

## 1. Azure Web Job

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using Microsoft.Azure.WebJobs;
using System.Threading;

namespace APM.NewRelic.Webjob
{
    // To learn more about Microsoft Azure WebJobs SDK, please see http://go.microsoft.com/fwlink/?LinkID=32
    0 references
    class Program
    {
        // Please set the following connection strings in app.config for this WebJob to run:
        // AzureWebJobsDashboard and AzureWebJobsStorage
        0 references
        static void Main()
        {
            CallingClass1 calling1 = new CallingClass1();
            calling1.CallingMethod1();

            //Thread.Sleep(10000);

            CallingClass2 calling2 = new CallingClass2();
            calling2.CallingMethod2();
        }
    }
}
```

## 2. Calling Function in Calling Class 1 (Transaction + Error Mechanism Added)

```

using System.Threading;
using APMAgent = NewRelic.Api.Agent;

namespace APM.NewRelic.Webjob
{
    2 references
    class CallingClass1
    {
        1 reference
        [APMAgent.Transaction]
        public void CallingMethod1()
        {
            try
            {
                Thread.Sleep(20000);
                Console.WriteLine("I am in Calling Method 1");
                Thread.Sleep(50000);
                CallingMethod3();
                throw new Exception("Exception is happening here from Method 1");
            }
            catch (Exception ex)
            {
                APMAgent.NewRelic.NoticeError(ex);
            }
        }

        1 reference
        private void CallingMethod3()
        {
            try
            {
                Thread.Sleep(45000);
                Console.WriteLine("I am in Calling Method 3");
                Thread.Sleep(30000);
                throw new Exception("Exception is happening here from Method 3");
            }
            catch(Exception ex)
            {
                APMAgent.NewRelic.NoticeError(ex);
            }
        }
    }
}

```

### 3. Calling Function in Calling Class 2 (Transaction + Error Mechanism Added)

```

using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading;
using APMAgent = NewRelic.Api.Agent;

namespace APM.NewRelic.Webjob
{
    2 references
    class CallingClass2
    {
        1 reference
        [APMAgent.Transaction]
        public void CallingMethod2()
        {
            try
            {
                Thread.Sleep(60000);
                Console.WriteLine("I am in Calling Method 2");
                Thread.Sleep(60000);
                throw new Exception("Exception is happening here from Method 2");
            }
            catch (Exception ex)
            {
                APMAgent.NewRelic.NoticeError(ex);
            }
        }
    }
}

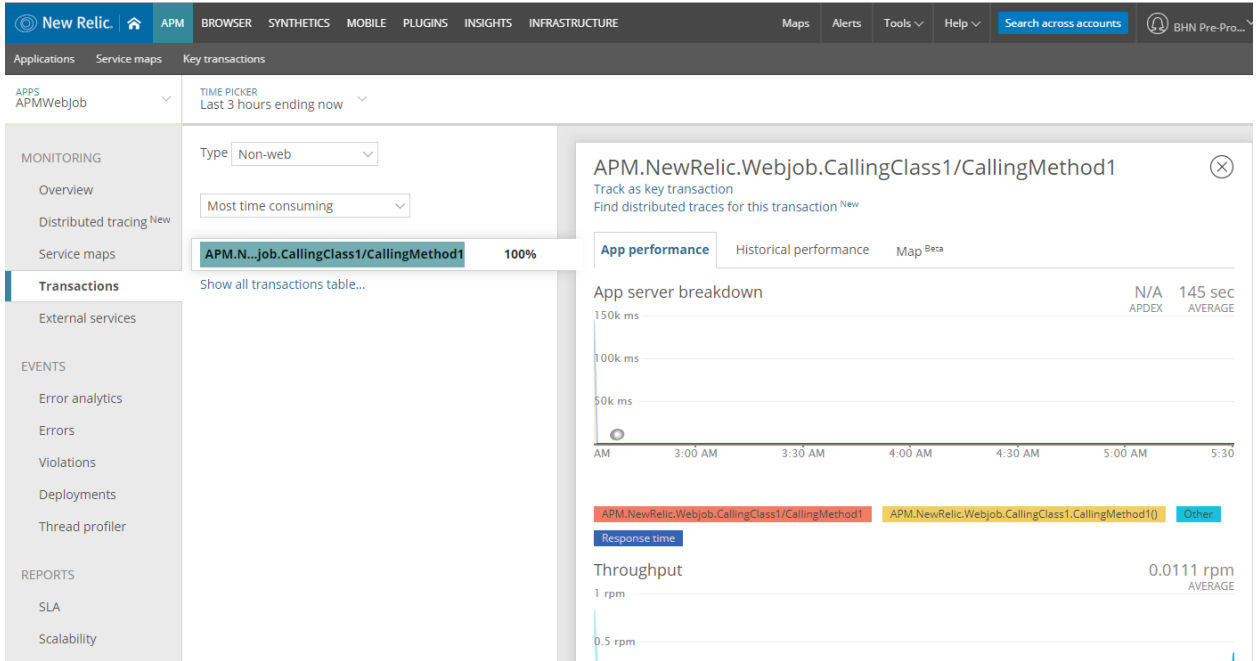
```

- Following is getting captured in New Relic

### **Transaction**

CallingMethod1() is getting captured as Transaction in New Relic as evident from screenshot. CallingMethod2() is not showing as Transaction even it has Transaction attribute mentioned.

**Why is it so?**



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Export as [CSV](#)

Type: Custom

Transaction	Count	Avg (ms)	SD (ms)	Min (ms)	Max (ms)	Total (ms)	Total (% time)
All transactions in this table	1	145,000	0	145,000	145,000	145,000	100.0
APM.NewRelic.Webjob.CallingClass1/CallingMethod1	1	145,000	0	145,000	145,000	145,000	100.0

## Errors analytics

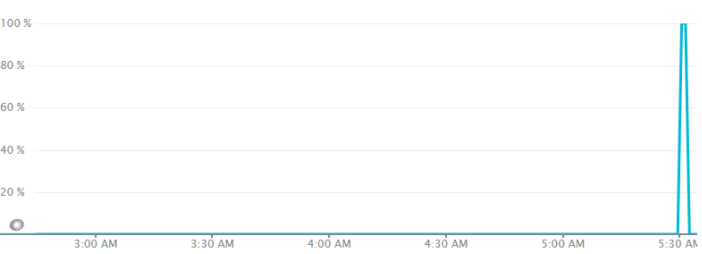
It is showing exception coming from CallingMethod3() function as marked in Red. However same exception code has been applied for CallingMethod1(), CallingMethod2() but none of them is showing in Error Analytics.

## **Why is it so?**

- MONITORING
  - Overview
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- EVENTS
  - Error analytics
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- REPORTS
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This page is being retired in favor of the Error analytics experience in the future. Check out the new Error analytics page in the left-hand navigation to try out the new features. All Enterprise, Pro, Startup, and Small Business customers with our latest New Relic Agents already have access to Error analytics, and have the ability to filter and group by different attributes.

### Error rate (errors per request)



Search options

URL name or type

Sort by   
Count

Source   
All

First	Last	Tickets	URL and type	Message	Count
5:31 am			APM.NewRelic.Webjob.CallingClass1/CallingMethod1 System.Exception	Exception is happening here from Method 3	1