

Unable to register the self-hosted IR on a new Machine when get_LoopbackIpOrName

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Unable to register the self-hosted IR on a new Machine when get_LoopbackIpOrName

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2:54 PM

SME	Tong Wu(tongwu); Written by Brian Wang
Symptoms	<div>Unable to register the self-hosted IR on a new Machine when get_LoopbackIpOrName</div> <div>=====</div> <div>DEBUG:</div> <div>A runtime error has occurred</div> <div>The type initializer for 'Microsoft.DataTransfer.DIAgentHost.DataSourceCache' threw an exception.</div> <div>A non-recoverable error occurred during a database lookup</div> <div>Exception detail:</div> <div>System.TypeInitializationException: The type initializer for 'Microsoft.DataTransfer.DIAgentHost.DataSourceCache' threw an exception. ---></div> <div>System.Net.Sockets.SocketException: A non-recoverable error occurred during a database lookup</div> <div>at System.Net.Dns.GetAddrInfo(String name)</div> <div>at System.Net.Dns.InternalGetHostByName(String hostName, Boolean includeIPv6)</div> <div>at System.Net.Dns.GetHostEntry(String hostNameOrAddress)</div> <div>at Microsoft.DataTransfer.DIAgentCommon.HostProductSettings.get_LoopbackIpOrName()</div> <div>at Microsoft.DataTransfer.DIAgentCommon.HostProductSettings.get_HostSslLoopbackBaseAddr</div> <div>at</div> <div>Microsoft.DataTransfer.DIAgentCommon.HostProductSettings.get_HostServiceLoopbackBaseAddr</div> <div>at Microsoft.DataTransfer.DIAgentClient.HostServiceProvider..ctor()</div> <div>at</div> <div>Microsoft.DataTransfer.DIAgentHost.InProcClient.StaticInProcServiceProvider.get_InProcServicePip</div> <div>at Microsoft.DataTransfer.DIAgentHost.DataSourceCache..ctor()</div> <div>at Microsoft.DataTransfer.DIAgentHost.DataSourceCache..cctor()</div> <div>--- End of inner exception stack trace ---</div> <div>at Microsoft.DataTransfer.DIAgentHost.HostService.OnStop()</div> <div>at Microsoft.DataTransfer.DIAgentHost.Program.Main(String[] args)</div> <div>=====</div>
Cause	<div>// get IPv4 first</div> <div>var ip = System.Net.Dns.GetHostEntry("localhost")</div> <div>.AddressList.FirstOrDefault(ipa => ipa.AddressFamily == AddressFamily.InterNetwork);</div> <div>// get IPv6</div> <div>ip = System.Net.Dns.GetHostEntry("localhost")</div> <div>.AddressList.FirstOrDefault(ipa => ipa.AddressFamily == AddressFamily.InterNetworkV6)</div> <div>If you check ADF source code, you can see the issue is happening when resolving localhost</div>
Resolution	localhost to host file and resolved such issue
More Information	From < https://icm.ad.msft.net/imp/v3/incidents/details/152638410/home >

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