



# Traffic Manager

The queries below allow you to query various diagnostic and metric data for a Traffic Manager Profile.

Optimal rendering options are also included below each query.

## Status Report (by profile)

Reports the status of a Traffic Manager Profile endpoint. For each profile, the query reports either a 1 for the endpoint being *Up* or 0 for the endpoint being *Down*. Being that a downstate is a high-priority incident, the results display the *minimum* (e.g. 0) of 1-minute blocks by each traffic manager profile.

```
AzureDiagnostics
| where ResourceProvider == "MICROSOFT.NETWORK" and Category ==
"ProbeHealthStatusEvents"
| extend Endpoint = strcat(Resource, "/", EndpointName_s)
| extend Up = case(Status_s == "Up", 1, 0)
| summarize min(Up) by Endpoint, bin(TimeGenerated, 1m)
```

#timechart

#barchart

#areachart

## List Down Endpoints (by profile)

Reports all Traffic Manager Profile endpoints that have been reported as "Down" within the past 5 minutes.

```
AzureDiagnostics
| where ResourceProvider == "MICROSOFT.NETWORK" and Category ==
"ProbeHealthStatusEvents"
| where Status_s == "Down"
| where TimeGenerated > ago(5m)
| extend Endpoint = strcat(Resource, "/", EndpointName_s)
| project Endpoint
| distinct Endpoint
```

## Total Queries by Endpoint (by profile)

Displays the total number of queries by endpoint. The results display the query count in increments of 5-minute blocks for the past 24 hours.

```
AzureMetrics  
| where ResourceId contains "TRAFFICMANAGERPROFILE"  
| where MetricName == "QpsByEndpoint"  
| summarize sum(Total) by Resource, bin(TimeGenerated, 5m)
```

#timechart

#barchart

#areachart