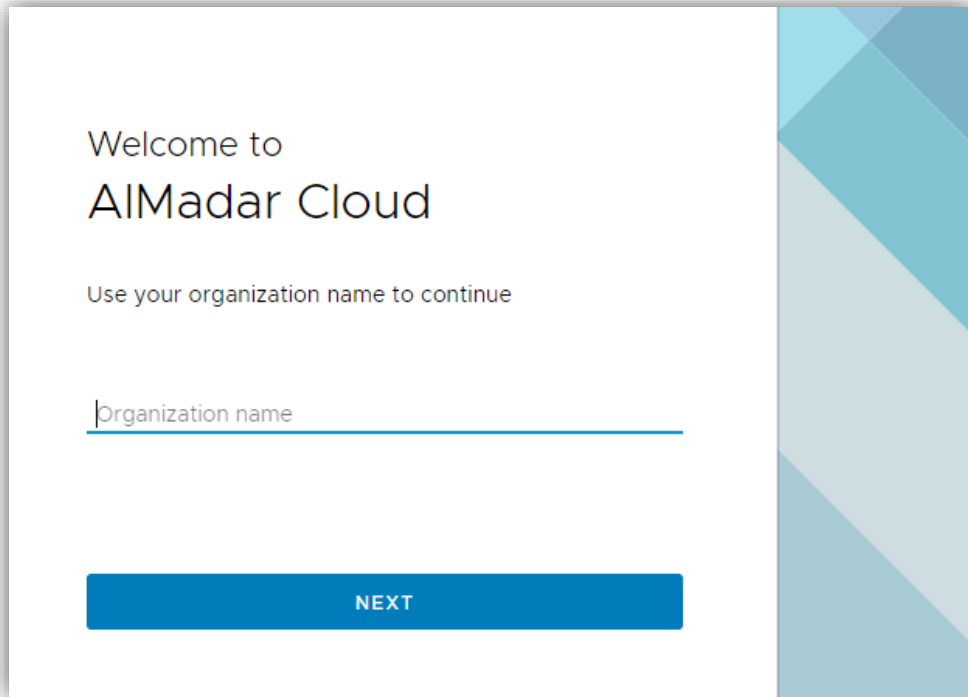
Introduction:

This document is a guide on how to activate a windows server.

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! Bookmark not defined.	
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1. Access to Almadar Cloud Portal with the login details that been provided by Almadar Team.

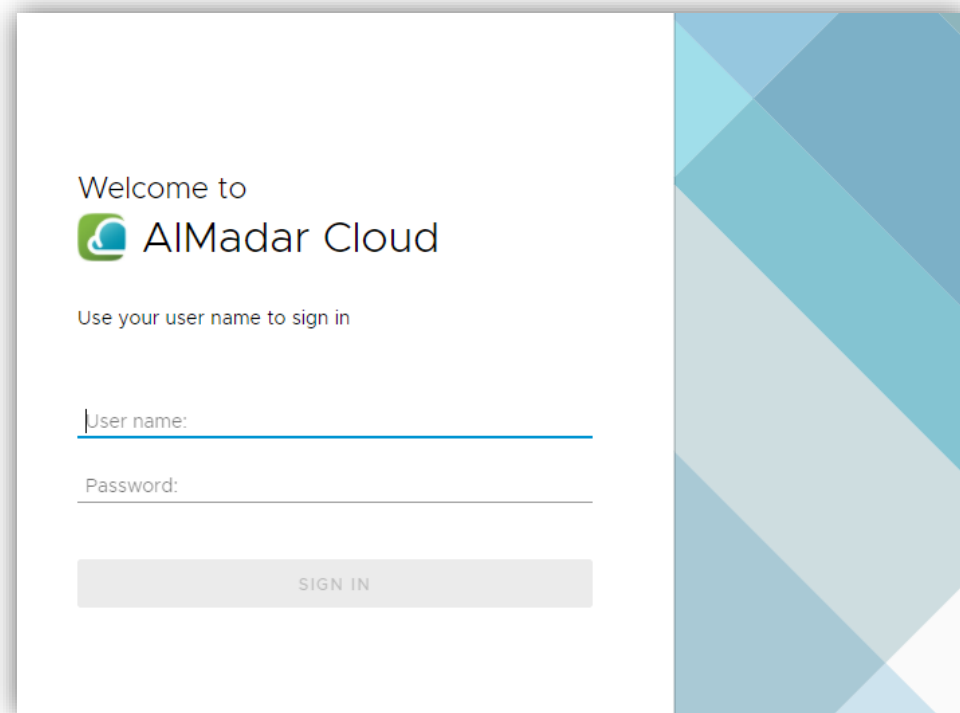



Welcome to
AlMadar Cloud

Use your organization name to continue

NEXT

This screenshot shows the organization selection screen of the Almadar Cloud portal. It features a white background with a blue geometric pattern on the right side. The text 'Welcome to AlMadar Cloud' is displayed in a sans-serif font. Below this, the instruction 'Use your organization name to continue' is shown. A text input field contains the placeholder 'Organization name'. At the bottom, there is a blue button labeled 'NEXT'.



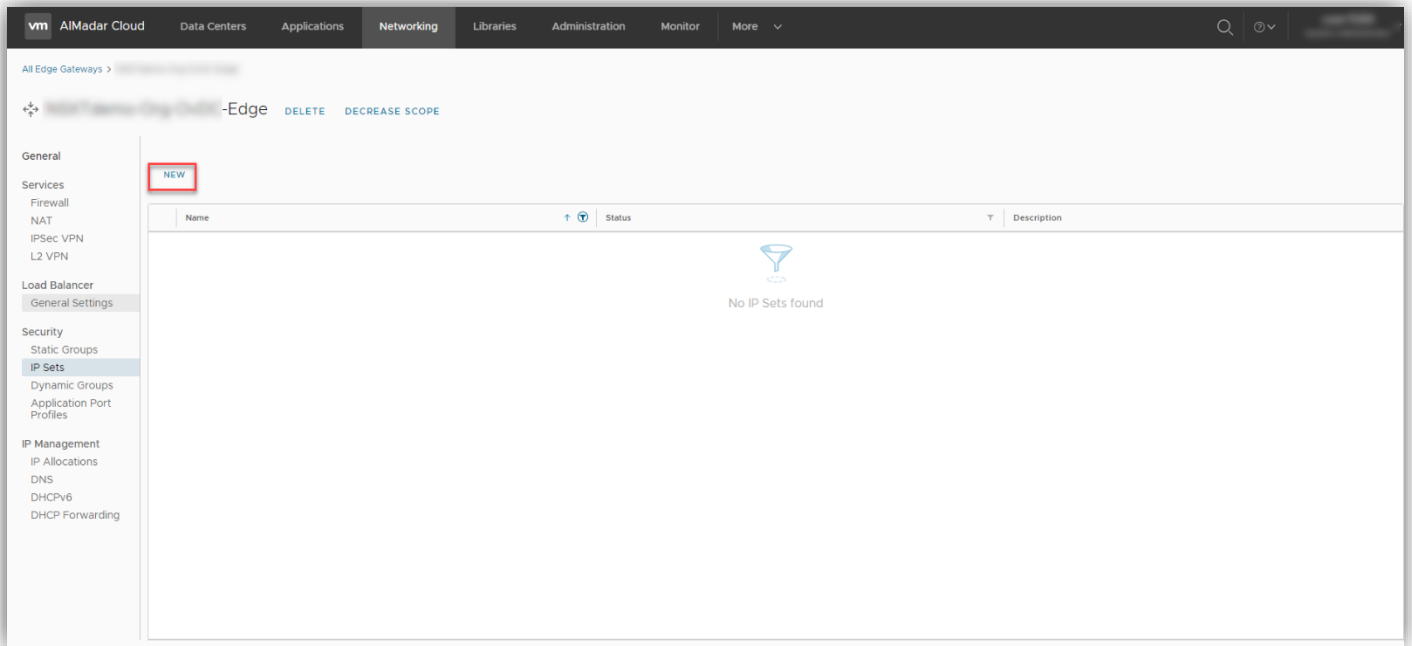
Welcome to
 **AlMadar Cloud**

Use your user name to sign in

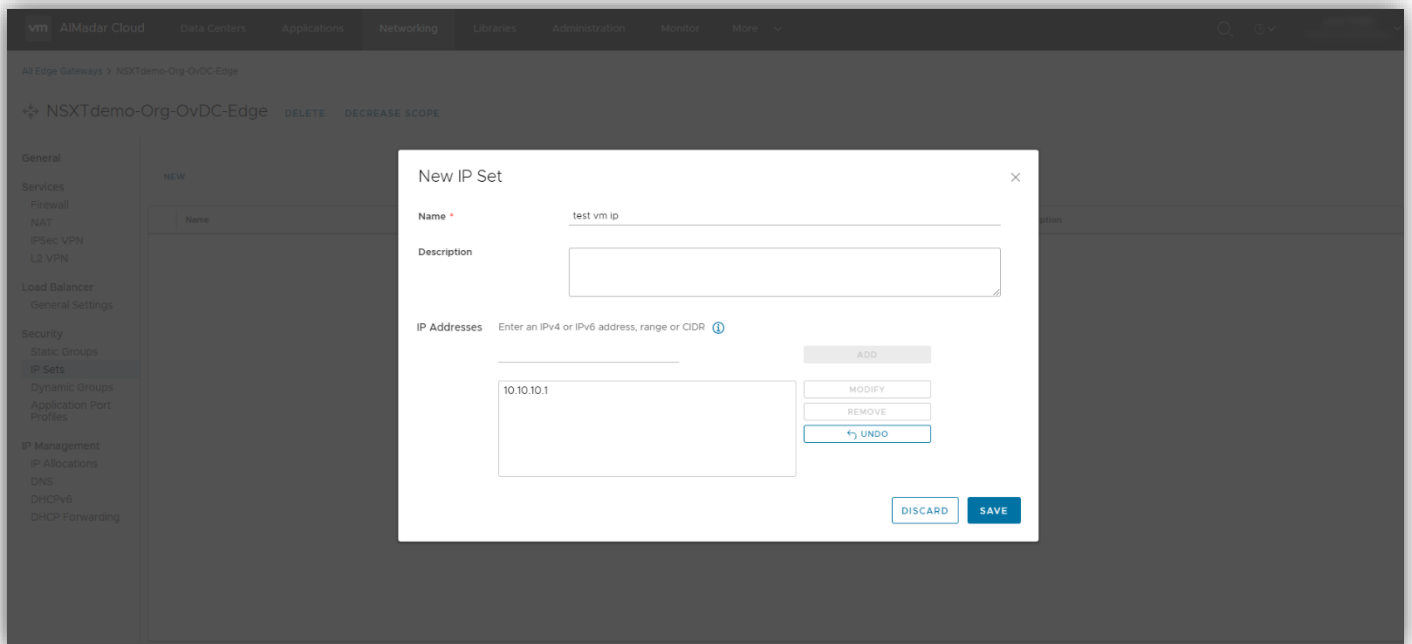
SIGN IN

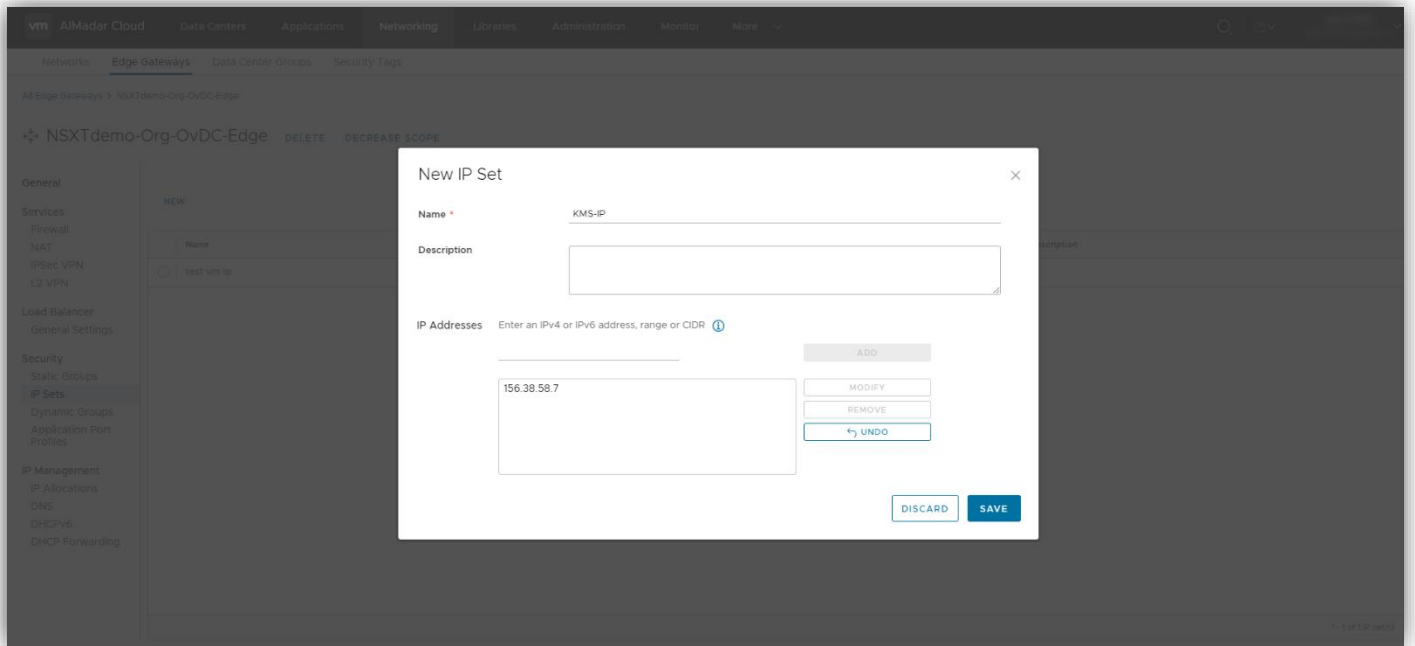
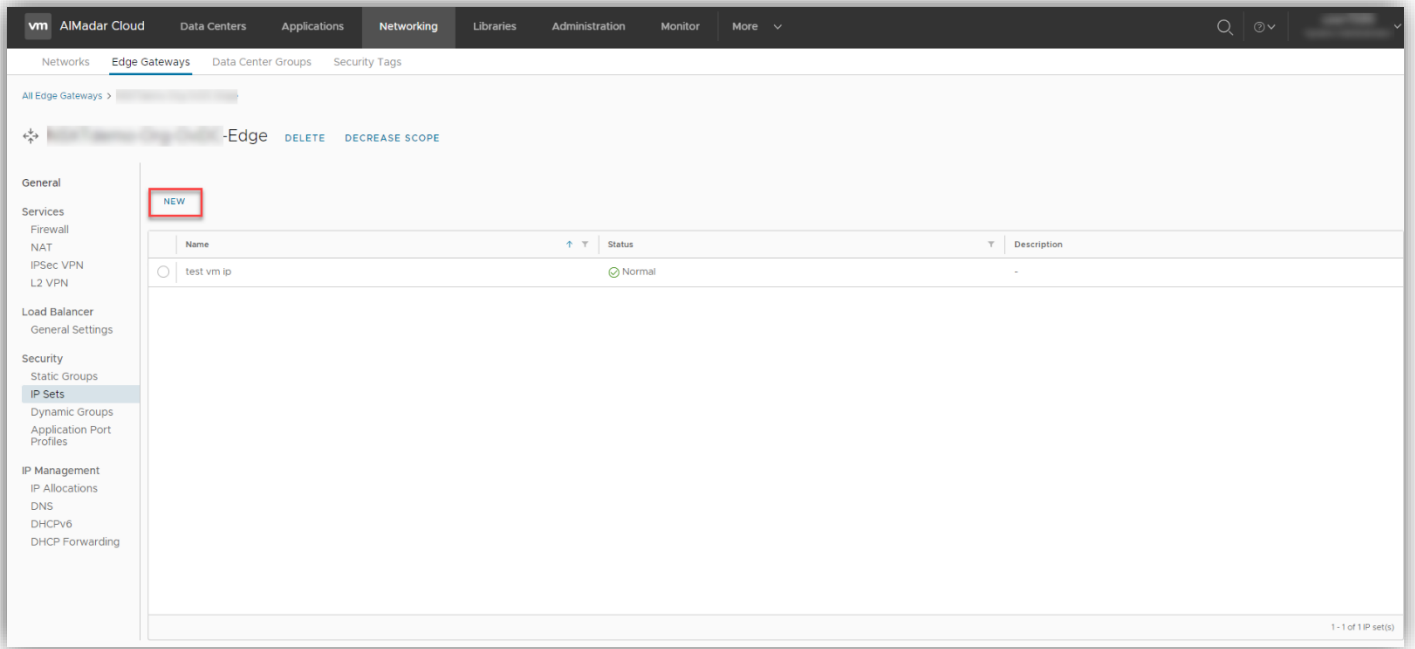
This screenshot shows the user sign-in screen of the Almadar Cloud portal. It features a white background with a blue geometric pattern on the right side. The text 'Welcome to AlMadar Cloud' is displayed, with the Almadar Cloud logo (a green and blue circular icon) to the left of the text. Below this, the instruction 'Use your user name to sign in' is shown. There are two text input fields: the first is labeled 'User name:' and the second is labeled 'Password:'. At the bottom, there is a grey button labeled 'SIGN IN'.

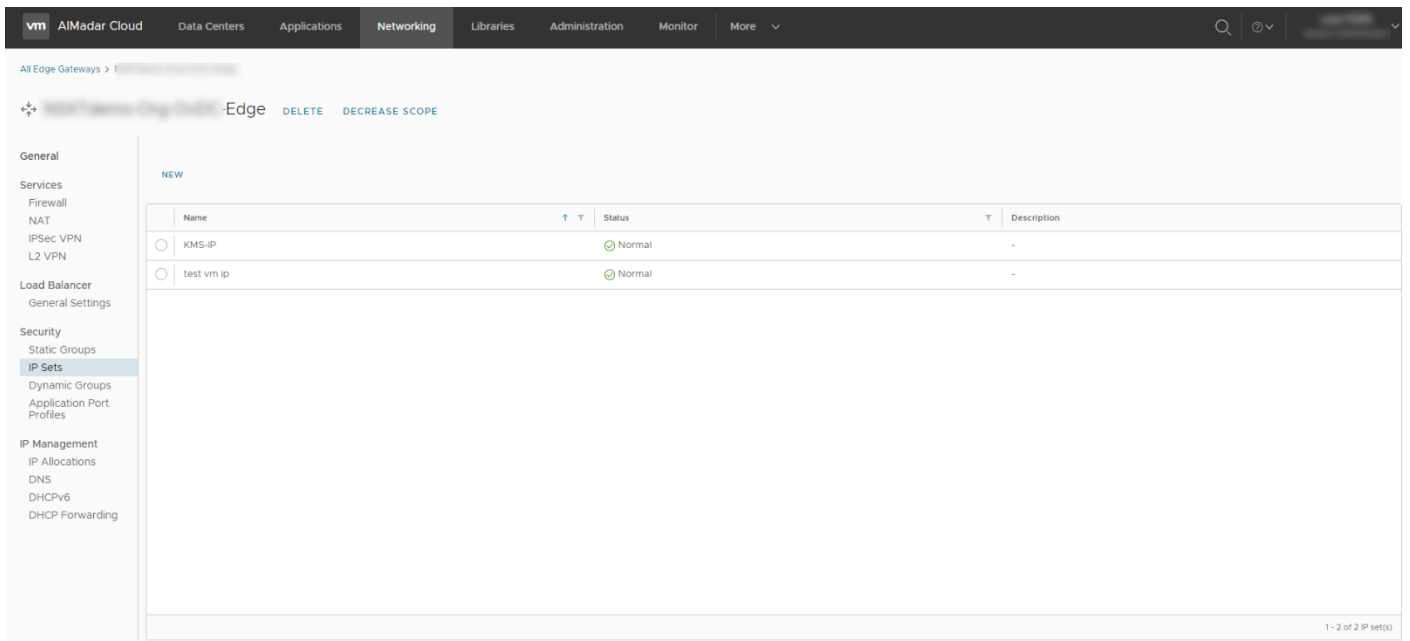
2. Add New IP Sets one for **windows virtual server IP** and the other for the **KMS-IP**.



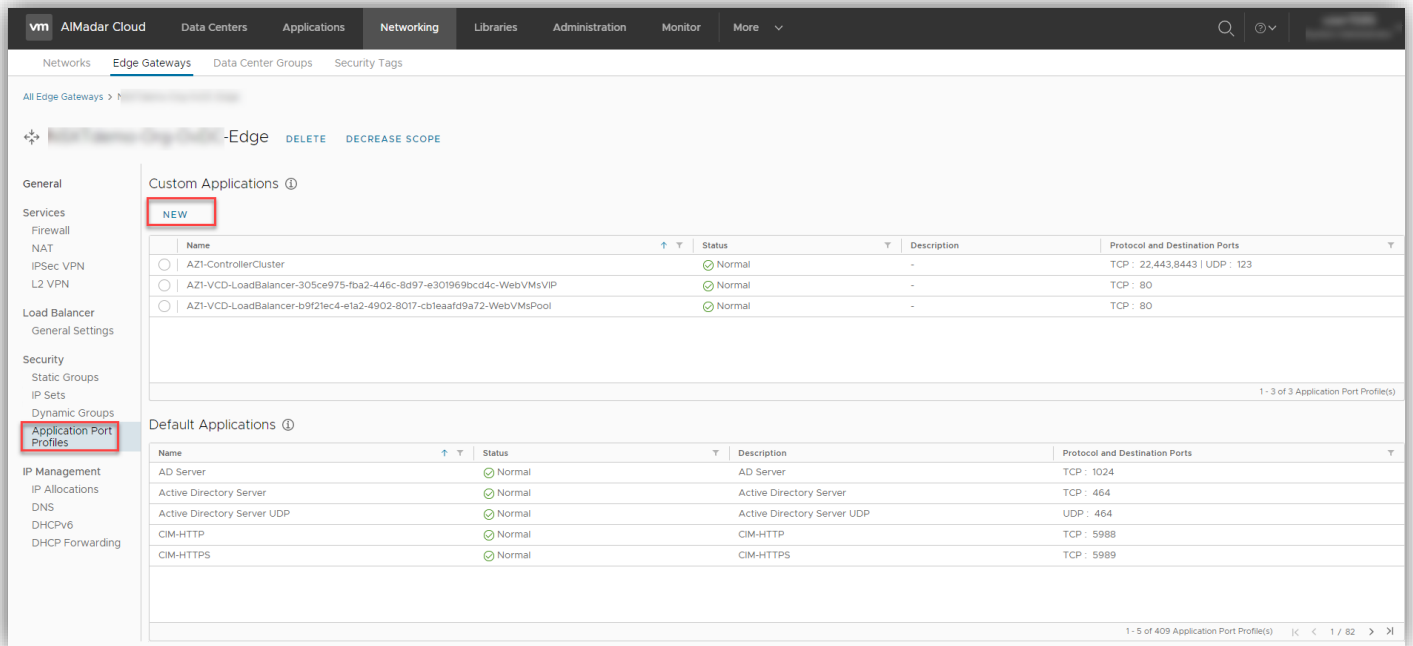
* **Note:** This IP 10.10.10.1 just example you need to enter your **windows virtual server IP**.

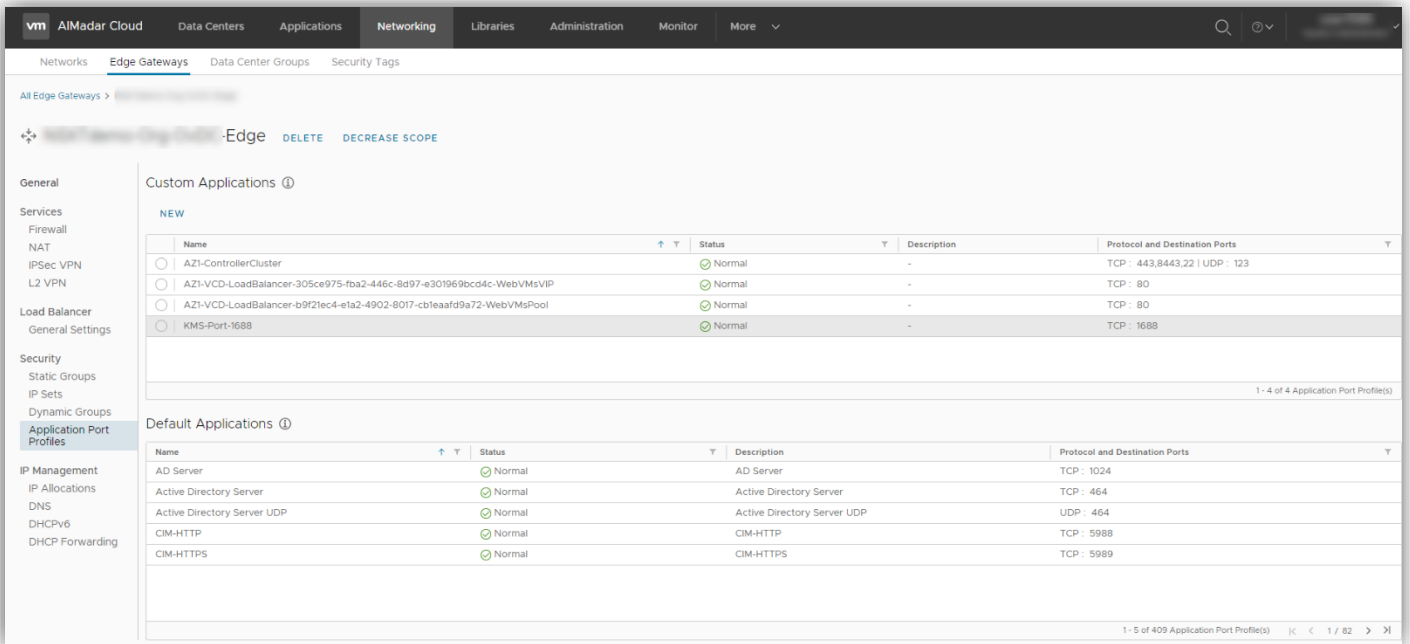
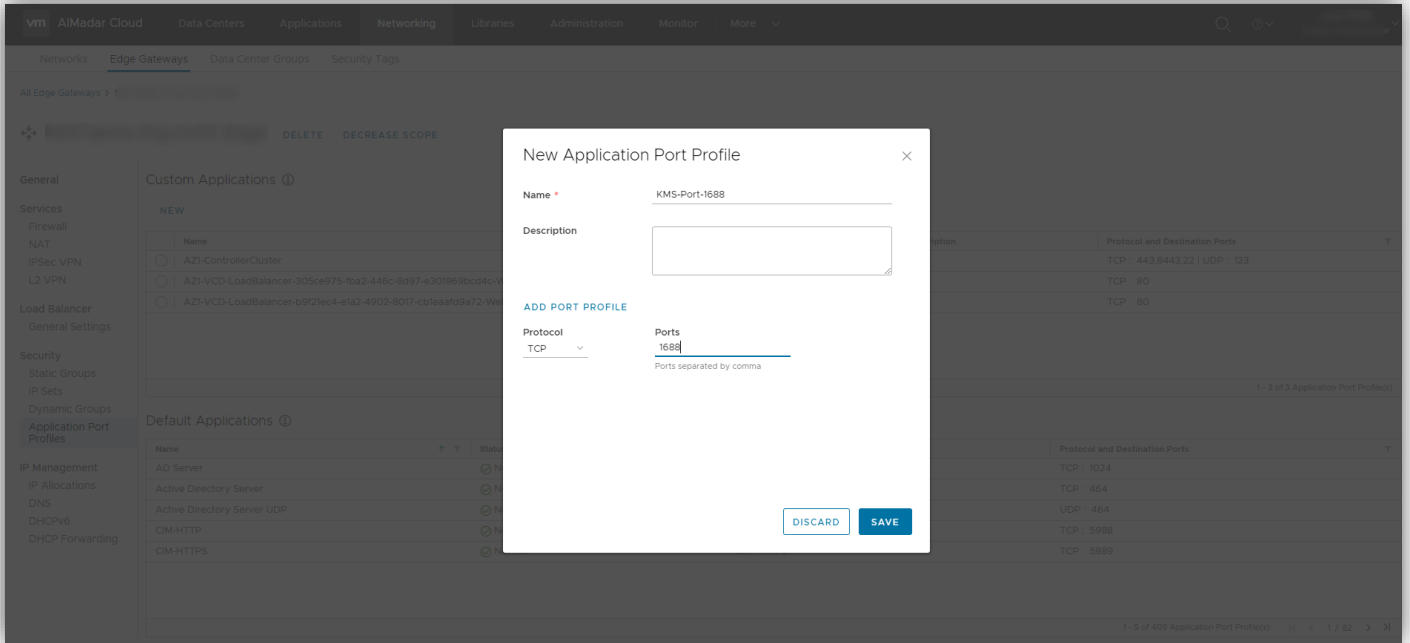






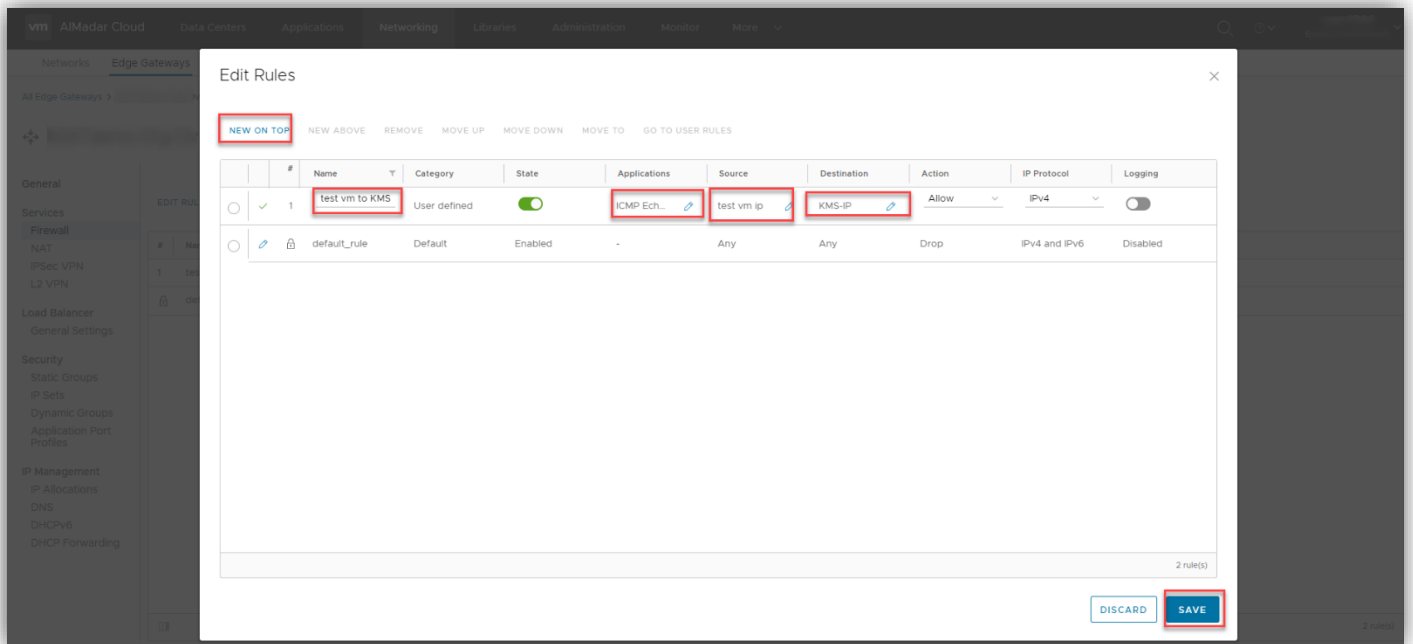
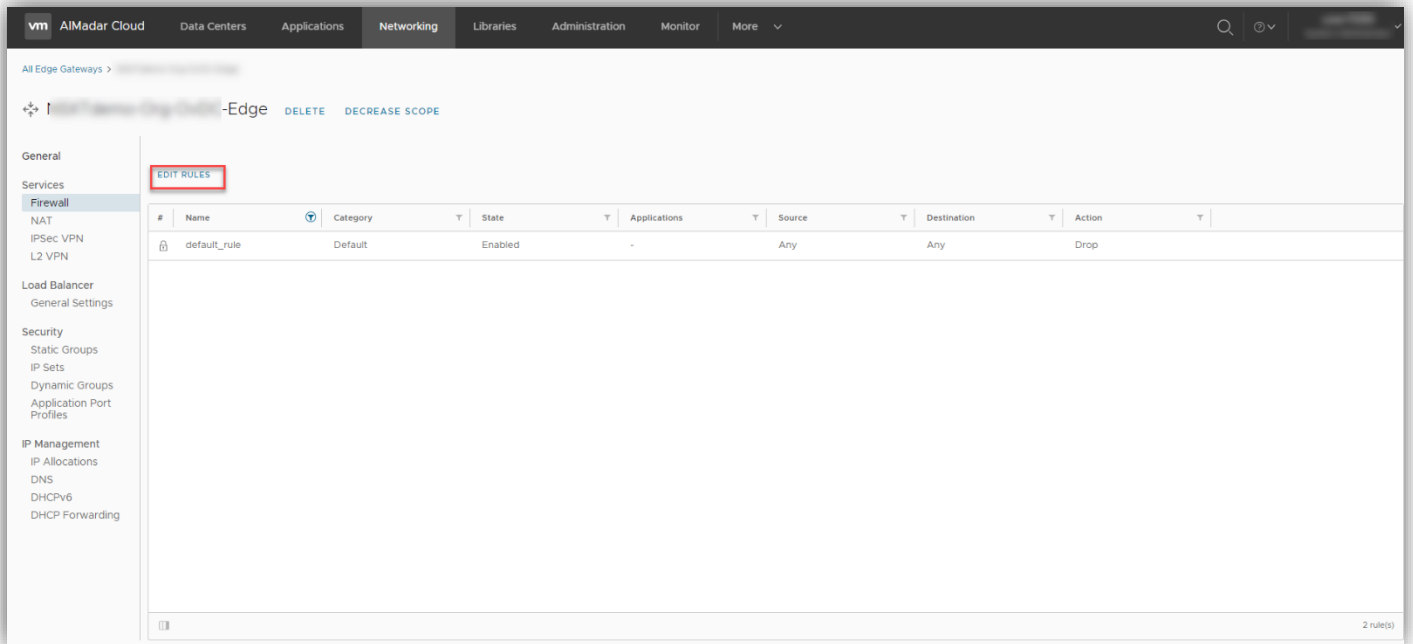
3. Add New Custom Applications (Port number) for the **KMS** server.





4. Create Edge firewall rule, to allow the VM to reach the KMS-IP.

- **Applications:** select **ICMP Echo Request, ICMP Echo Reply, KMS-Port-1688**
- **Source:** Select the IP set of the **windows virtual server** that you want to activate.
- **Destination:** Select **KMS-IP**.



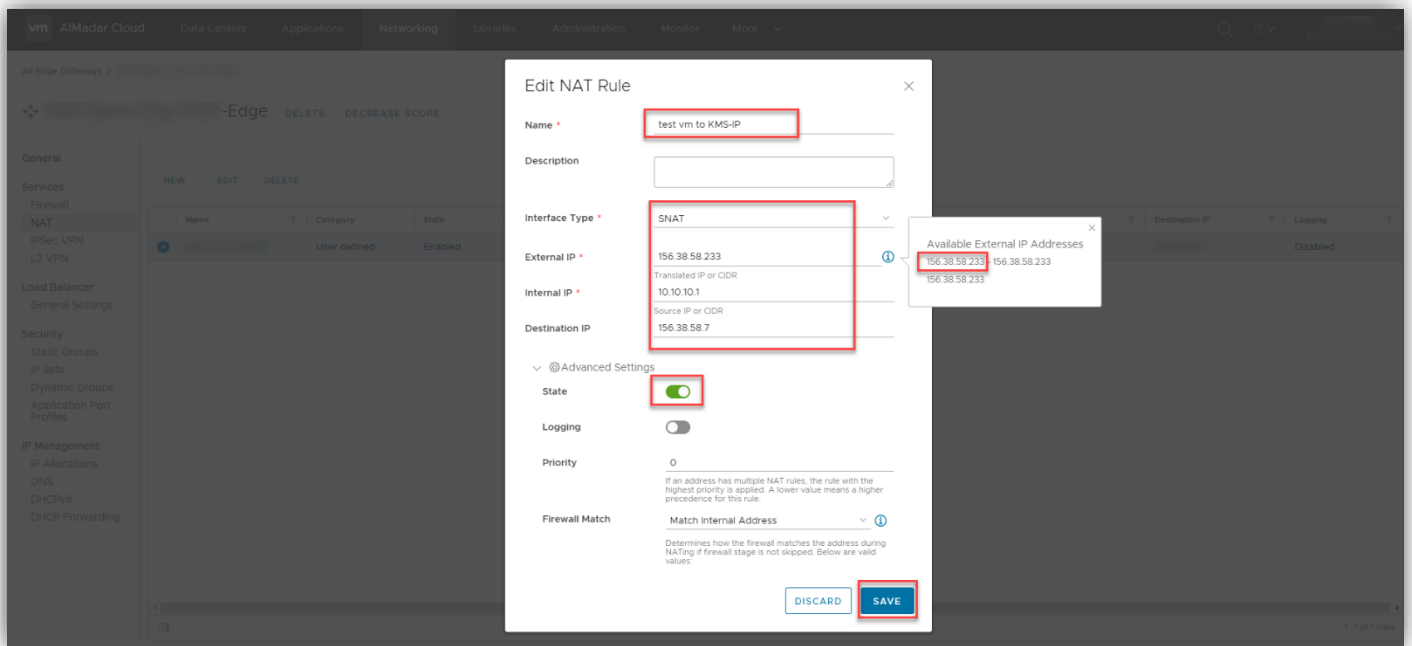
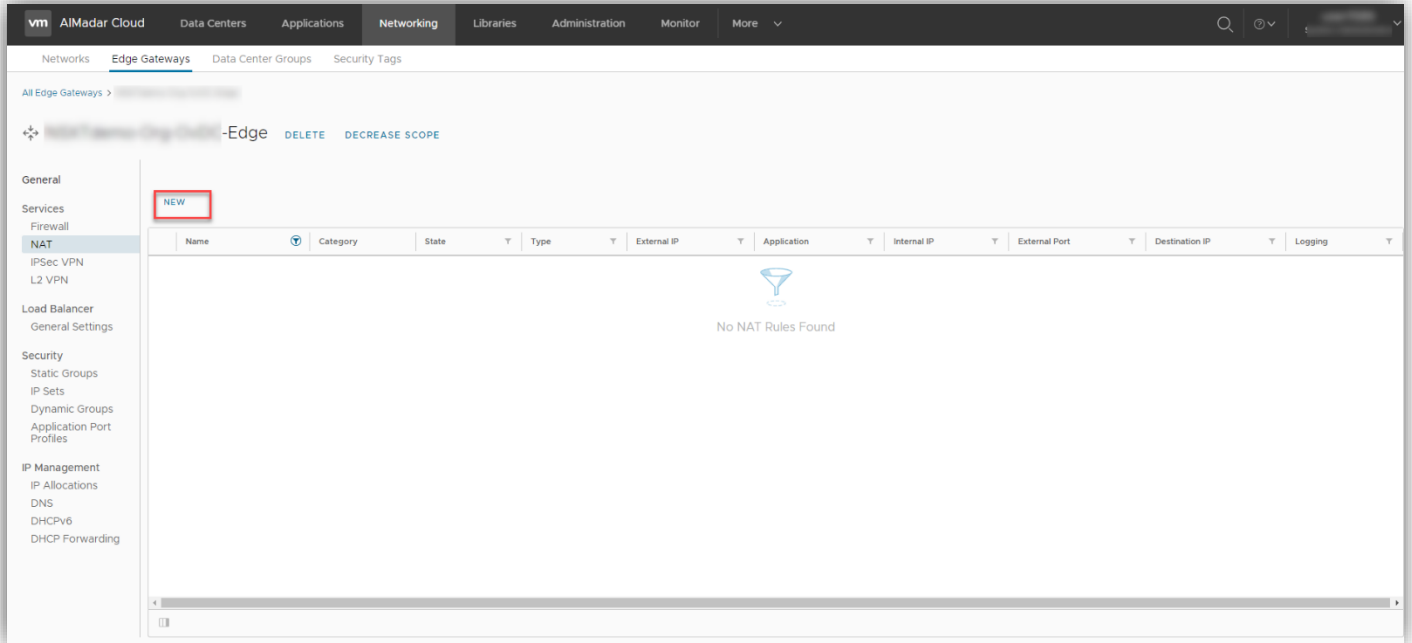
5. Create SNAT rule to translate the internal windows server IP to the Edge public IP.

- **Interface Type:** SNAT.

- **External IP:** Enter the Public IP address of your Edge gateway.

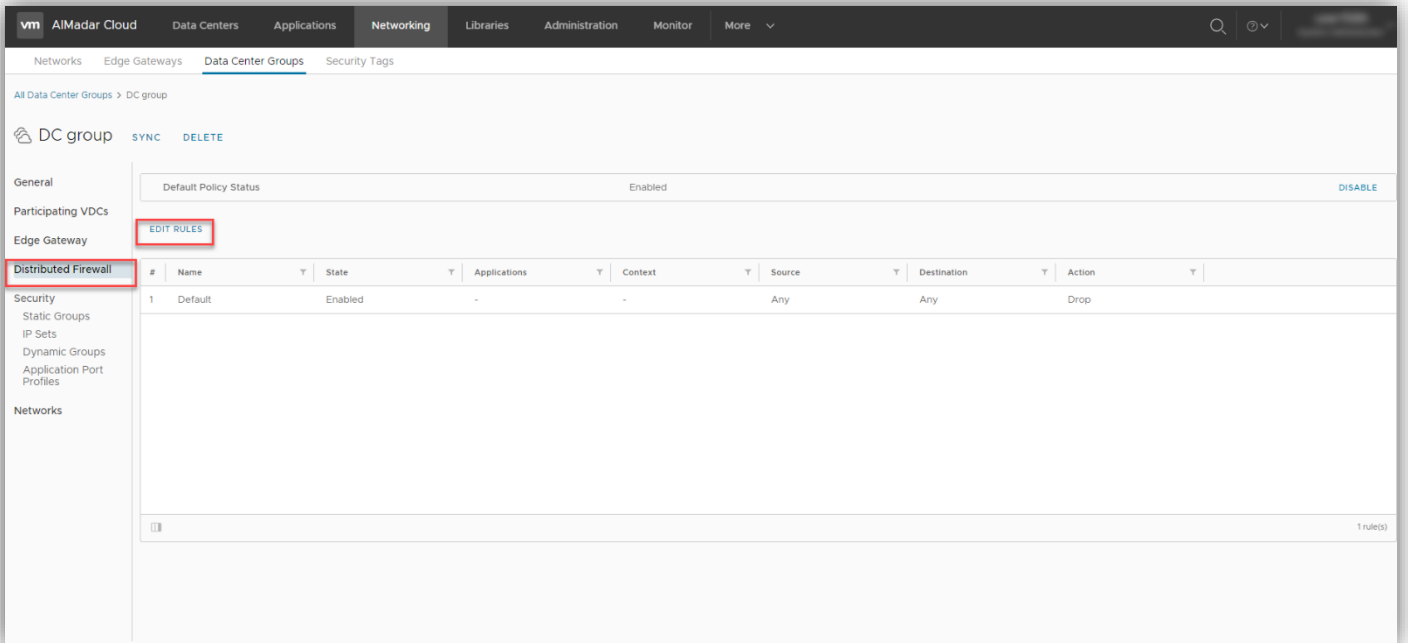
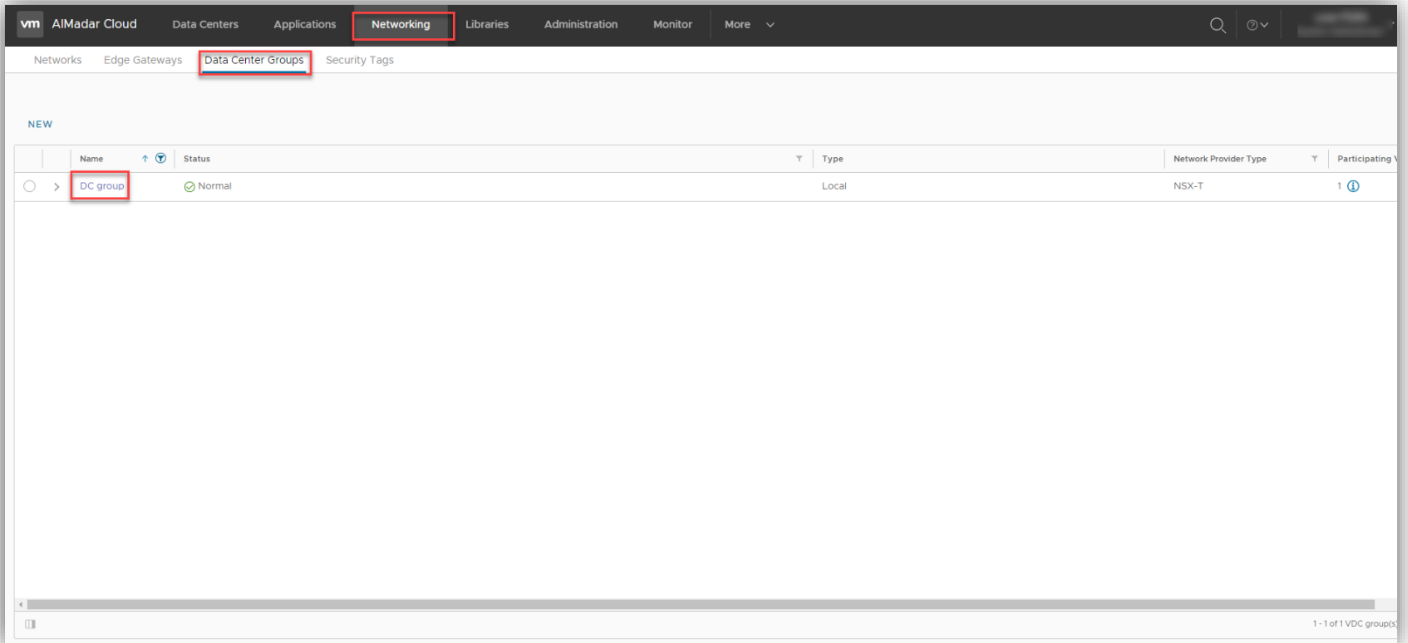
- **Internal IP:** Enter the IP address of the windows server VM that you want to activate.

- **Destination IP:** 156.38.58.7.



6. If you have distributed firewall feature as part of your tenant contract, then you need to allow the VM IP to reach the KMS IP in the distributed firewall in addition to previous steps by following below steps.

- **Applications:** select ICMP Echo Request, ICMP Echo Reply, KMS-Port-1688
- **Source:** Select the IP set of the windows virtual server that you want to activate.
- **Destination:** Select KMS-IP.



vm AlMadar Cloud Data Centers Applications Networking Libraries Administration Monitor More

Networks Edge Gateways

All Data Center Groups > DC group

DC group SYNC

General

Participating VDCs

Edge Gateway

Distributed Firewall

Security

Static Groups

IP Sets

Dynamic Groups

Application Port Profiles

Networks

Edit Rules

NEW ON TOP NEW ABOVE REMOVE MOVE UP MOVE DOWN MOVE TO GO TO USER RULES

#	Name	State	Applications	Context	Source	Destination	Action	IP Protocol	Logging
1	test vm to KMS	Enabled	ICMP Ech...	-	test vm ip	KMS-IP	Allow	IPv4	Disabled
2	Default	Enabled	-	-	Any	Any	Drop	IPv4 and IPv6	Disabled

DISCARD SAVE

vm AlMadar Cloud Data Centers Applications Networking Libraries Administration Monitor More

Networks Edge Gateways Data Center Groups Security Tags

All Data Center Groups > DC group

DC group SYNC DELETE

General

Default Policy Status Enabled DISABLE

Participating VDCs

Edge Gateway

Distributed Firewall

Security

Static Groups

IP Sets

Dynamic Groups

Application Port Profiles

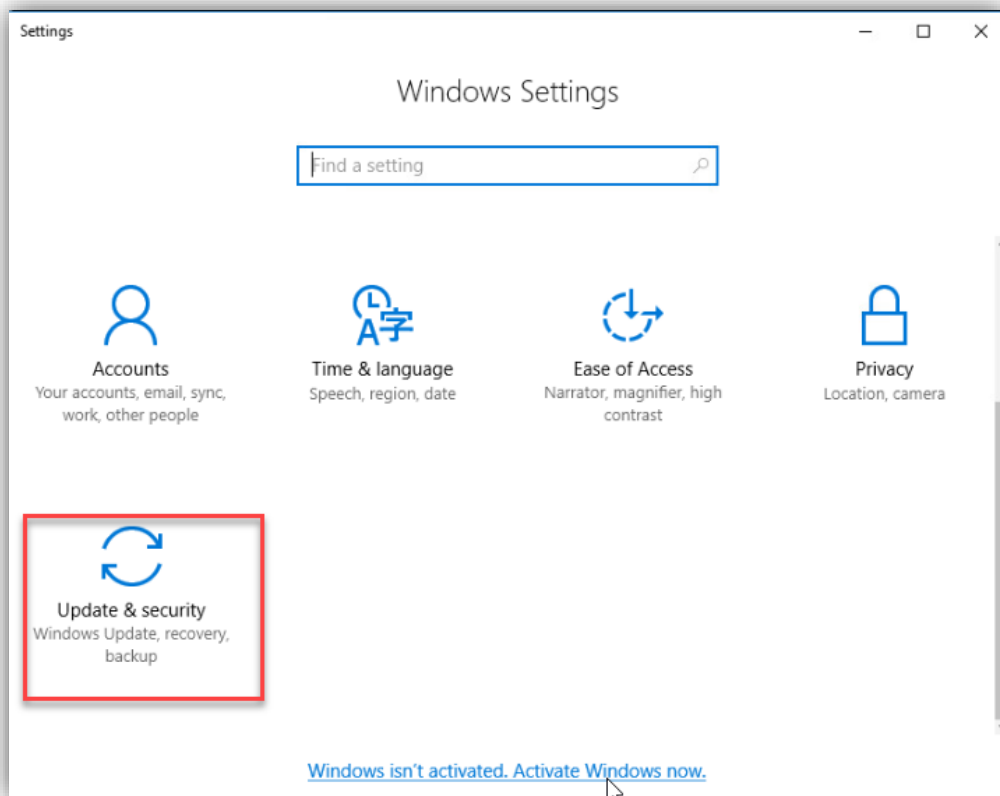
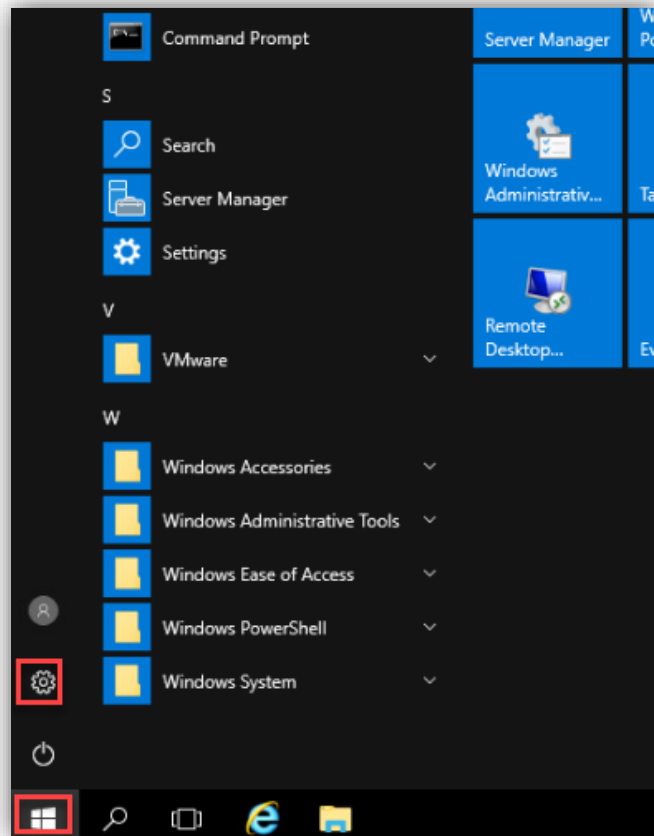
Networks

EDIT RULES

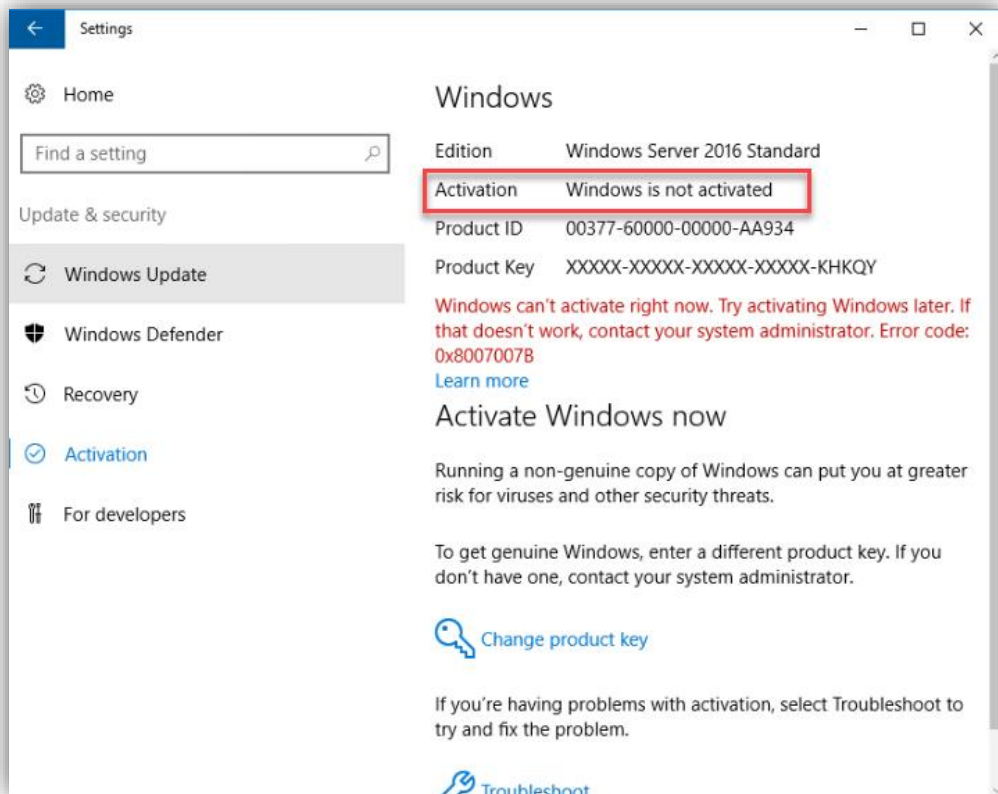
#	Name	State	Applications	Context	Source	Destination	Action
1	test vm to KMS-IP	Enabled	ICMP Echo Request, ICMP ...	-	test vm ip	KMS-IP	Allow
2	Default	Enabled	-	-	Any	Any	Drop

2 rule(s)

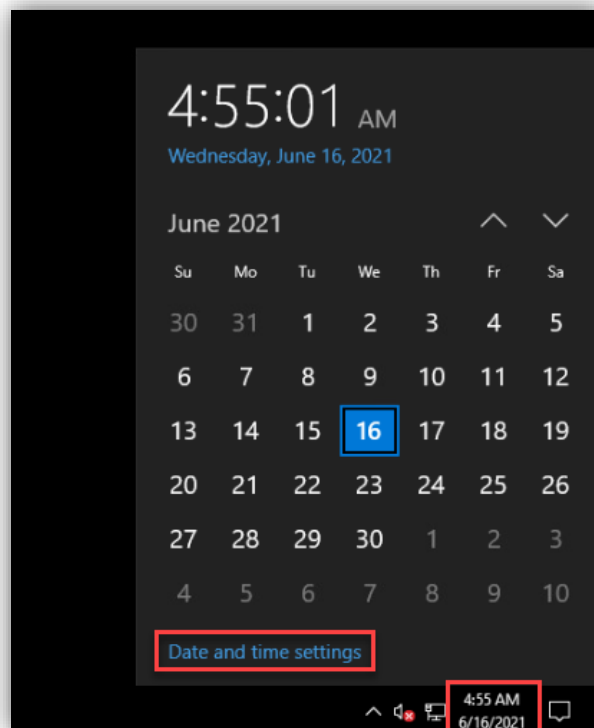
7. Check windows activation status by accessing windows server VM console then open **Settings > Update & security > Windows Update**.

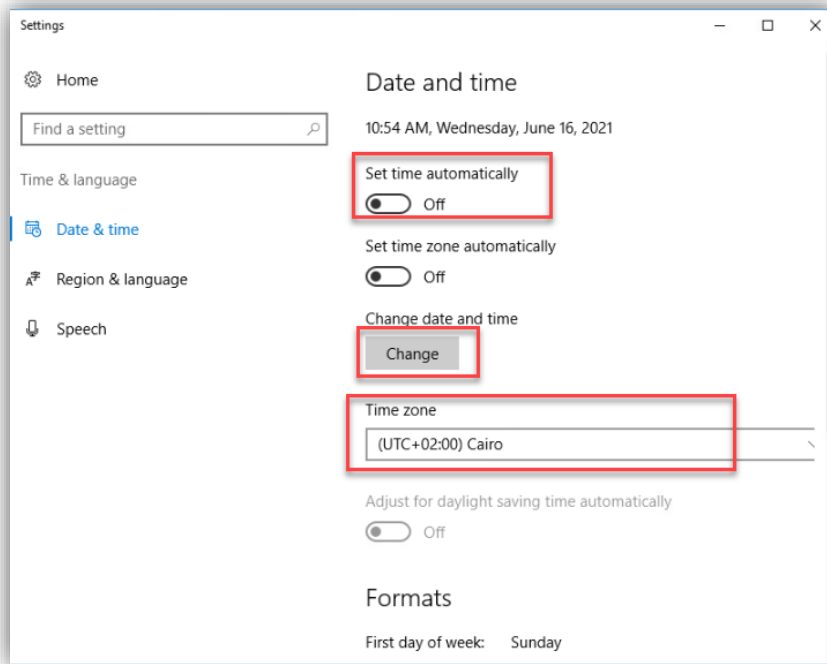


As you can see here windows is not activated.

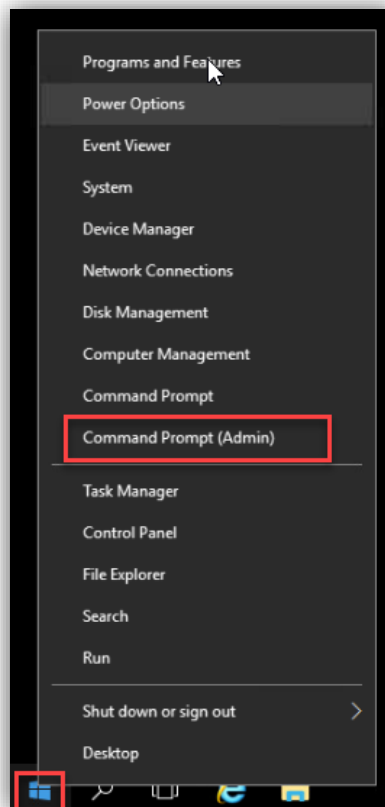


8. Before proceeding in the activation, you must set time zone of the windows server to (UTC +2) manually or give the VM access to online NTP server of your choice.





9. Open Command Prompt (cmd) as an admin by right click on start.



10. Type the following command into cmd window

```
cscript slmgr.vbs /skms 156.38.58.7
```

```
cscript slmgr.vbs /ato
```

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Windows\system32> cscript slmgr.vbs /skms 156.38.58.7
Microsoft (R) Windows Script Host Version 5.812
Copyright (C) Microsoft Corporation. All rights reserved.

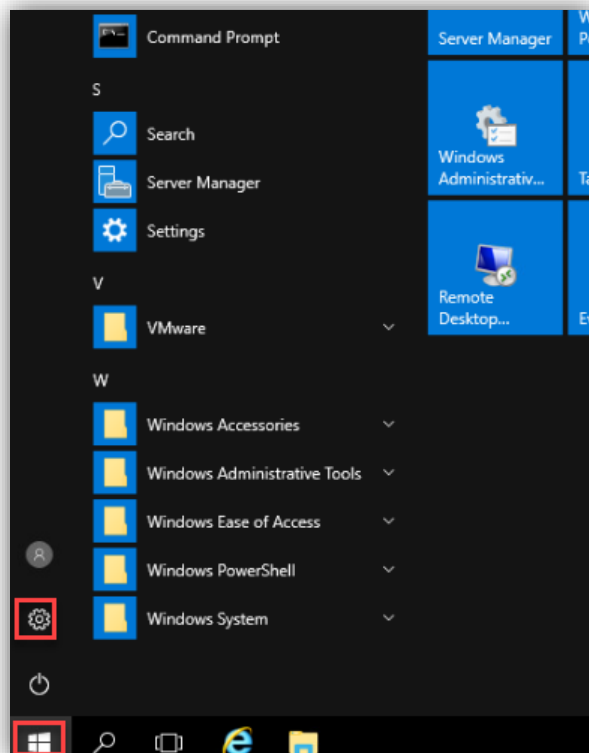
Key Management Service machine name set to 156.38.58.7 successfully.

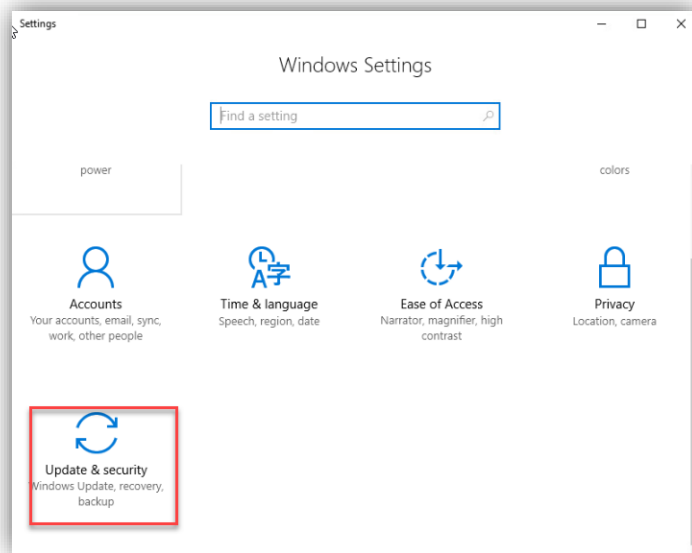
C:\Windows\system32> cscript slmgr.vbs /ato
Microsoft (R) Windows Script Host Version 5.812
Copyright (C) Microsoft Corporation. All rights reserved.

Activating Windows(R), Server Standard edition (8c1c5410-9f39-4805-8c9d-63a07706358f) ...
Product activated successfully.

C:\Windows\system32>
```

1 Now Check windows activation status again by accessing windows server VM console then open **Settings > Update & security > Windows Update.**





As you can see windows activation done successfully

