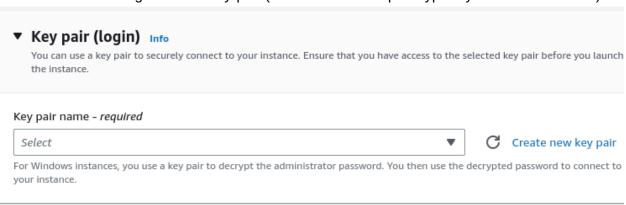
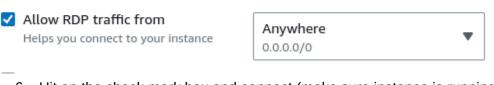
## **AWS Setup**

- 1. Head over to AWS (https://aws.amazon.com/): create an account
- 2. On the top left click on services the click on EC2 instance
- 3. Click on windows: Windows Server 2022 Base (free tier)
- 4. Make sure to generate a key-pair (remember the file path typically in download folder)



5. Allow rdp, https and http (http for testing purposes)

We'll create a new security group called 'launch-wizard-2' with the following rules:



6. Hit on the check mark box and connect (make sure instance is running)



- 7. Click on rdp client and hit get password button
- 8. Hit browse key pair and upload the key-pair you just generated in step 4
- 9. Decrypt the password
- 10. Download the remote desktop file
- 11. Copy the password
- 12. Execute the remote desktop file in step 10
- 13. Once inside EC2 instance hit the windows key and click on server manager
- 14. Click on add roles and features
- 15. Click next until reaching "Features"
- 16. Toggle on
  - a. ASP.NET 4.7
- 17. Click next until reaching "Role Services"
- 18. Toggle on
  - a. Basic Authentication (under security)
  - b. .NET Extensibility 4.7 (under Application Development)
  - c. ASP.NET 4.7 (under Application Development)
  - d. ISAPI Extensions (under Application Development)
  - e. ISAPI Filters (under Application Development)
  - f. Management Service (under Management Tools)

- 19. Finish process by clicking on install
- 20. Download and install runtime environment (<a href="https://dotnet.microsoft.com/en-us/download/dotnet/thank-you/runtime-aspnetcore-6.0.1">https://dotnet.microsoft.com/en-us/download/dotnet/thank-you/runtime-aspnetcore-6.0.1</a> 4-windows-hosting-bundle-installer)
- 21. On visual studio on your local machine have project open and right click on solution folder and hit publish to local
  - a. Take note of target location
  - b. Make sure target runtime is set to win-x86
- 22. Drag and job the folder you just created in step 21 on to the EC2 instance
- 23. Open IIS
- 24. Click on sites and right click to add a site
- 25. Set a name
- 26. Set the physical path to the location of the folder you've just drag and dropped.
- 27. Test by clicking on Browse:80(http) (located on the right side)

