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Creating a NAT Instance, Continued, Continued

Task 2.6: Create a NAT instance, continued

Step	Action
2.6.12	Click **Add Rule**. • For **Type**, select **All traffic**. • For **Source**, select **Anywhere**.
2.6.13	Click **Review and Launch**. When prompted, accept the default and click **Next**.
2.6.14	Review the settings and then click **Launch**.
2.6.15	When prompted, accept the default, select the acknowledgement check box, and then click **Launch Instances**.
2.6.16	Click **View Instances**.
2.6.17	On the **EC2 Management Console**, select the **NAT** server you just created.
2.6.18	In the **Actions** drop-down list, click **Networking**.
2.6.19	In the **Networking** drop-down list, click **Change Source/Dest. Check**.
2.6.20	On the **Enable Source/Destination Check** dialog box, click **Yes, Disable**.

Task 2.7: Add NAT in the Private Route table

To edit the settings of your Private Route table to send Internet-bound traffic to your NAT:

Step	Action
2.7.1	On the **Services** menu, click **VPC**.
2.7.2	In the navigation pane, click **Route Tables**.
2.7.3	Select **Private Route** from the list and then click the **Routes** tab in the lower pane. There should be only one entry for *local*.
2.7.4	Click **Edit**. • In the **Destination** box, type **0.0.0.0/0** • For **Target**, enter **NAT** to point to the instance that you created earlier, and then select it.
2.7.5	Click **Save**.

Ending your lab

If you choose not to complete the optional portion of this lab, follow the instructions in Appendix B to end your lab.

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Optional: Making Your Environment Highly Available

Introduction

This part of the lab is optional, and step-by-step instructions are not provided. Use online documentation to help you if necessary.

http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Introduction.html

Challenge

You successfully created a VPC. Does your VPC's current configuration provide high availability (HA)?

Make necessary changes to make your **Lab VPC** highly available.

Hint

Create another public subnet: **Public Subnet 2**; and a private subnet: **Private Subnet 2** in a different Availability Zone within the region.

- CIDR range for Public Subnet 2: **10.200.15.0/24**
- CIDR range for Private Subnet 2: **10.200.55.0/24**
- Be sure to associate your new subnets with appropriate route tables.

Ending your lab

When you are done, follow the instructions in Appendix B to end your lab.

Achievements

Having completed this lab, you are now able to:

- Create a virtual private cloud (VPC).
- Create subnets within an Availability Zone.
- Create a Network Address Translation (NAT) instance
- Attach Internet Gateway (IGW) to your VPC.
- Create route tables.

Your results are verified by your ability to complete the lab in the allotted time. When you have completed the lab, your instructor will facilitate a discussion of your results.

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