Configure for MS SQL Server 2012

Follow the instructions up to Step 2, as documented in Configure for MS SQL Server 2005. Then, we will need to enable the listener port necessary for Joget to establish a connection to.

Step 3: Enabling TCP/IP on Microsoft SQL Server 2012

Sql Server Configuration Manager		Running	on more	
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 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Server Network Configuration Protocols for SQLEXPRESS SQL Native Client 11.0 Configuration 	Protocol Name Shared Memory Named Pipes	Status Enabled Enabled		

Figure 1: Sql Server Configuration Manager

- 1. Enable named pipes and TCP/IP.
- 2. Open up TCP/IP Properties.

	IP Addresses		•
	Active	Yes	
	Enabled	Yes	
	IP Address	192.168.2.105	
	TCP Dynamic Ports		
	TCP Port	1433	
Ξ	IP3		_
	Active	Yes	
	Enabled	No	=
	IP Address	fe80::5882:f8f1:a270:e462%1	1
	TCP Dynamic Ports	0	
	TCP Port		
Ξ	IP4		
	Active	Yes	
	Enabled	No	
	IP Address	169.254.228.98	
	TCP Dynamic Ports	0	-
	TCD Dort		
	Address		
IP	address		

Figure 2: IP2 - TCP/IP Properties Under Protocols for SQLEXPRESS

1. Right-click on TCP/IP and select **Properties**.

2. Go to **IP2**, set your local IP Address in **IP Address**.

3. Remove TCP Dynamic Ports value.

	P Properties tocol IP Addresses		
	TCP Dynamic Ports	0	*
	TCP Port		
Ξ	IP8		
	Active	Yes	
	Enabled	No	
	IP Address	172.16.154.1	
	TCP Dynamic Ports	0	
	TCP Port		
Ξ	IP9		
	Active	Yes	
	Enabled	No	
	IP Address	::1	
	TCP Dynamic Ports	0	
	TCP Port		
Ξ	IPAII		=
	TCP Dynamic Ports		
	TCP Port	1433	
	CP Port CP port		
	ОК	Cancel Apply	Help

Figure 3: IPALL - TCP/IP Properties Under Protocols for SQLEXPRESS

1. Go to IPALL

2. Empty TCP Dynamic Ports value.

3. Set TCP Port value to 1433.

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File Action View Help						
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😵 SQL Server Configuration Manager (L	Name	State	Start Mode	Log On As	Process ID	
 SQL Server Services SQL Server Network Configuration SQL Native Client 11.0 Configurat SQL Server Network Configuration 	SQL Server Brov	Start Stop	Automatic Automatic Automatic	NT Service\MSSQL NT AUTHORITY\NE NT AUTHORITY\LO	0	
↓ ₽ Protocols for SQLEXPRESS ▶ ₽ SQL Native Client 11.0 Configurat		Pause Resume	_			
		Restart Properties				
		Help				
4 <u> </u>	•	m	1		•	
Restart (stop and then start) selected service.						

Figure 4: Restart SQL Server Service for changes to take effect

1. Restart the server for the changes to take effect.

C∶∖Windo	C:\Windows\system32>netstat -ao					
Active C	Active Connections					
Proto TCP TCP TCP TCP TCP	Local Address 0.0.0.0:135 0.0.0.0:445 0.0.0.0:554 0.0.0.0:902	Foreign Address Hugo-PC:0 Hugo-PC:0 Hugo-PC:0 Hugo-PC:0 Hugo-PC:0	State LISTENING LISTENING LISTENING LISTENING	PID 920 4 2864 2788		
ŤČP	0.0.0.0:1433	Hugo-PC:0	LISTENING	4488		
ŤČP TCP	0.0.0.0:5357 0.0.0.0:10243	Hugo-PC:0 Hugo-PC:0	LISTENING LISTENING	4		

Figure 5: Verify the listening port using command prompt

1. Verify that the listener is working through command prompt by executing **netstat -ao**.

C:\Windows\system32>tasklist /fi "pid eq 4488"						
Image Name	PID	Session Name	Session#	Mem Usage		
=======================================						
sqlservr.exe	4488	Services	Ø	173,140 K		
sqlservr.exe	4488	Services	Ø	173,140 K		

Figure 6: Verify instance based on the PID

1. Check on which process instance is listening to the port by executing tasklist /fi "pid eq 4488".