

Does ADF Self-hosted IR require Internet Access even when private endpoint is in place

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

Contents

• Issue

• Customer scenario:

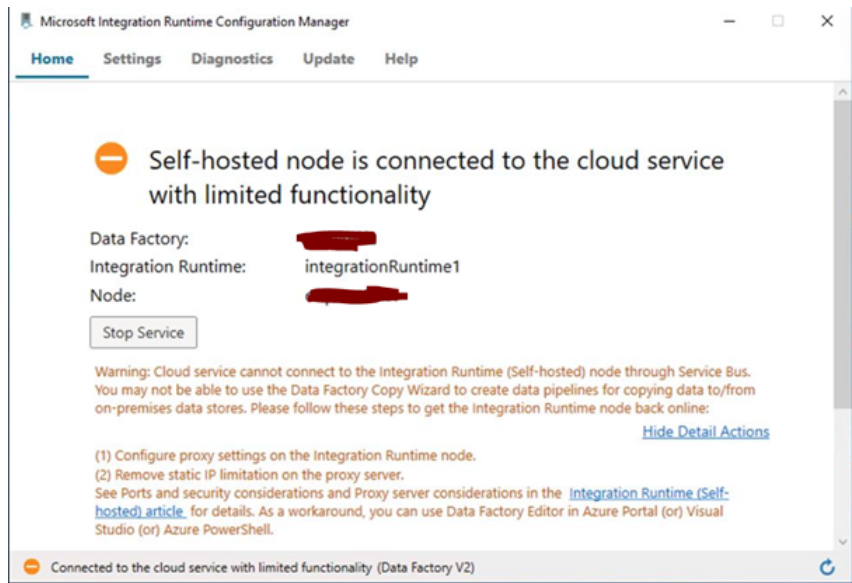
• Cause and Resolution:

Issue

Does ADF Self-hosted IR require Internet Access even when private endpoint is in place?

Customers who configured ADF with a private endpoint connection may encounter the below error after blocking internet on the SHIR VM.

Self-hosted node is connected to the cloud service with limited functionality



Customer scenario:

Customers configures ADF with a private endpoint connection, then installs the self-hosted IR on a VM running in the same VNET. The VM doesn't have access to Internet. They are able to successfully register the IR with ADF, and the service starts, however it is in Limited availability. As soon as they open the Internet route for the VM, the service becomes fully functional.

Cause and Resolution:

Certain scenarios do not work with just Private Endpoint for ADF. For functionality that's not currently supported, we still need to configure the below mentioned domain and port in the virtual network or the corporate firewall.

*.servicebus.windows.net	443	Required by the self-hosted integration runtime for interactive authoring.
download.microsoft.com	443	Required by the self-hosted integration runtime for downloading the updates.


• Interactive authoring that uses a self-hosted integration runtime, such as test connection, browse folder list and table list, get schema, and preview data. This needs *.servicebus.windows.net. If customers do not want to add a wild card entry for *.servicebus.windows.net, click the **View Service URLs** in the portal to get the full list instead of *.servicebus.windows.net.


ADF Portal -> Manage -> Integration Runtimes -> Edit SHIR -> Nodes -> View Service URLs

Edit integration runtime

SettingsNodesAuto updateSharing

66 View Service URLs ⓘ

Name	Status	IP address ⓘ	Limit concurrent jobs	Actions
	Running	Get IP address	16 	 

• The new version of the self-hosted integration runtime can be automatically downloaded from Microsoft Download Center if you enable Auto Update. This needs [download.microsoft.com](#) . Customers can skip this if they do not want to enable automatic updates of IR.

Currently there is no way to block all outbound communication of SHIR through public network if you need interactive authoring and auto-upgrade. These will be supported in near future (no ETA right now).

Additional Information:

- **Icm References:**
- **Author:** jiputhoo
- **Reviewer:** vimals
- **Keywords:**

How good have you found this content?

