Type '***' is not marked as serializable

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Issue

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System.Reflection.TargetInvocationException: Exception has been thrown by the target of an invocation. --->
System.Runtime.Serialization.SerializationException: Type
'Microsoft.Azure.Management.DataLake.Store.Models.AdlsErrorException' in Assembly
'Microsoft.Azure.Management.DataLake.Store, Version=2.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35' is not marked as serializable.

Cause

Customer creates a Cross AppDomain .NET Activity. The application is in a separated AppDomain and the contract cross AppDomain should be Serializable. Now the problem is that some exception related to ADLS throwed inside your app domain but it is not Serializable. You can catch the exception inside and throw serializable exception.

Resolution

The exception is not serializable, so customer cannot see the exception details. To resolve this issue, customer need to catch the exception in their code and log down all the exception message to help trouble shoot.

```
Try
{
      //customer's code
}
catch(Exception ex)
{
       Logger.Write("Exception Type: " + ex.GetType().Name);
      Logger.Write("Error message: " + ex.Message);
    Logger.Write("StackTrace: " + ex.StackTrace);

      PrintEx(ex);

      Throw ex;
}
```

```
public static void PrintEx(Exception exception)
    {
        AggregateException aggregateException = exception as AggregateException;
        if (aggregateException != null)
        {
            foreach (var e in aggregateException.InnerExceptions)
                PrintEx(e);
        }

        Logger.Write(String.Format("{0}:{1}\n {2}", exception.GetType().Name, exception.Message,
    exception.StackTrace));
    }
```

Additional Information:

- **Icm References:** https://icm.ad.msft.net/imp/v3/incidents/details/59286685/home ↗
- **Author:** xiaoyz
- **Reviewer:** vimals
- **Keywords:**

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