Connect 2 azure resource by using private IP (in this case we will connect to 2 vm by using private IP)

Connectivity:-

If we want to connect any of cloud resource from out side cloud we need to use public ip, ex from our local system (outside cloud) to azure vm (in cloud)

Ssh -I “private key” username@public ip

If we want to connect 2 azure resource, we can connect by using private ip, ex if we are connected to vm1 (in azure cloud) to vm2 (in azure cloud) private ip we can use.

Ssh -I “private key” username@private ip

Lab-

Our system ---------------------------------------------VM1-----------------------------------------------------------VM2

(outside cloud)------public ip----------------------(cloud)--------------private ip------------------------------(cloud)

NOTE:- to use private ip 2 vm should be in same subnet, else we need to configure peering.

1. Create 2 vm in same subnet

A screenshot of a computer

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A screenshot of a computer

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2 vm’s private (.pem) key will be downloaded to our local system.

1. Connect to primary vm by using primary vm private key and public ip of primary vm

Because we are connecting from on prem to cloud resources

Ssh -I “key file path” user\_name@Public\_ip

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1. Connect to secondery vm by using ssh



NOTE:- connection failed because we are trying to connect from vm 1 so, the private of vm 2 should be available on vm 1.

1. Create private key for vm 2 on primary vm

* Vi private key name 🡪 insert mode 🡪 open private on local system downloaded at the time of vm creation 🡪 copy the key content 🡪 pest on vm key file 🡪 :wq

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1. Connect to secondary vm

Note:- connection will be failed due to file private key (.pem) permission. We need to change permission to read only for the user or owner.

Chmod 400

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1. Change file permission and try
2. By public ip  
   A screen shot of a computer

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3. By private ip

A screenshot of a computer program

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1. After successful login, We will be on secondary vm

logout to come back to primary vm

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1. Ping vm 1 to vm 2 by private ip or public ip

