

# HDI BYOC connection issues

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## Issue

If test connection fails to HDI cluster with **socket connection refused** or similar error. Follow the steps in resolution section:

## Resolution

1. First ask the customer if their cluster is in a VNet. If YES, tell them to change the HDI URL to have -int after the cluster name, which the private endpoint for HDIs in VNet. Example "<https://hvtest.azurehdinsight.net/> ☐" should be changed to "<https://hvtest-int.azurehdinsight.net/> ☐"
2. If they are using self-hosted IR, tell them to connect to their VM hosting the IR, and open the HDI URI in a browser. It should open the Ambari UI. If this doesn't work, then the HDI is not accessible from the IR, and can't work from ADF. They need to work with HDI team or Azure Network team to make it accessible first. Make sure to tell them to use the private endpoint for the cluster if their cluster is in VNet.
3. **Do not try to recreate the customer's scenario.** The connection issues are specific to the customer's setup, chances are your setup will work, but you will not help the customer in any way. This only delays the resolution.

## Additional Information:

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

## How good have you found this content?

