



# Troubleshooting Azure Multi IP

## Unable to create a Service

### Problem Statement

The Barracuda Web Application Firewall service creation fails because Microsoft Azure was not able to allocate Private IP to instance.

### Reason

Azure service principal details configured on the unit does not have adequate privileges VNET.

The details of the error is available on Azure activity logs.

```
{ "error":{ "code":"LinkedAuthorizationFailed", "message":"The client '94f4c94a-xxxx-xxxx-xxxx-xxxxxxx3e3a5c' with object id '94f4c94a-xxxx-xxxx-xxxx-xxxxxxx3e3a5c' has permission to perform action 'Microsoft.Network/networkInterfaces/write' on scope '/subscriptions/XXf7137e-xxxx-xxxx-xxxx-xxxxxxx46fb8/resourceGroups/RG-WAF-PRD/providers/Microsoft.Network/networkInterfaces/WAF03P_nic00'; however, it does not have permission to perform action 'Microsoft.Network/virtualNetworks/subnets/join/action' on the linked scope(s) '/subscriptions/78f7137e-01a0-4730-898d-98ac9be46fb8/resourceGroups/RG-VNET/providers/Microsoft.Network/virtualNetworks/VN-PRD-WE/subnets/SN-PRD-WE'." } }
```

In the above error, even though the service principal configured has the IP allocation permissions on NIC "WAF03P\_nic00" attached to the VM, it does not have the permissions to make changes to the subnet "SN-PRD-WE" which is configured under a different resource group "RG-VNET".

### Solution

- Service Principal should have READ and WRITE permissions for the RESOURCE GROUP where WAF is deployed and the VNET it's using.
- Configure new service principal on the units.

