# Article

## Configure an IIS Server To Use Application Insight

By **Abdul Rasheed Feroz Khan** on **May 31 2016**

### Introduction

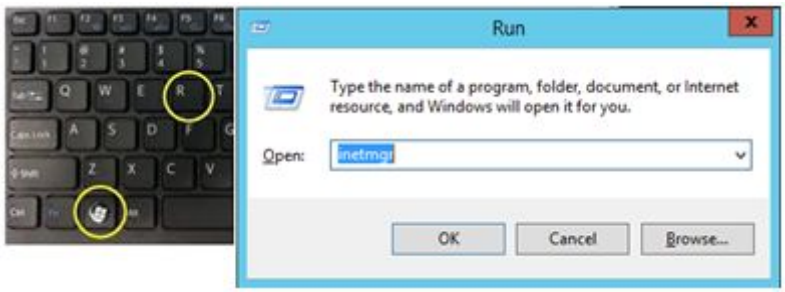
Do you have an existing On-Prem/Cloud environment in which you are running your enterprise application and want to use Application Insight to capture telemetry? With few simple steps, configure your server and get ready to start with Application Insights.

Click here to learn about Application Insights.

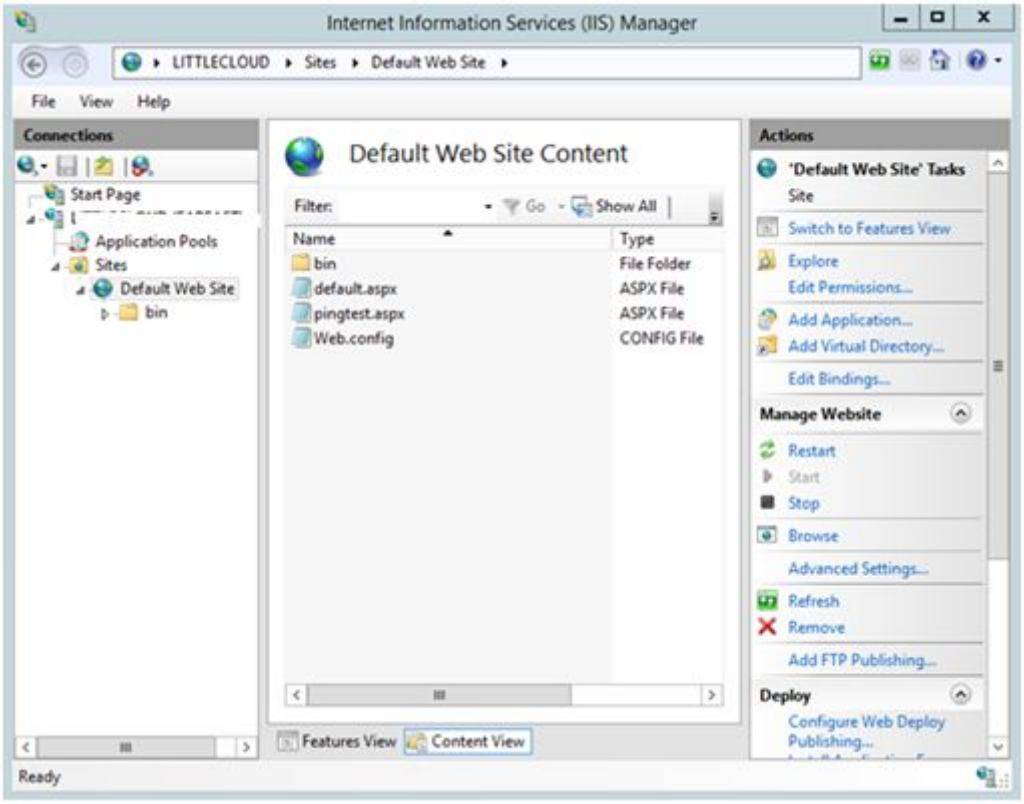
Click here for creating an Application Insight from Azure Management Portal.

Follow the below steps now:

**Step 1:** Open IIS manager by pressing "*Windows* + *R*" button, type in "*Inetmgr*" and click OK.

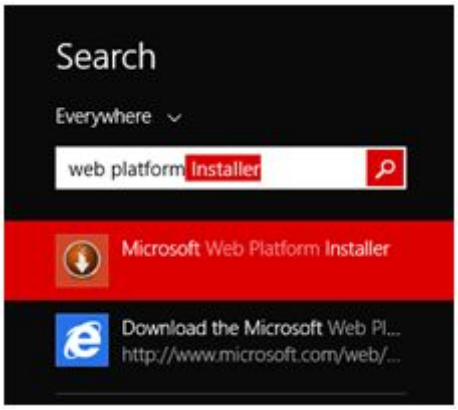



**Step 2:** In IIS Manager, click on "*Default Web Site*" and "*Content View*" at the bottom to verify the files.

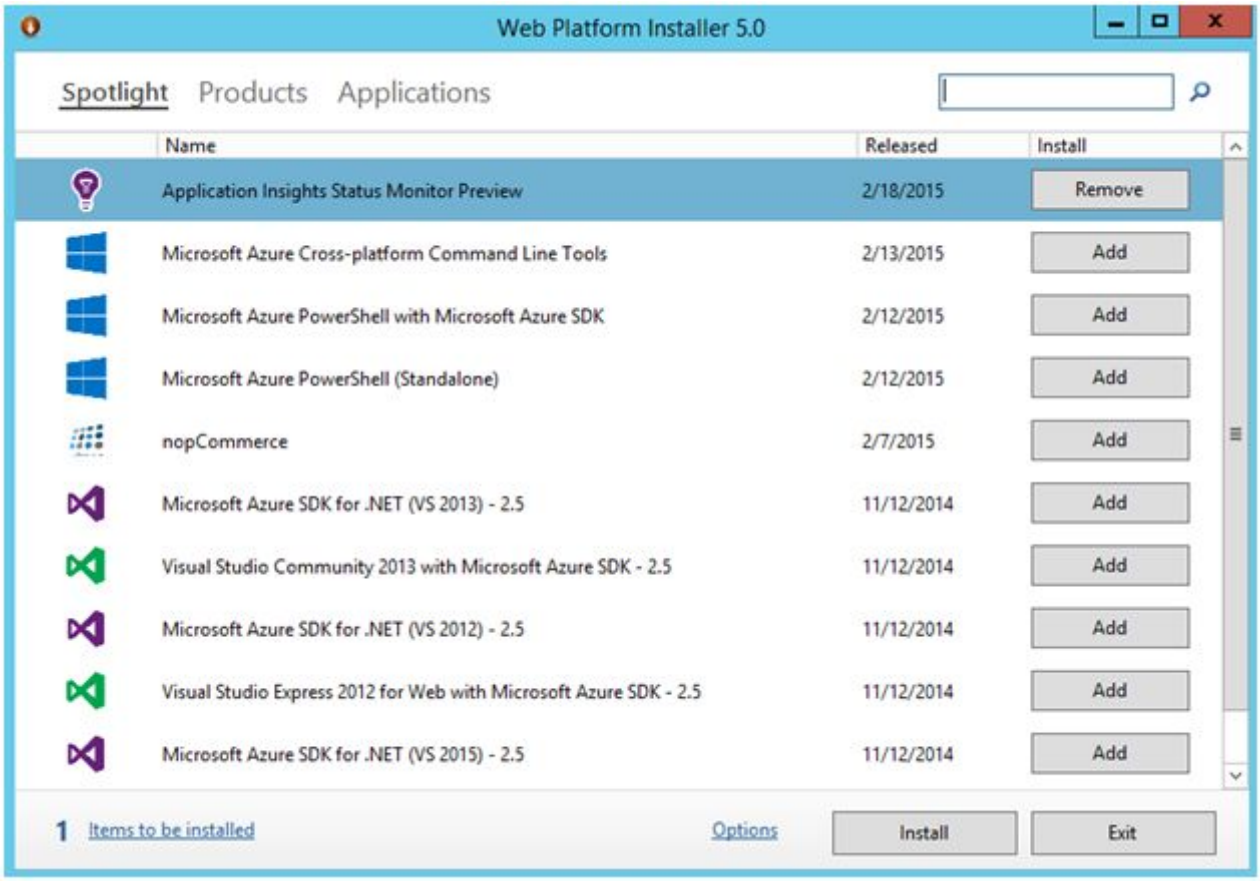



**Step 3:** To configure this server to use Application Insight, we would be installing the "*Application Insights Status Monitor*" on the server. Click on the link to download and install it.

You can also install it from "*Web Platform Installer*". Open the WebPI from Windows search by pressing "*windows*" button and just type "*Web platform Installer*".



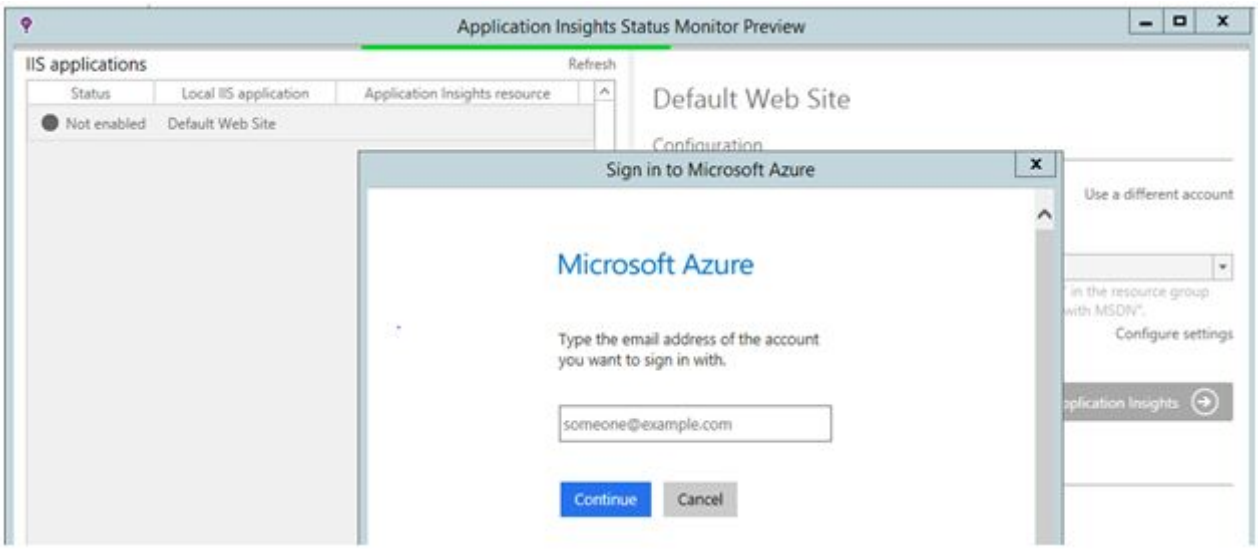

**Step 4:** In the WebPI window, type "*Application Insights*" in the server option. Select "*Application Insights Status Monitor Preview*", click on "*Add*" and "*Install*".



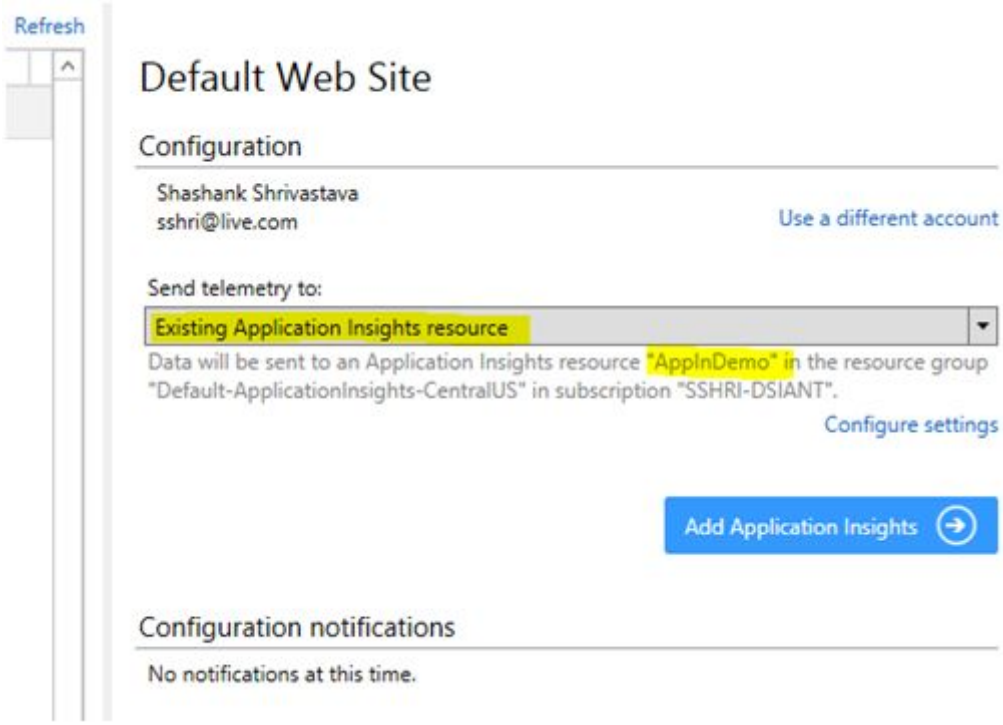

You can also install it from the local path we saved already.

"*C:\AzureConference\HOL-ApplicationInsight\ApplicationInsightsAgent.msi*"

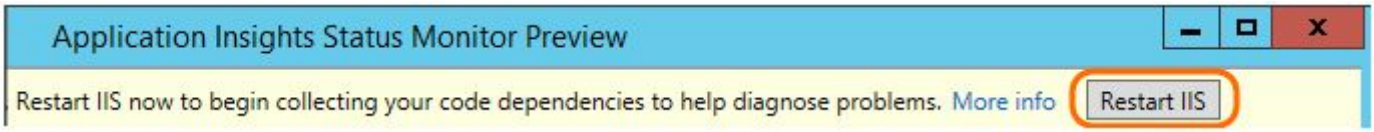
After installing, launch the "*Application Insights Status Monitor*" and "**Sign In**" with the Azure account provided to you:



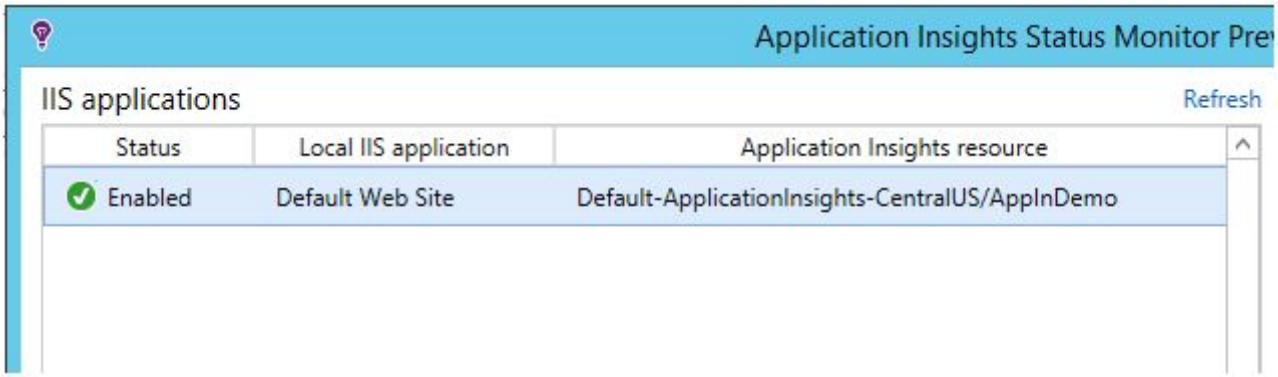

**Step 5:** After signing in, the "*Application Insights Status Monitor*" will show the list of Application Insight Resources. Select the resource you created in Lab-1 and click the button "*Add Application Insights*":



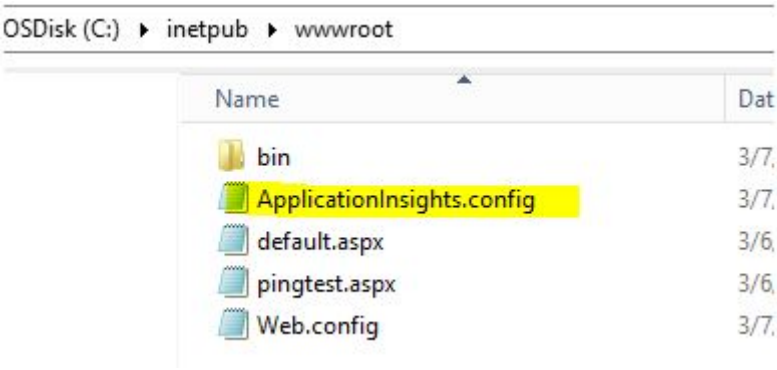

It will take a few seconds to configure the website to use "*Application Insights*" and will show a prompt in order to restart IIS:




After restarting IIS, the website status will turn to "*Enabled*" and it will start logging telemetry data to "*Application Insights*".



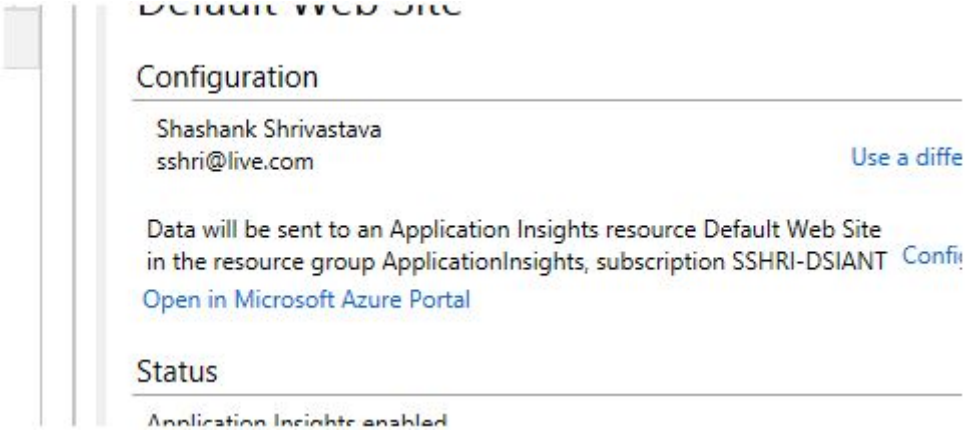

The Application Insights Status Monitor agent places a "*ApplicationInsights.config*" configuration file under your website directory and adds some configuration settings in Web.config file:



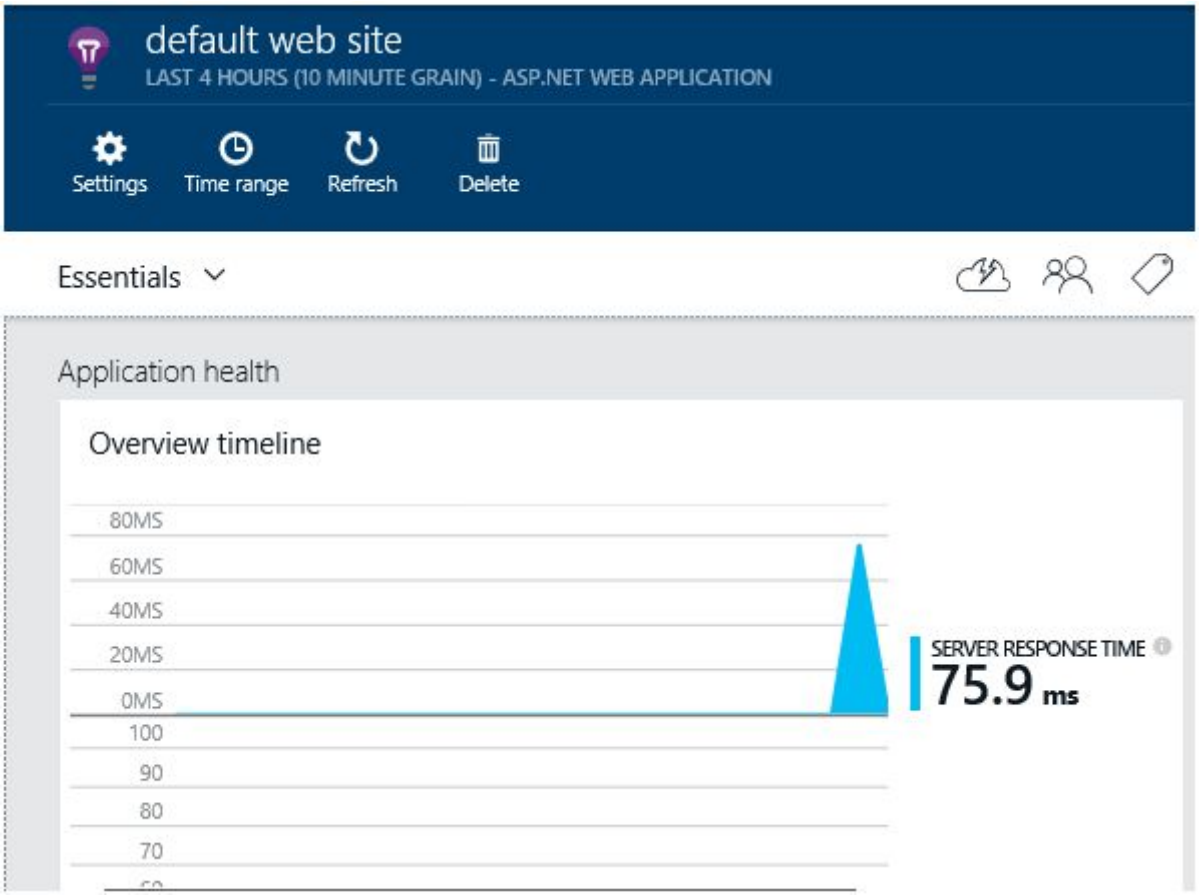

**Step 6:** Now, browse the following URL in browse tabs to start logging some telemetry data:

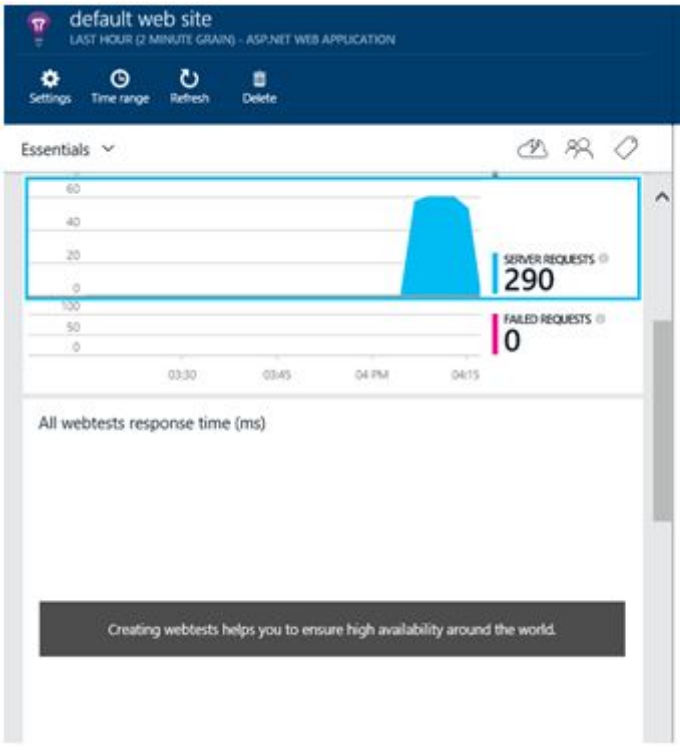
*http://localhost/default.aspx*
*http://localhost/pingtest.aspx*

Now, switch to "*Application Insight status monitor*" and click on "*Open in Microsoft Azure Portal*".

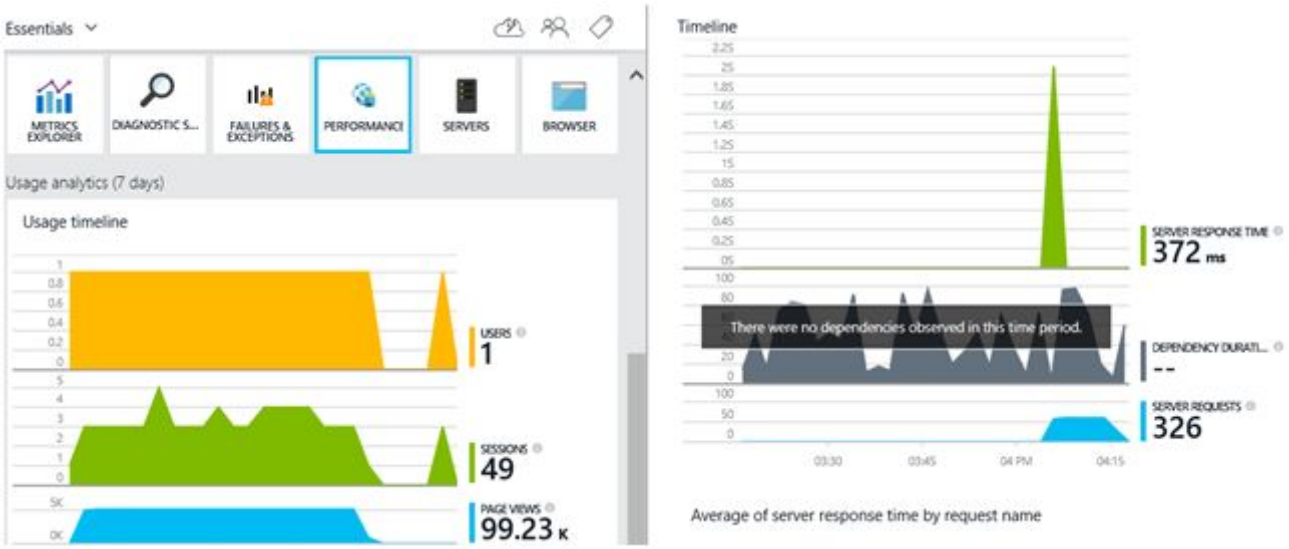



**Step 7:** Login to the portal and it will open the Application Insights resource in which we are logging the server's telemetry data:


default web site
LAST 4 HOURS (10 MINUTE GRAIN) - ASP.NET WEB APPLICATION
Settings
Time range
Refresh
Delete
Essentials
Application health
Overview timeline
80MS
60MS
40MS
20MS
0MS
100
90
80
70
SERVER RESPONSE TIME
75.9 ms


default web site
LAST HOUR (2 MINUTE GRAIN) - ASP.NET WEB APPLICATION
Settings
Time range
Refresh
Delete
Essentials
SERVER REQUESTS
290
FAILED REQUESTS
0
All webtests response time (ms)
Creating webtests helps you to ensure high availability around the world.


Metrics Explorer
LAST HOUR (2 MINUTE GRAIN) - DEFAULT WEB SITE
Add chart
Time range
Filters
Refresh
Alert rules
Reset
Timeline
SERVER REQUESTS
290
FAILED REQUESTS
0
PAGE VIEWS
--
There were no page views observed in this time period.
Total of server requests by request name
REQUEST NAME
TOTAL
% TOTAL
GET /pingtest.aspx
290
99.7 %
GET /Default.aspx
1
0.3 %




**Summary**

This Application Insight will help you to track the performance and usage of the Web Application that has been hosted on Microsoft Azure Service. You can also track adoption and usage with the pages, events, and metrics.

We will be working with Application Insights and attaching it towards existing ASP.NET Web applications in future posts.

Thank you for using C# Corner