

How to get the region and IP address of the gateway

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Managed instance uses a host name that has the form <mi_name>.<dns_zone>.database.windows.net.

This host name resolves to a private IP address although it's registered in a public Domain Name System (DNS) zone and is publicly resolvable.

The zone-id is automatically generated when you create the cluster. If a newly created cluster hosts a secondary managed instance, it shares its zone ID with the primary cluster.

This private IP address belongs to the managed instance's internal load balancer. The load balancer directs traffic to the managed instance's gateway. Because multiple managed instances can run inside the same cluster, the gateway uses the managed instance's host name to redirect traffic to the correct SQL engine service.

To get the IP address and region of the **gateway** you can ping or nslookup the host name.

Example using ping

```
ping azuresqlmi.1d65b50b5acd.database.windows.net
```

Pinging tr3434.**westeurope1-a**.worker.vnet.database.windows.net [10.10.10.253] with 32 bytes of data:

Example using nslookup

```
nslookup azuresqlmi.1d65b50b5acd.database.windows.net 
```

Non-authoritative answer:

Name: tr3434.**westeurope1-a**.worker.vnet.database.windows.net

Address: 10.10.10.253

Aliases: azuresqlmi.1d65b50b5acd.database.windows.net 

How good have you found this content?

