Cannot recognize some linked services (SFTP, FTP, HTTP, etc.) in customer's dll

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Issue

Cannot recognize some linked services (SFTP, FTP, HTTP etc.) in customer's dll. Getting error:

System.InvalidCastException: Unable to cast object of type 'Microsoft.Azure.Management.DataFactories.Models.CustomDataSourceLinkedService' to type 'Microsoft.Azure.Management.DataFactories.Models.**'.**

Cause

It is a known issue in ADF v1 custom activity. Some linked services are recognized as "CustomDataSourceLinkedService" and some linked services can be recognized as its own linked service such as azure storage, sql server, azure bath and etc.

Resolution

To work around this issue, you can suggest customer using CustomDataSourceLinkedService instead of SftpLinkedService(or other linked services).

```
inputLinkedService = linkedServices.First(
    linkedService =>
    linkedService.Name ==
    inputDataset.Properties.LinkedServiceName).Properties.TypeProperties
    as CustomDataSourceLinkedService;
foreach (var entry in inputLinkedService.ServiceExtraProperties)
{
    logger.Write("<key:{0}> <value:{1}>", entry.Key, entry.Value);
}
```

Then customer can get all the properties in **SftpLinkedService**.

Additional Information:

- **Icm References:** https://icm.ad.msft.net/imp/v3/incidents/details/55783482/home ↗

- **ICM References:** ~~https://icm.ad.msft.net/imp/v3/incidents/details/99705402/home~~
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