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How to set up a remote connection to Lasernet 10.2 server from a local machine

Kacper Dylewski - 2023-09-15 - Comments (0) - Lasernet General Information

Lasernet

This article describes the setup required to remotely connect to a Lasernet server from a local machine, enabling you to make development changes on your local machine and deploy them to your remote Lasernet server.

Ensure the Lasernet Server has a public IP address associated with it and a Fully Qualified Domain Name (FDQN). The Lasernet Server and Lasernet Web Client must be installed on your Lasernet server.

Lasernet Server Setup 1. Stop the following Lasernet Services in services.msc.

Services				_		×
File Action View	Help					
	à 🗟 🚺 🖬 🕨 💷 🕪					
Services (Local)	Services (Local)					
	Lasernet 10 (DefaultTest:3279)	Name	Description	Status	Startup Typ	e ^
		🔯 Lasernet 10 (DefaultTest:3279)			Automatic	
	Start the service	🔍 Lasernet Config 10	The Lasernet		Automatic	
		🧟 Lasernet Dictionary 10 (Dictionary:33443)		Running	Automatic	-
		🎑 Lasernet Meta Proxy 10	Allows multi	Running	Automatic	
		🔍 Lasernet Print Capture 10	The Lasernet	Running	Automatic	
		🞑 Lasernet Web Client 10	The Lasernet		Automatic	
		·				`
		`				,

- 2. Navigate to C:\ProgramData\Formpipe Software\Lasernet 10\Config\Default
- 3. Open 'ServerSettings.json' with Notepad/Notepad++.
- 4. Under the Server Name add the FQDN and save the changes.

	ServerSetti	ngs.json - Notepad
File	Edit	View
{	"Serv	ice": { "Bindings": [{ "Hostname": "localbost"
		<pre>},{ "Hostname": "servername" },{ "Hostname": "severname.local.cloudapp.azure.com", </pre>
}	}	}],

5. Start the Lasernet Services within services.msc.

6. Open the 'config.lnlog' within C:\ProgramData\Formpipe Software\Lasernet 10\Config\Default. This is the log for the configuration server.

7. Ensure the "Listening on <u>https://servername.local.cloudapp.azure.com:33443/</u>" with your FQDN is visible.

*Config.Inlog - Notepad	- 🗆	×
File Edit Format View Help		
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Ln 225, Col 1 100% Windows (CRLF)	UTF-8	

Ports

In order to reach your Lasernet server remotely, you must allow the connection to the Lasernet port. The default Lasernet 10 port is 33443.

Please reach out to your IT department regarding the following steps as your security settings may need adjusting.

For example, below is the newly opened inbound port in Windows Defender Firewall:

🔗 New Inbound Rule Wizard						\times
Name						
Specify the name and description of	of this rule.					
Steps:						
Rule Type						
Protocol and Ports						
Action					_	
Profile		Name:				
Name		Lasemet33443				
		Description (optional):				
			< Back	Finish	Cancel	

Hosted on Azure

If your server is hosted in Azure, you will need to add an NSG inbound port rule.

Inbound port rules Outbound port rules Application security groups Load balancing							
Impacts 1 subnets, 1 netwo	ork interfaces						
Priority	Name	Port	Protocol	Source	Destination	Action	
100	A Rdp0	3389	TCP	Any	Any	 Allow 	
200	HTTP	80	тср	Any	Any	Allow	
210	FILES	8080	тср	Any	Any	Allow	
220	HTTPS	443	тср	Any	Any	Allow	

Ensure you open port **33443** and pick **TCP**.



Source 🛈	
Any	\sim
Source port ranges *	
Destination ①	
Any	\sim
Service (i)	
Custom	\sim
Destination port ranges * ①	
33443	
Protocol	
O Any	
TCP	
Action	
Allow	
O Denv	
0	
Priority * 🛈	
310	~
Namo	
Lasemetcomig	
Description	
Remote Access for Lasernet Developer and Config Server	
Saus Canad	Gr Cive feedback
Cancel	X. Give reedback

Accessing Lasernet Web Portal with FQDN

You can access the Web Portal by browsing "https://FQDN:33443/lasernet/". In our example

the FQDN is "servername.location.cloudapp.azure.com", but yours may vary.

If the "Your connection isn't private" error shows up, select **advanced**, and press "continue to FQDN.com (unsafe)".

D Prince war y +		_	- 0	×
Y U g nttps://servername.sociation.coudappazure.com.ss444s/ssernet/				
	Your connection isn't private			
	Tour connection isn't private			
	Attackers might be trying to steal your information from			
	нетчетвалисьнованованование контурствание соот постеханира с раззмотор, пеззание с от стехия сагозу.			
	Hide advanced Go back			
	This server couldn't prove that it's servername.location.cloudapp.azure.com, its security			
	certificate is not trusted by your computer's operating system. This may be caused by a			
	misconfiguration or an attacker intercepting your connection.			
	Continue to servename location.cloudapp.azure.com (unsafe)			

Connecting to the Lasernet Server from Lasernet Developer on a local machine 1. Install Lasernet Developer on your local machine and load a valid license into the Developer License manager.

- 2. Launch Lasernet Developer on your local machine.
- 3. Set the server to the FQDN of the server that you created previously and click connect.



Connect to Lasernet

Server:	servername.location.cloudapp.azure.com	×	•
	Remember me?		



×

4. Enter your login credentials.

Back

For Las	mpipe. Sernet		- ×
	Sign in		
	Username		
	Password		
		Next	
		Lasernet 10.3.0 (Build: 3)	

The Lasernet Developer on your local machine is now connected to your Lasernet server. You can make developments on the Lasernet developer locally. Any objects that you create will be saved and deployed on the Lasernet server. Verify successful connection

- 1. Commit and deploy changes on the local machine.
- 2. Go to the browser and access the Web Portal.
- 3. Login, select Configurations and then select your Configuration.



4. Select **Revisions,** and ensure that your Revision displays the correct Date and Author.

General Revis	sions	Configuration Properties		×
Revision	Date	Message	Author	
2	📅 9/2/2022, 7:10:58 PM	Update Azure Service Bus Input	🙎 Designer 1	
1	₩ 9/2/2022, 7:02:07 PM	Created configuration	2 Administrator	
			OK Car	ncel