* Opened port by following this below steps
* <https://answers.microsoft.com/en-us/windows/forum/all/how-to-open-port-in-windows-10-firewall/f38f67c8-23e8-459d-9552-c1b94cca579a>

**Hub Command : java -jar selenium-server-4.24.0.jar hub**

**Out put :**

22:37:55.716 INFO [LoggingOptions.configureLogEncoding] - Using the system default encoding

22:37:55.722 INFO [OpenTelemetryTracer.createTracer] - Using OpenTelemetry for tracing

22:37:55.912 INFO [BoundZmqEventBus.<init>] - XPUB binding to [binding to tcp://\*:4442, advertising as tcp://192.168.0.133:4442], XSUB binding to [binding to tcp://\*:4443, advertising as tcp://192.168.0.133:4443]

22:37:55.978 INFO [UnboundZmqEventBus.<init>] - Connecting to tcp://192.168.0.133:4442 and tcp://192.168.0.133:4443

22:37:56.013 INFO [UnboundZmqEventBus.<init>] - Sockets created

22:37:57.029 INFO [UnboundZmqEventBus.<init>] - Event bus ready

22:37:57.674 INFO [Hub.execute] - Started Selenium Hub 4.24.0 (revision 748ffc9bc3): http://192.168.0.133:4444

**Node command :**

**java -jar selenium-server-4.24.0.jar node --hub** [**http://192.168.0.133:4444/grid/register**](http://192.168.0.133:4444/grid/register)

Node is not added its been sending requests

Hub command

**java -jar selenium-server-4.0.0.jar hub**

Node command  
**java -jar selenium-server-4.0.0.jar node --detect-drivers true --hub http://<Machine\_1\_IP>:4444**

**Tried to ping hub machine from node machine**ping 192.168.3.115  
got Request time out

Hub machine   
Microsoft Windows [Version 10.0.22631.4037]

(c) Microsoft Corporation. All rights reserved.

C:\selenium-remote-server>java -jar selenium-server-4.24.0.jar hub

11:22:46.637 INFO [LoggingOptions.configureLogEncoding] - Using the system default encoding

11:22:46.642 INFO [OpenTelemetryTracer.createTracer] - Using OpenTelemetry for tracing

11:22:46.818 INFO [BoundZmqEventBus.<init>] - XPUB binding to [binding to tcp://\*:4442, advertising as tcp://192.168.3.115:4442], XSUB binding to [binding to tcp://\*:4443, advertising as tcp://192.168.3.115:4443]

11:22:46.865 INFO [UnboundZmqEventBus.<init>] - Connecting to tcp://192.168.3.115:4442 and tcp://192.168.3.115:4443

11:22:46.893 INFO [UnboundZmqEventBus.<init>] - Sockets created

11:22:47.905 INFO [UnboundZmqEventBus.<init>] - Event bus ready

11:22:48.587 INFO [Hub.execute] - Started Selenium Hub 4.24.0 (revision 748ffc9bc3): http://192.168.3.115:4444

11:27:53.119 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:28:03.463 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:28:13.490 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:28:23.518 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:28:33.546 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:28:43.567 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:28:53.592 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:29:03.613 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:29:13.628 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:29:23.655 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:29:33.667 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:29:43.677 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:29:53.692 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:30:03.706 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:30:13.717 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:30:53.005 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:31:52.756 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:32:52.749 INFO [Node.<init>] - Binding additional locator mechanisms: relative

11:33:53.225 INFO [Node.<init>] - Binding additional locator mechanisms: relative

Node machine  
C:\selenium jar server>java -jar selenium-server-4.24.0.jar node --detect-drivers true --hub <http://192.168.3.115:4444>  
11:27:51.408 INFO [LoggingOptions.configureLogEncoding] - Using the system default encoding  
11:27:51.417 INFO [OpenTelemetryTracer.createTracer] - Using OpenTelemetry for tracing  
11:27:51.708 INFO [UnboundZmqEventBus.<init>] - Connecting to tcp://192.168.3.115:4442 and tcp://192.168.3.115:4443  
11:27:51.775 INFO [UnboundZmqEventBus.<init>] - Sockets created  
11:27:52.788 INFO [UnboundZmqEventBus.<init>] - Event bus ready  
11:27:52.969 INFO [NodeServer.createHandlers] - Reporting self as: <http://192.168.2.153:5555>  
11:27:52.994 INFO [NodeOptions.getSessionFactories] - Detected 12 available processors  
11:27:52.997 INFO [NodeOptions.discoverDrivers] - Looking for existing drivers on the PATH.  
11:27:52.997 INFO [NodeOptions.discoverDrivers] - Add '--selenium-manager true' to the startup command to setup drivers automatically.  
11:27:54.127 WARN [SeleniumManager.lambda$runCommand$1] - Unable to discover proper chromedriver version in offline mode  
11:27:54.442 WARN [SeleniumManager.lambda$runCommand$1] - Unable to discover proper msedgedriver version in offline mode  
11:27:54.801 WARN [SeleniumManager.lambda$runCommand$1] - Unable to discover proper geckodriver version in offline mode  
11:27:55.129 WARN [SeleniumManager.lambda$runCommand$1] - Unable to discover proper IEDriverServer version in offline mode  
11:27:55.172 INFO [NodeOptions.report] - Adding Internet Explorer for {"browserName": "internet explorer","platformName": "Windows 11"} 1 times  
11:27:55.173 INFO [NodeOptions.report] - Adding Chrome for {"browserName": "chrome","platformName": "Windows 11"} 12 times  
11:27:55.175 INFO [NodeOptions.report] - Adding Firefox for {"browserName": "firefox","platformName": "Windows 11"} 12 times  
11:27:55.176 INFO [NodeOptions.report] - Adding Edge for {"browserName": "MicrosoftEdge","platformName": "Windows 11"} 12 times  
11:27:55.239 INFO [Node.<init>] - Binding additional locator mechanisms: relative  
11:27:55.626 INFO [NodeServer$1.start] - Starting registration process for Node <http://192.168.2.153:5555>  
11:27:55.627 INFO [NodeServer.execute] - Started Selenium node 4.24.0 (revision 748ffc9bc3): <http://192.168.2.153:5555>  
11:27:55.658 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:28:05.712 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:28:15.754 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:28:25.787 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:28:35.823 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:28:45.844 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:28:55.860 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:29:05.881 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:29:15.909 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:29:25.931 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:29:35.946 INFO [NodeServer$1.lambda$start$1] - Sending registration event...  
11:29:45.970 INFO [NodeServer$1.lambda$start$1] - Sending registration event...

**Opened TCP ports 4444,4442,4443**

**Tried with turning off Windows defender firewall**