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## Article

# Configure an IIS Server To Use Application Insight

By [Abdul Rasheed Feroz Khan](#) on **May 31 2016**

### Introduction

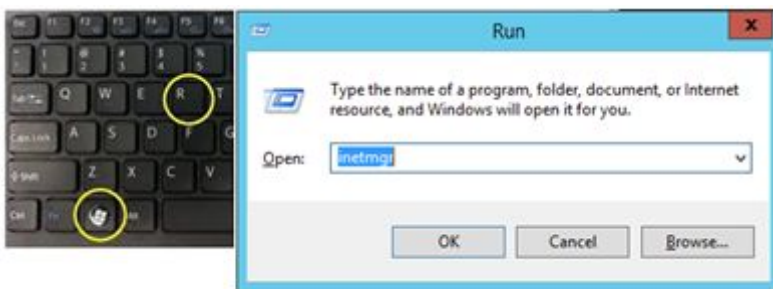
Do you have an existing On-Prem/Cloud environment in which you are running your enterprise application and want to use Application Insight to capture telemetry? With few simple steps, configure your server and get ready to start with Application Insights.

Click here to learn about [Application Insights](#).

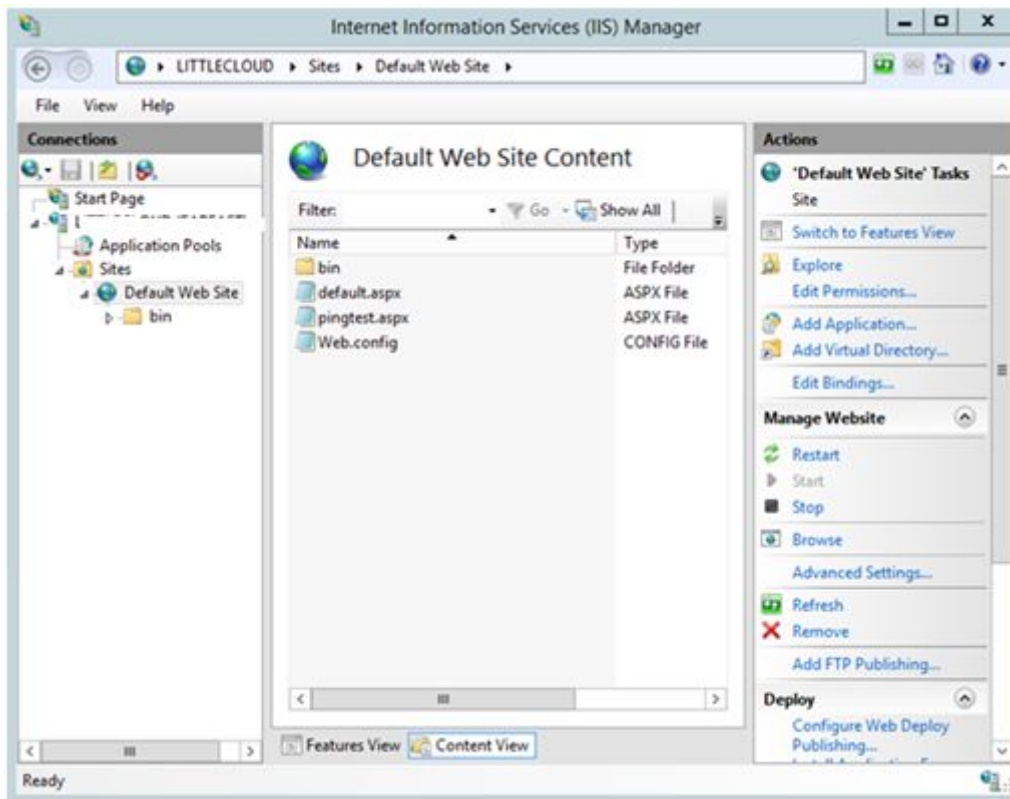
Click here for [creating an Application Insight from Azure Management Portal](#).

Follow the below steps now:

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



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

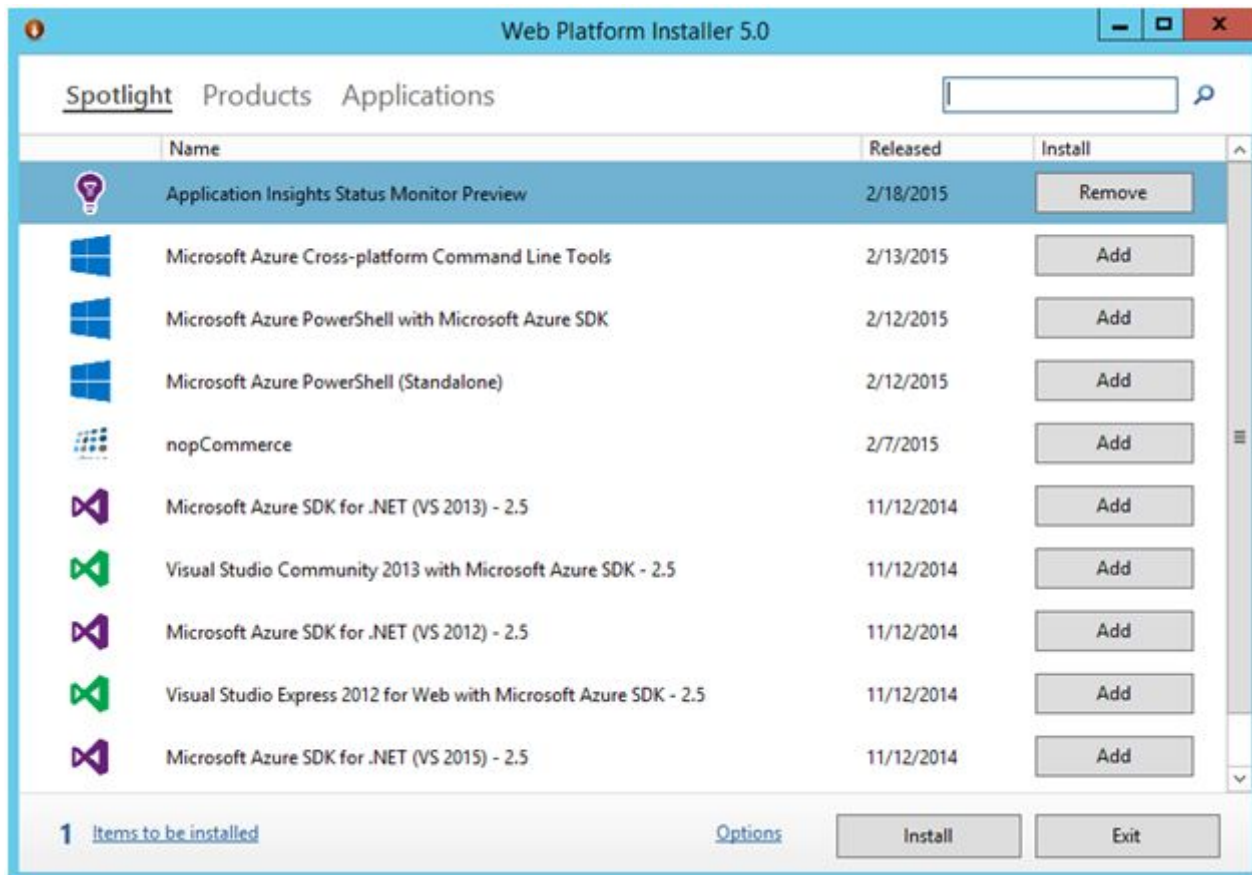


**Step 3:** To configure this server to use Application Insight, we would be installing the “*Application Insights Status Monitor*” on the server. Click on the [link](#) to download and install it.

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*”.



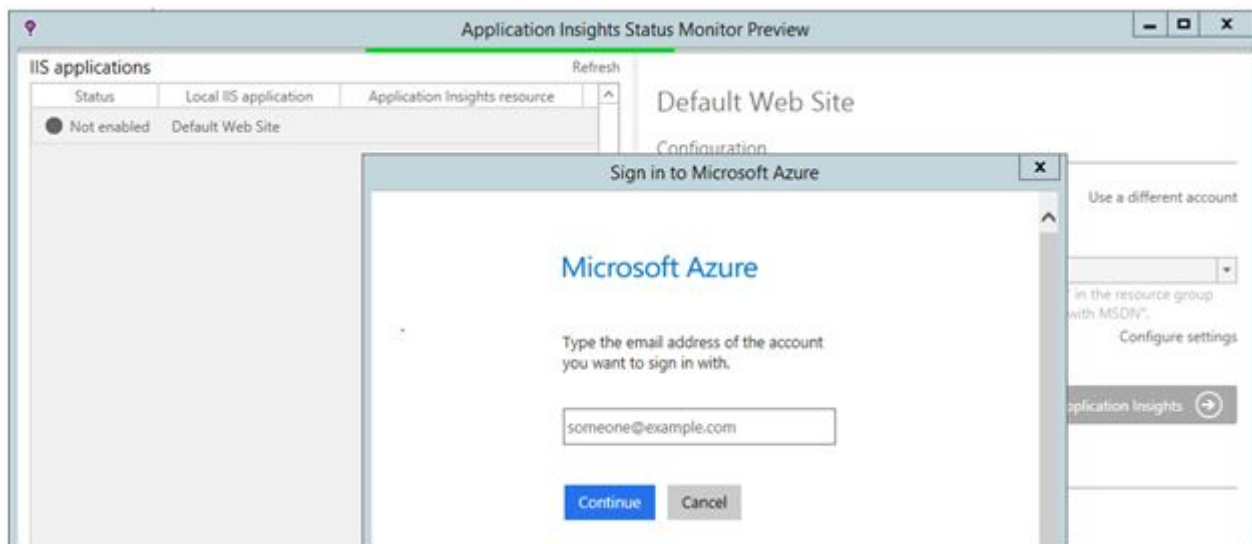
**Step 4:** In the WebPI window, type “*Application Insights*” in the server option. Select “*Application Insights Status Monitor Preview*”, click on “*Add*” and “*Install*”.



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"*:

The screenshot shows the 'Default Web Site' configuration page. At the top, there's a 'Refresh' button. Below it, the 'Configuration' section shows the user 'Shashank Shrivastava' with email 'sshri@live.com' and a link to 'Use a different account'. Under 'Send telemetry to:', a dropdown menu is set to 'Existing Application Insights resource'. Below this, a message states: 'Data will be sent to an Application Insights resource "AppInDemo" in the resource group "Default-ApplicationInsights-CentralUS" in subscription "SSHRI-DSIANT".' There is a 'Configure settings' link and a blue 'Add Application Insights' button with a right arrow. At the bottom, the 'Configuration notifications' section shows 'No notifications at this time.'

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

The screenshot shows a window titled 'Application Insights Status Monitor Preview'. It has a yellow background and contains the text: 'Restart IIS now to begin collecting your code dependencies to help diagnose problems. [More info](#) [Restart IIS](#)'. The 'Restart IIS' button is highlighted with a red circle.

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

The screenshot shows the 'Application Insights Status Monitor Preview' window with a table titled 'IIS applications'. The table has three columns: 'Status', 'Local IIS application', and 'Application Insights resource'. There is a 'Refresh' button in the top right corner of the table area.

| Status    | Local IIS application | Application Insights resource                   |
|-----------|-----------------------|---|
| ✓ Enabled | Default Web Site      | Default-ApplicationInsights-CentralUS/AppInDemo |

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:

OSDisk (C:) ▶ inetpub ▶ wwwroot

| Name                       | Date |
|----------------------------|------|
| bin                        | 3/7, |
| ApplicationInsights.config | 3/7, |
| default.aspx               | 3/6, |
| pingtest.aspx              | 3/6, |
| Web.config                 | 3/7, |

**Step 6:** Now, browse the following URL in browser 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”.

Default Web Site

### Configuration

Shashank Shrivastava  
sshri@live.com [Use a different account](#)


Data will be sent to an Application Insights resource Default Web Site in the resource group ApplicationInsights, subscription SSHRI-DSIANT [Configure](#)





[Open in Microsoft Azure Portal](#)

### Status

Application Insights enabled

**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



 **default web site**  
LAST HOUR (2 MINUTE GRAIN) - ASP.NET WEB APPLICATION

 Settings  Time range  Refresh  Delete

 **Metrics Explorer**  
LAST HOUR (2 MINUTE GRAIN) - DEFAULT WEB SITE

 Add chart  Time range  Filters  Refresh  Alert rules  Reset

Essentials ▾   



SERVER REQUESTS ①

**290**

FAILED REQUESTS ①

**0**

03:30 03:45 04 PM 04:15

All webtests response time (ms)

Creating webtests helps you to ensure high availability around the world.

Timeline



SERVER REQUESTS ①

**290**

FAILED REQUESTS ①

**0**

PAGE VIEWS ①

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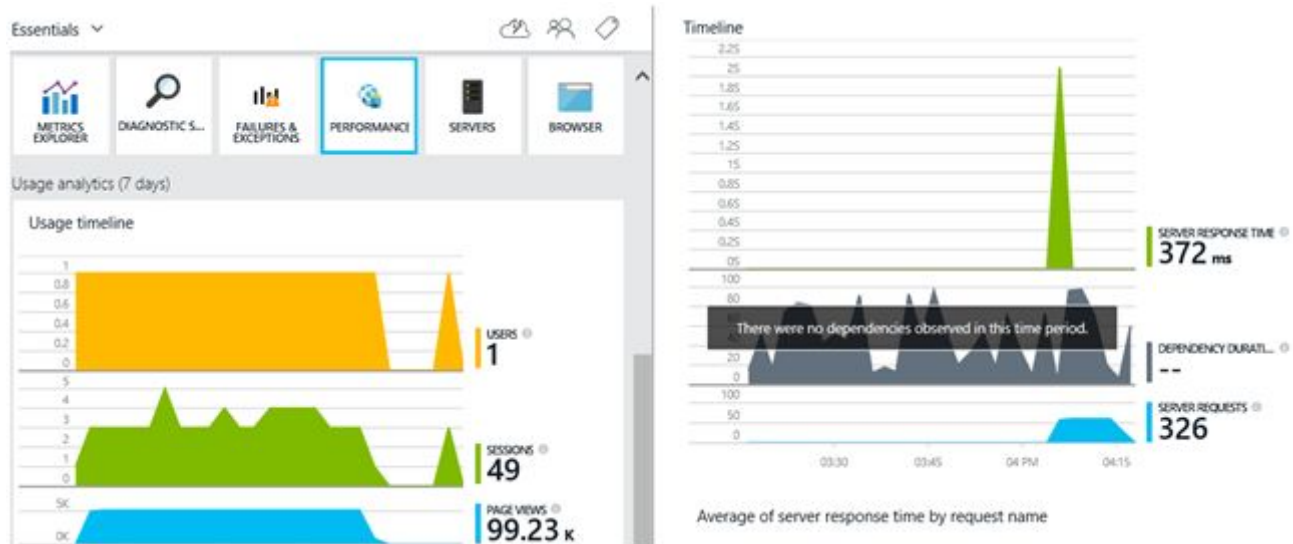
03:15 03:30 03:45 04 PM 04:15

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