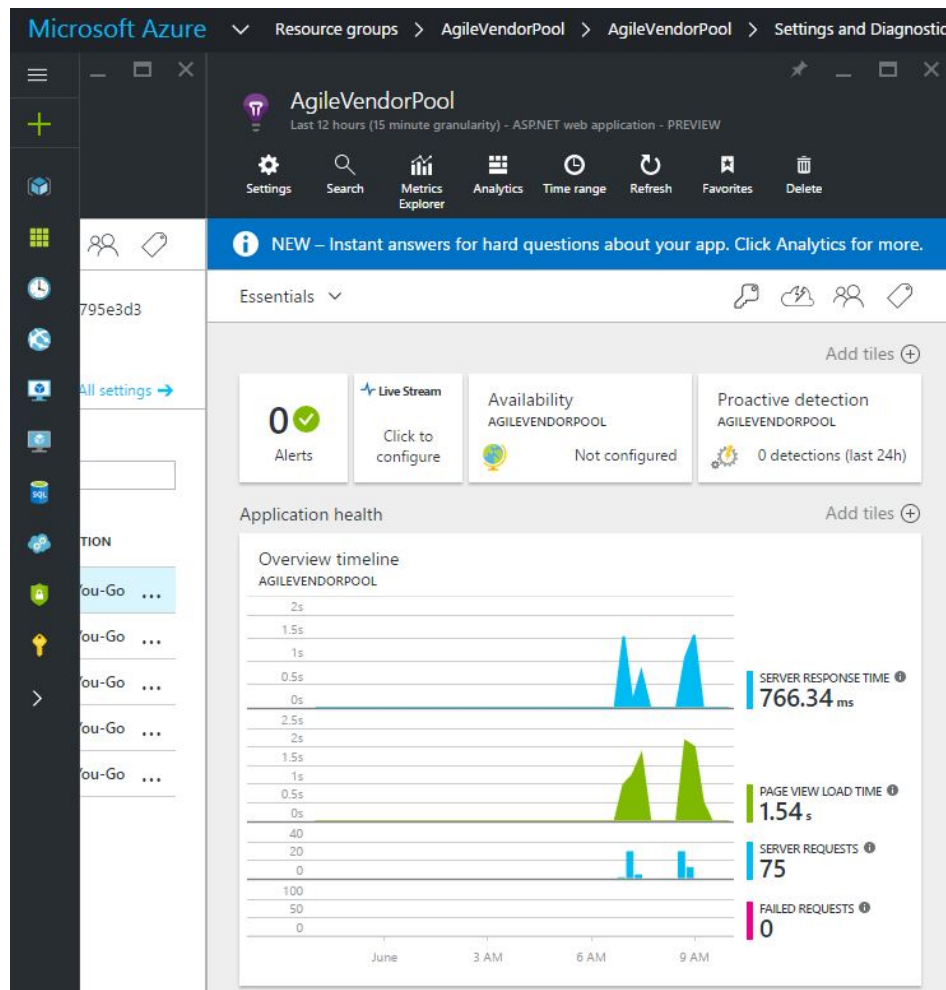# Azure Continuous Monitoring

ADPQ Vendor Pool Prototype

For the purpose of creating this prototype, the Trinity Technology Group (TrinityTG) utilized Microsoft Azure. The Microsoft Azure Cloud Environment has multiple features that can be set up for continuous monitoring. For this project, some of the examples of what was we are monitoring is the Microsoft SQL Server uptime, web server health, and response time on page views.
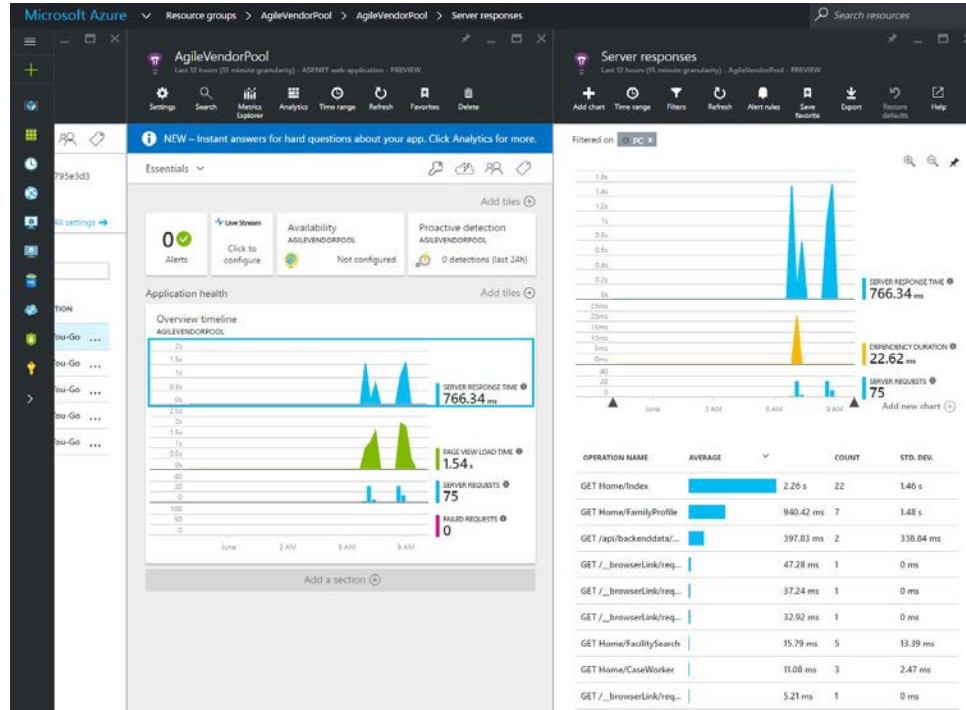
While there are more options available in the Azure hosting environment then makes sense to show in this document, TrinityTG felt it necessary to show some of the options that had been configured and how are DevOps team was able to browse the information and burrow into specifics to find what was happening in the environment.

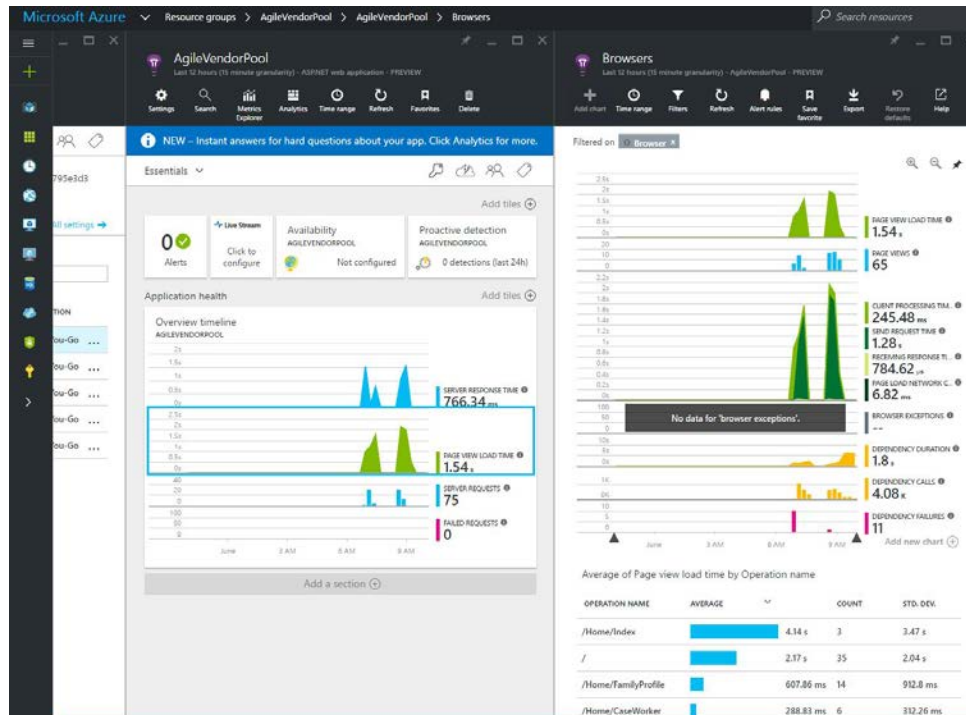The DevOps team starts with overall Application Health as shown below.

This view allowed them to see Server Response Time, Page View Load Time, Server Requests, and Failed Requests in a dashboard setting. From there they could select each of the categories and begin to see more details around that.
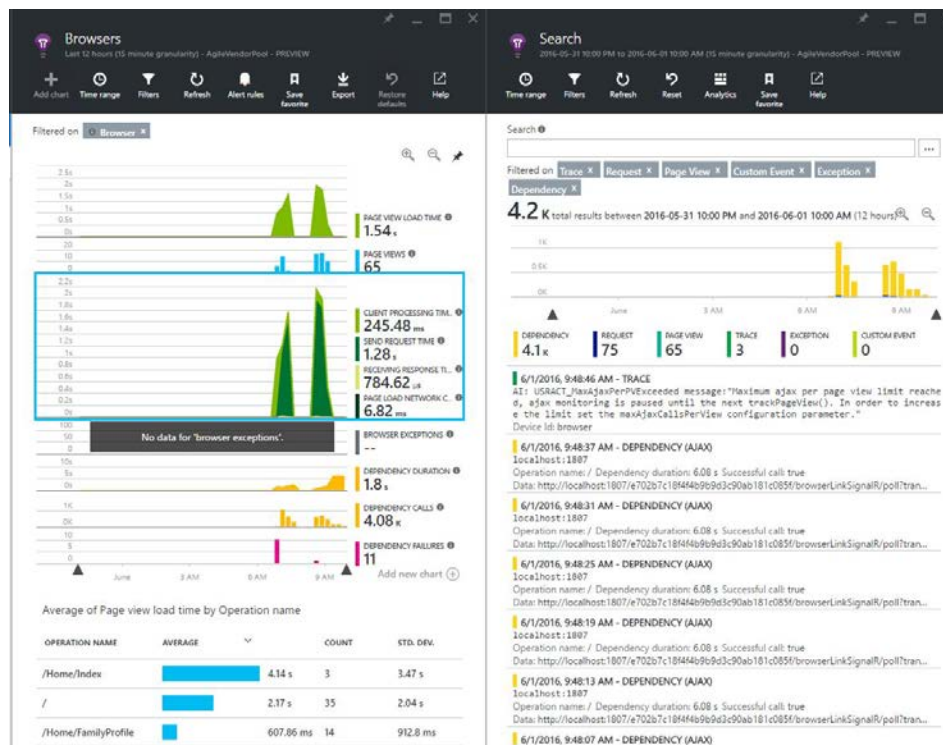
Below see the view the DevOps team was presented when selecting the Server Response Times.

Then followed by what they see when they selected the Page View Load Time

From there our DevOps team was able to see what was occurring with specific Page Requests that had registered exceptions. The monitoring was able to show them Stack Traces that outlined what was called during the execution of that page load.

Finally, regarding individual Page Views, the DevOps team was able to present our team information around load and execution times of each page view. This allowed the Development team to have insight into which pages, if any, were having trouble with loading issues. This allowed TrinityTG's team to ensure a performant experience for our user population.