

SHIR outbound connections

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3:22 PM

SME																							
Symptoms	<div><p>Customer would see below outbound HTTP connections for a SHIR:</p><table><tr><th>Service Endpoint</th><th>Purpose</th><th>Comments</th></tr><tr><td>*.frontend.clouddatahub.net</td><td>ADF service</td><td></td></tr><tr><td>download.microsoft.com</td><td>SHIR latest bits</td><td>Customer may see the IP coming from akamaitechnologies.com which is one of Microsoft download center CDN provider</td></tr><tr><td>*.servicebus.windows.net</td><td>Test Connection/Preview Data</td><td></td></tr></table><p>Customer don't want to whitelist a wildcard of endpoint, click the View Service URLs in the portal to get the full list instead of *.servicebus.windows.net & *.frontend.clouddatahub.net</p><p>Integration runtime: a [REDACTED]</p><div><div>Settings</div><div>Nodes</div><div>Auto update</div><div>Sharing</div></div><div><div>🔗 View Service URLs ⓘ</div></div><table><tr><th>NAME</th><th>STATUS</th><th>IP ADDRESS ⓘ</th><th>LIMIT CONCURRENT JOBS</th><th>ACTIONS</th></tr><tr><td>[REDACTED]</td><td>Running</td><td>Get IP address</td><td>6 </td><td> </td></tr></table></div>	Service Endpoint	Purpose	Comments	*.frontend.clouddatahub.net	ADF service		download.microsoft.com	SHIR latest bits	Customer may see the IP coming from akamaitechnologies.com which is one of Microsoft download center CDN provider	*.servicebus.windows.net	Test Connection/Preview Data		NAME	STATUS	IP ADDRESS ⓘ	LIMIT CONCURRENT JOBS	ACTIONS	[REDACTED]	Running	Get IP address	6	
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Cause	<div><p>if customer find an unknown IP: Use dnslookup to find the server name, take one download center IP for exmpale:</p><pre>C:\windows\system32>nslookup : .21 Server: !.corp.microsoft.com Address: 2001:4898::1050:5050 Name: [REDACTED].static.akamaitechnologies.com Address: .21</pre><p>If customer could not whitelist domain names, but instead IP: Just do nslookup for all the service urls retrieved from portal</p><p>If one of the service urls could not be resolved to a specific IP, meaning that service bus hasn't used it yet, customer could ignore that firstly, but customer need to update it later to see whether the service url is been mapped to a static IP. (Service bus reserves 128 server names for each namespace, but they may not use them all)</p><pre>nslookup [REDACTED]-sb.servicebus.windows.net DNS request timed out. timeout was 2 seconds. Server: UnKnown Address: 2001:4898::1050:5050 *** UnKnown can't find g127-prod-db4-005-sb.servicebus.windows.net: Non-existent domain</pre></div>																						
Resolution																							
More Information																							
Tags																							

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