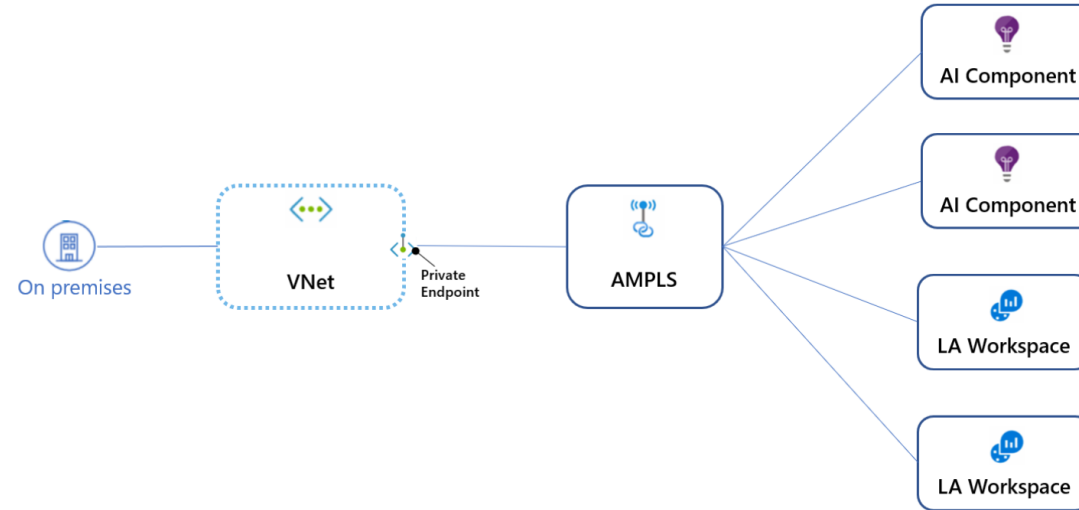


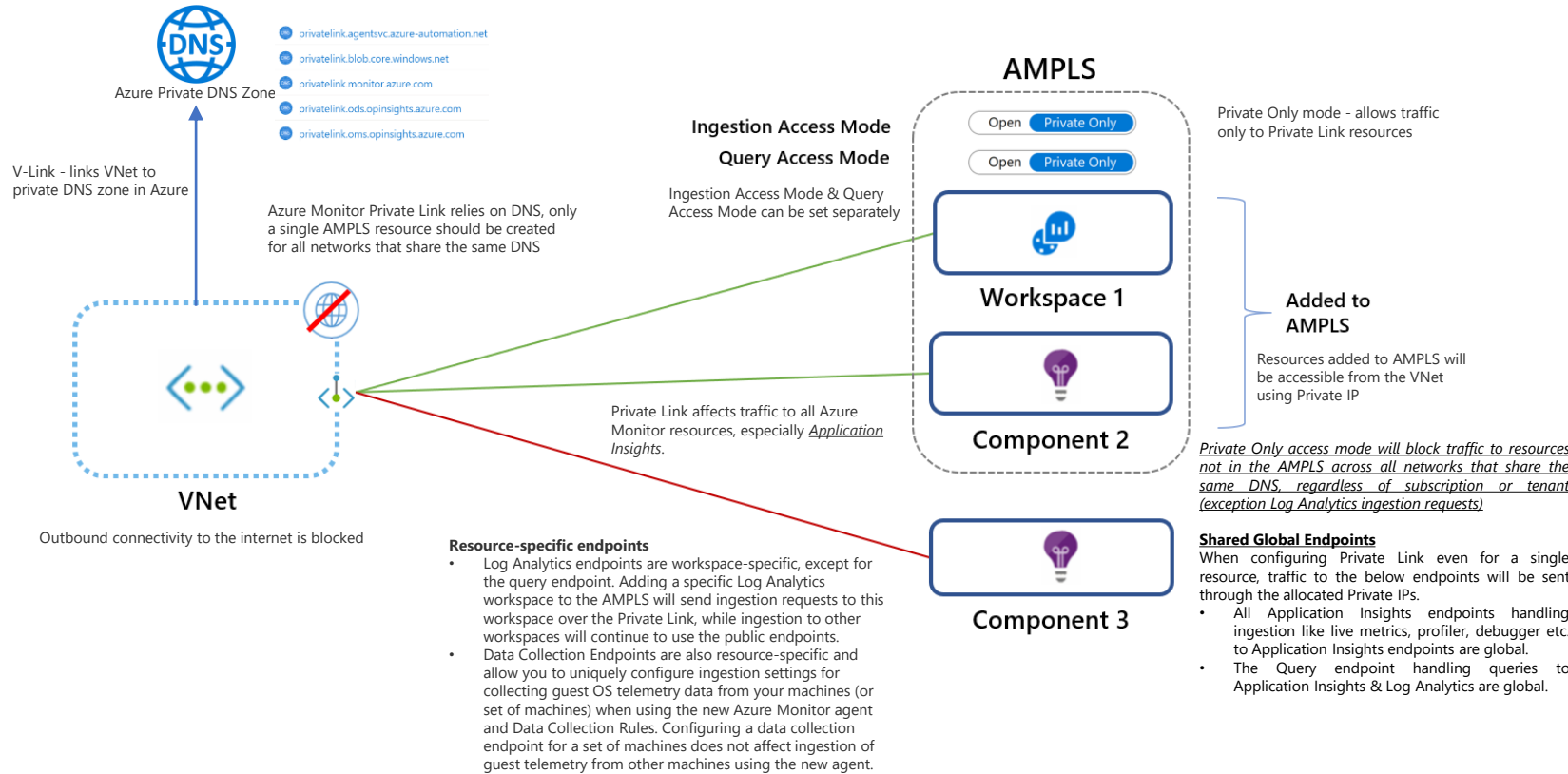
# Azure Monitor Private Link Scope - AMPLS



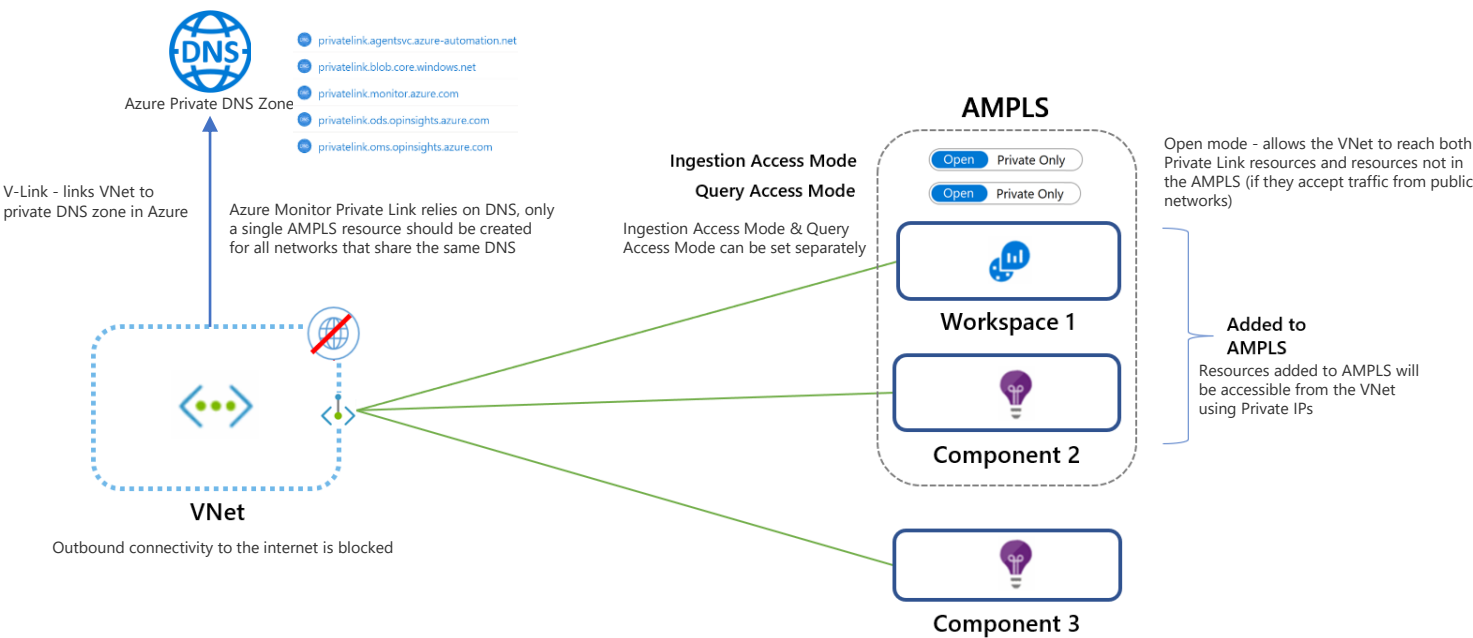
- AMPLS connects a Private Endpoint to a set of Azure Monitor resources.
- Traffic from the Private Endpoint will go over the Microsoft Azure backbone.
- Disabling Public Access will allow only Private Link traffic.
- Azure Monitor uses a single Private Link connection, from the VNet to an AMPLS
- Doc:

- <https://docs.microsoft.com/en-us/azure/azure-monitor/logs/private-link-security>
- <https://docs.microsoft.com/en-us/azure/azure-monitor/logs/private-link-design>
- <https://docs.microsoft.com/en-us/azure/azure-monitor/logs/private-link-configure>

# AMPLS – Private only access mode

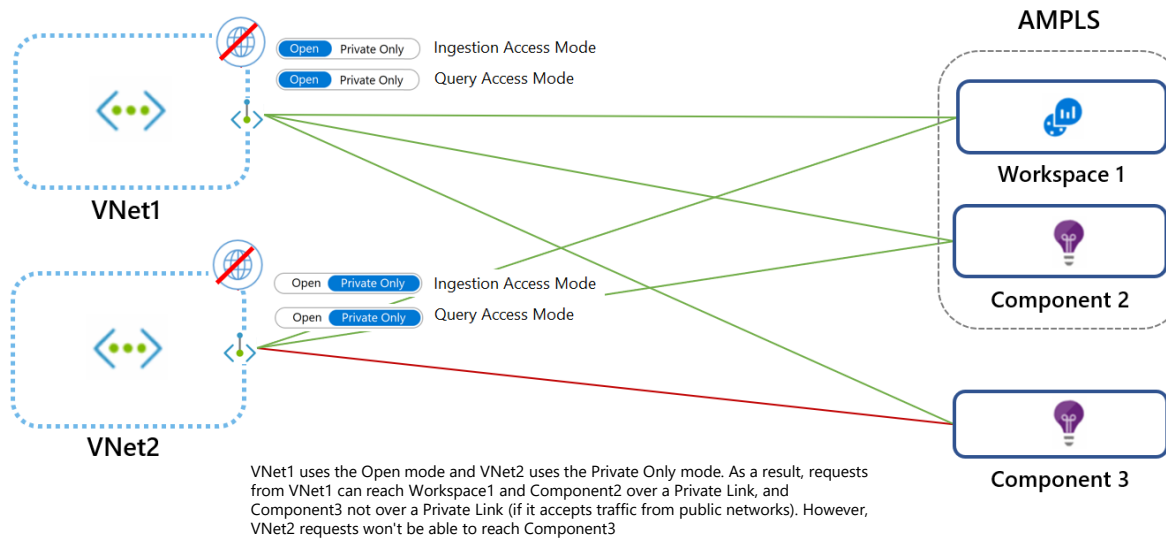


# AMPLS – Open access mode



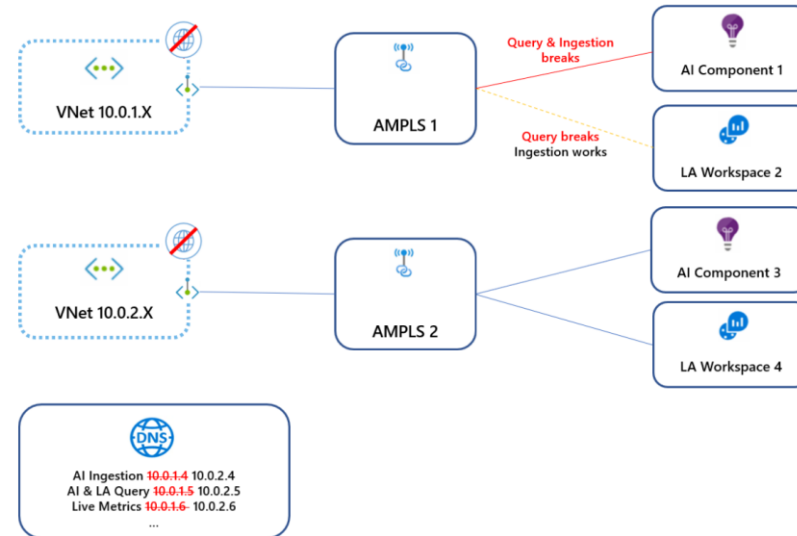
## Private Link design set up – scenario 1

### Setting access modes with different networks



## Private Link design set up – scenario 2

### Avoid DNS overrides by using a single AMPLS

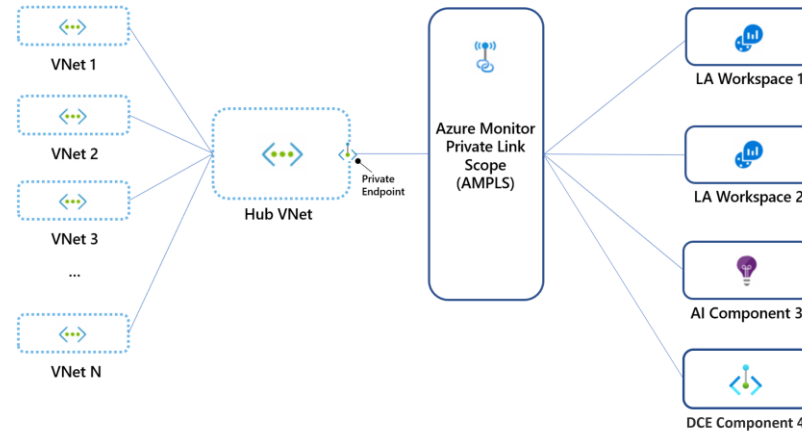


VNet 10.0.1.x connects to AMPLS1 which creates DNS entries mapping Azure Monitor endpoints to IPs from range 10.0.1.x.  
Later, VNet 10.0.2.x connects to AMPLS2, which overrides the same DNS entries by mapping the same global/regional endpoints to IPs from the range 10.0.2.x. Since these VNets aren't peered, the first VNet now fails to reach these endpoints.

To avoid this conflict, create only a single AMPLS object per DNS.

## Private Link design set up – scenario 3

### Hub-and-spoke networks



Hub-and-spoke networks should use a single Private Link connection set on the hub (main) network, and not on each spoke VNet.