

VNet Service Endpoint troubleshooting

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3:56 PM

Additional Link : [TSG - VNET Service Endpoint not supported for Orcas DB's](#)

	Gateway/ is_success	Gateway/ is_user_error	Gateway/ peer_address	Gateway/ error	Gateway/ state	Customer receives message	Comment/ Follow-up
PG	0	1		18456	122	Client from Azure Virtual Networks is not allowed to access the server. Please make sure your Virtual Network is correctly configured.	VNET ACL is not configured (As an immediate mitigation Customer should be asked to remove the service endpoint configured in their vnet resource.)
PG	0	1		18456	122	Server is not configured to allow ipv6 connections.	Server doesn't not support VNET Customer should be asked to remove the service endpoint configured in their vnet resource.

Overview

Virtual Network (VNET) Service Endpoints create a "tunnel" from a customer's VNET to Azure Database PaaS Services extending the VNET subnet to the PaaS databases on the subnet. VNET Service Endpoints are in public preview for Azure SQL Database and Azure SQL Data Warehouse. However, this is not yet supported for Azure Database for MySQL and PostgreSQL. Private Preview is scheduled to begin in February 2018 for Azure Database for MySQL and PostgreSQL. When a customer creates a VNET Service Endpoint it enables it with the Microsoft.SQL service tag; this service tag is shared with Azure SQL Database, Azure SQL Data Warehouse and Azure Database for MySQL and PostgreSQL. When the service endpoint is activated on a subnet that contains Azure Database for MySQL and / or PostgreSQL along with Azure SQL DB or Azure SQL Data Warehouse clients can no longer connect to these databases, because VNET is not yet supported for Azure Database for MySQL and PostgreSQL. Access Control Lists (ACL'ing) is not supported for VNET Service Endpoints on Azure Database for MySQL and PostgreSQL in production.

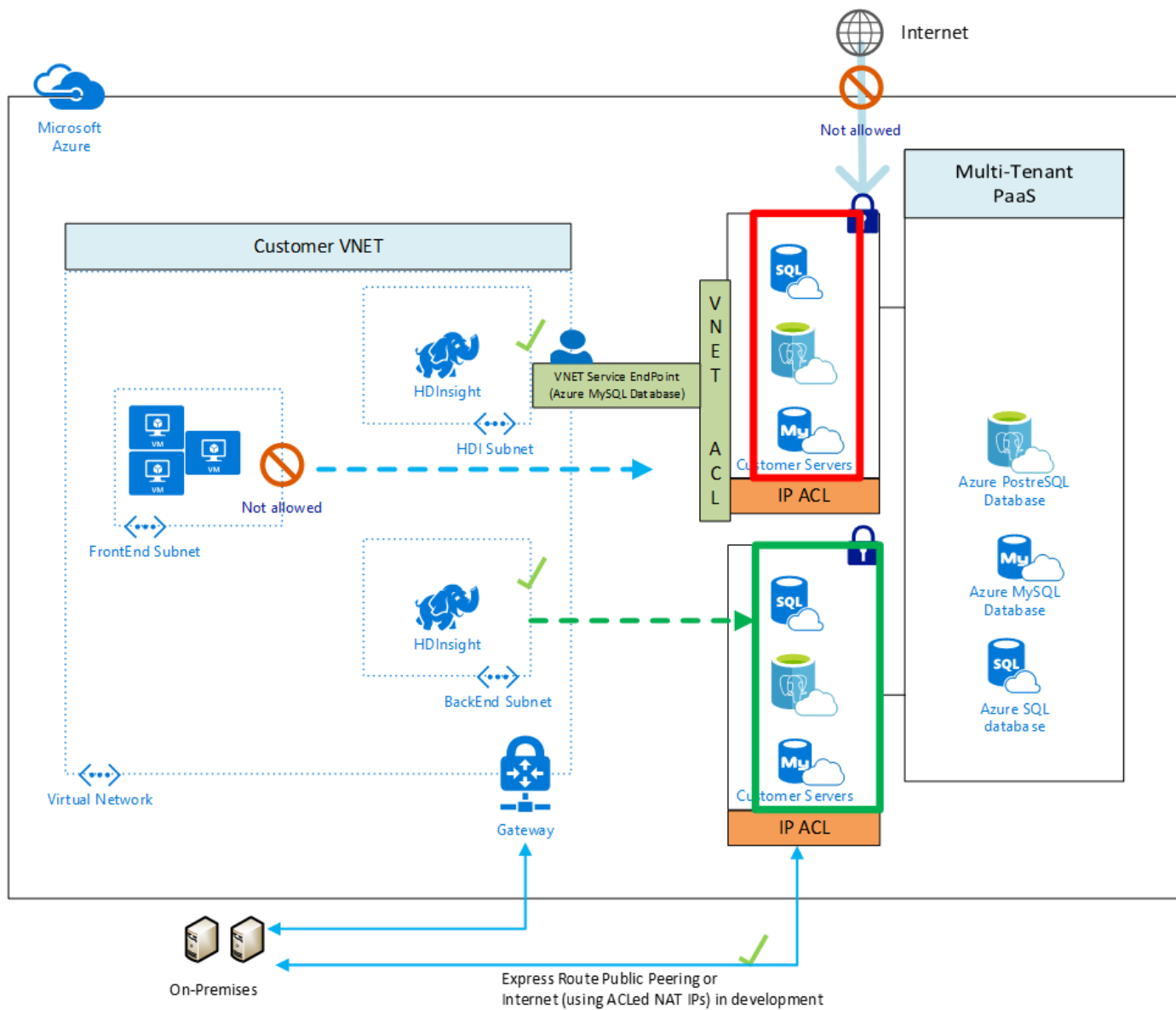
Workaround

In order to re-establish network communication from clients on the VNET subnet to the Azure Database for MySQL and / or PostgreSQL server(s) the customer can:

1. Move the client (in the case of the this diagram it is HDInsight) to a subnet where a VNET Service Endpoint for Microsoft.SQL is not enabled
2. Switch the service endpoint off, or
3. Whitelist the customer's Azure Database for PostgreSQL and MySQL by obtaining their subscription ID and server names when private preview is available.

Resolution

When VNET Services Endpoints for Azure Database for MySQL and PostgreSQL are in Private Preview and the feature is deployed worldwide, we can whitelist customers where this happens and the issue will be resolved. Once the feature is in Public Preview our documentation will explain that this is a supported scenario and how to enable it. Users will simply have to ACL Azure Database for MySQL and PostgreSQL to the service endpoint and clients on the subnet will connect.



Created with Microsoft OneNote 2016.

How good have you found this content?

