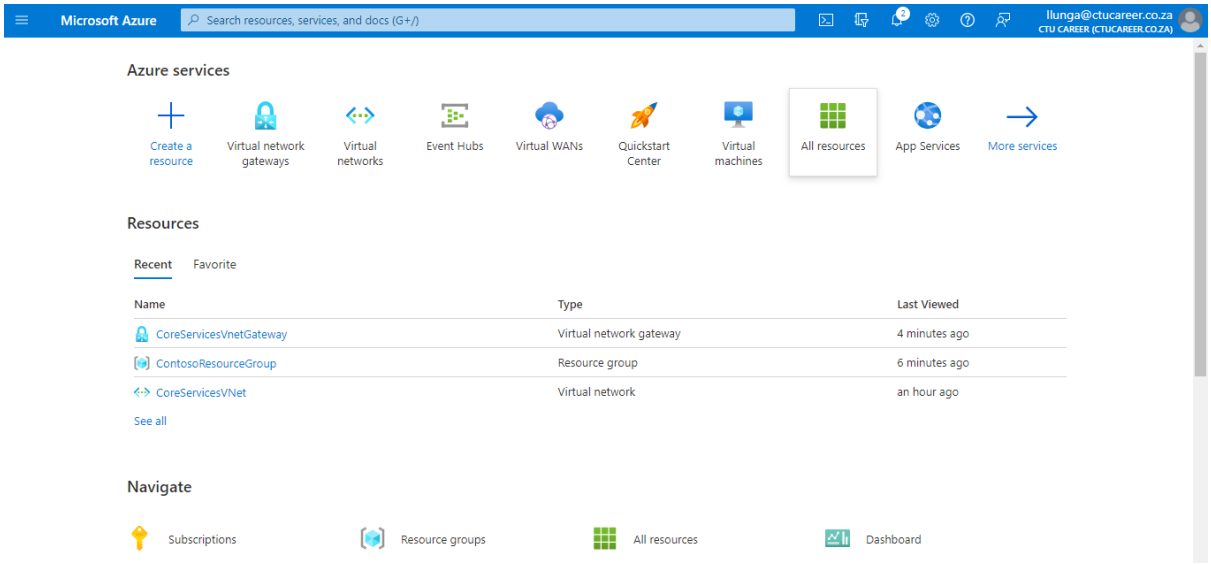
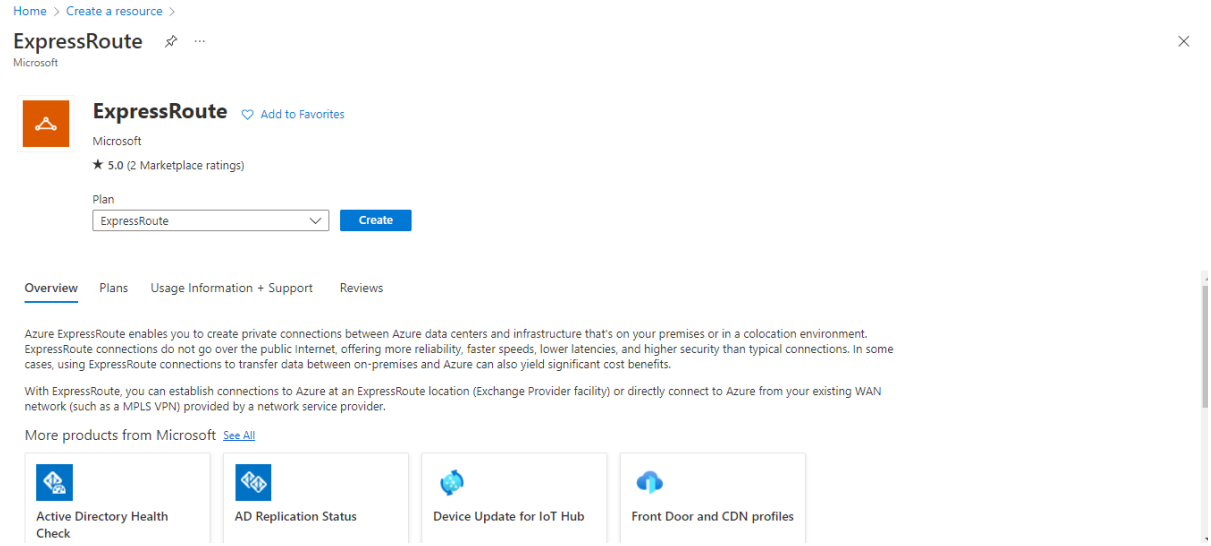
M03-Unit 5 Provision an ExpressRoute circuit

Task 1: Create and provision an ExpressRoute circuit

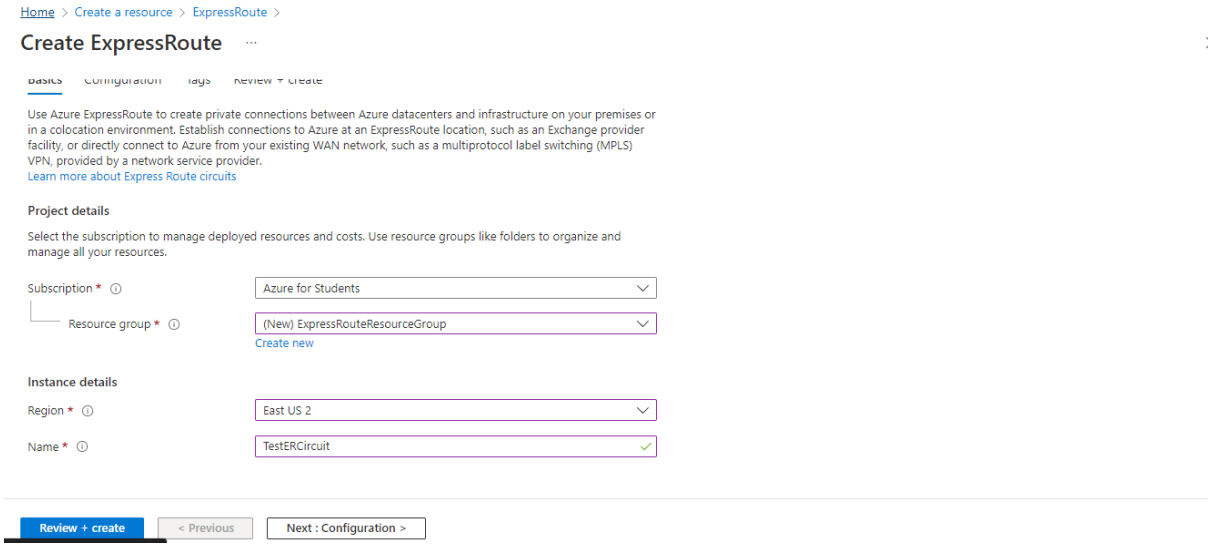
1. From a browser, navigate to the Azure portal and sign in with your Azure account.



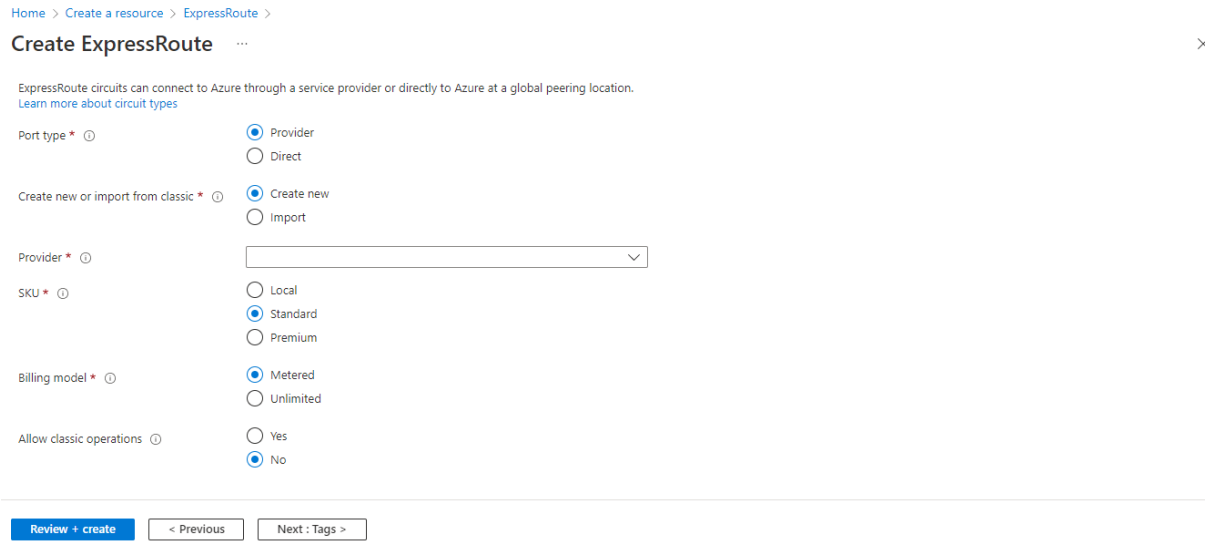
2. On the Azure portal menu, select + Create a resource. Select Networking, and then select ExpressRoute, as shown in the following image. If ExpressRoute does not appear in the list, use Search the marketplace to search for it:



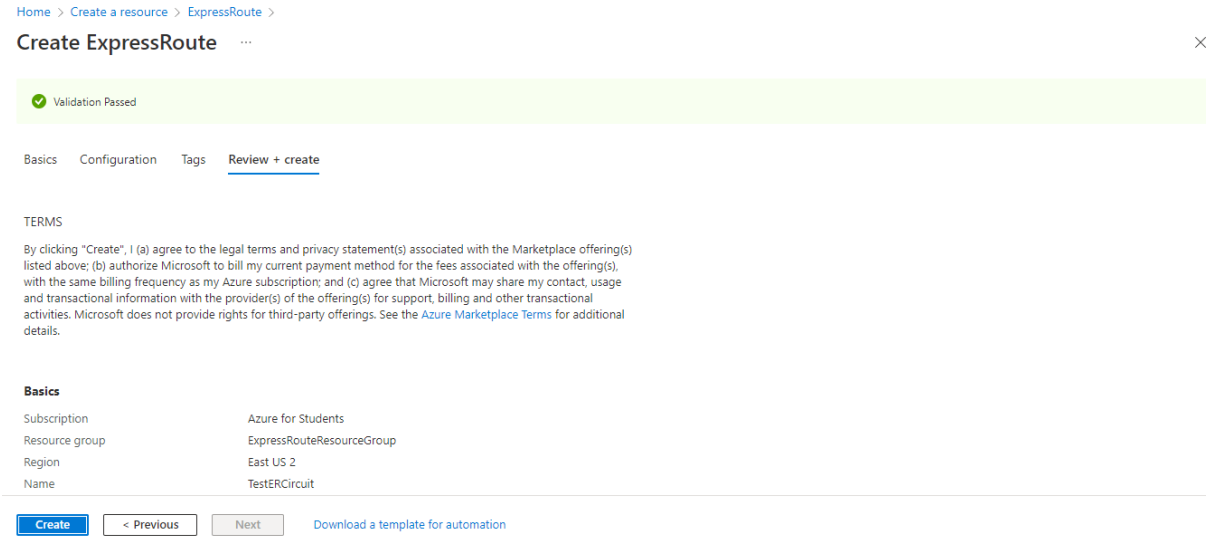
3. On the Create ExpressRoute page, provide the Resource Group, Region, and Name for the circuit with the following: ExpressRouteResourceGroup, East US 2, TestERCircuit. Then select Next: Configuration >.



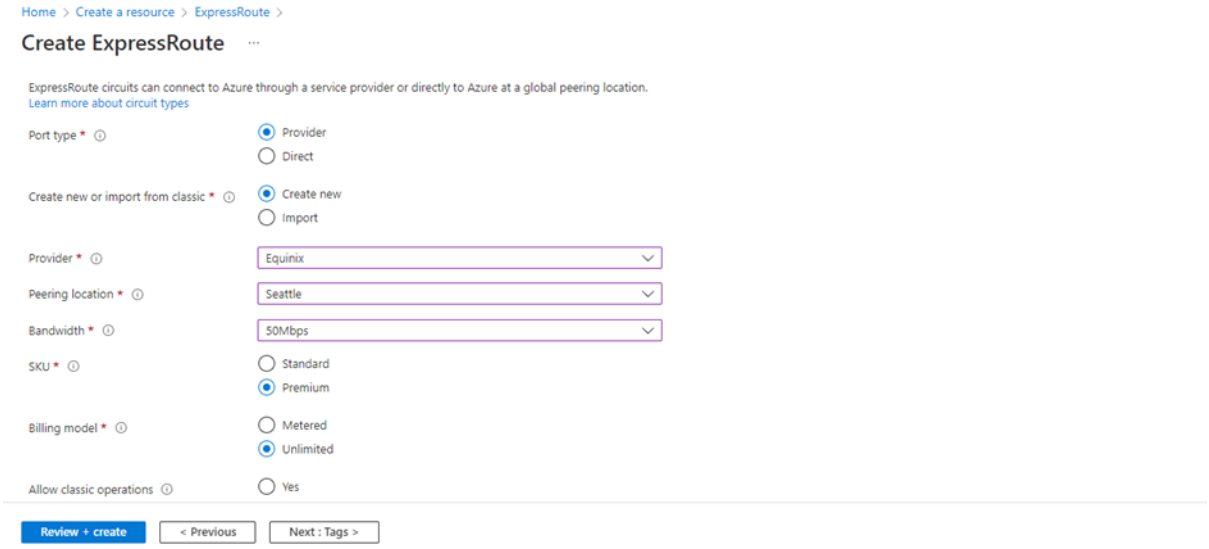
4. When you are filling in the values on this page, make sure that you specify the correct SKU tier (Local, Standard, or Premium) and data metering billing model (Unlimited or Metered).



5. Select Review + Create.

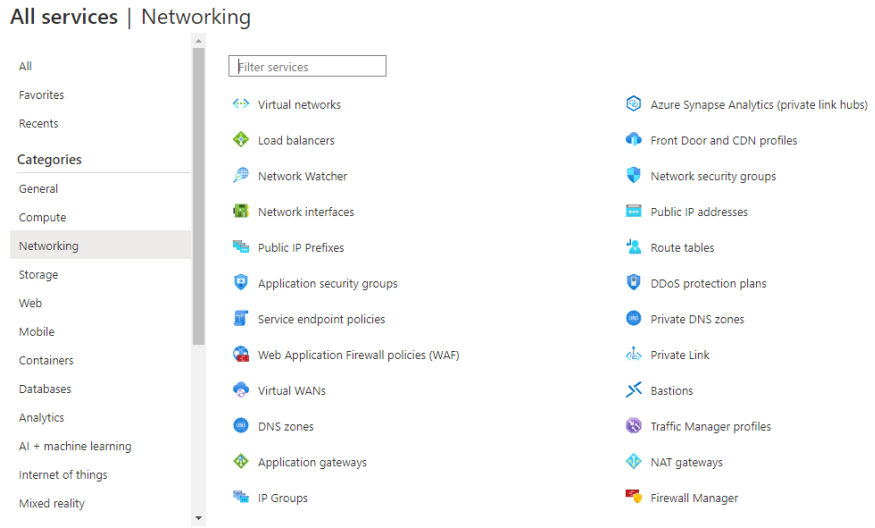


6. Confirm that the ExpressRoute configuration passes validation and then select Create

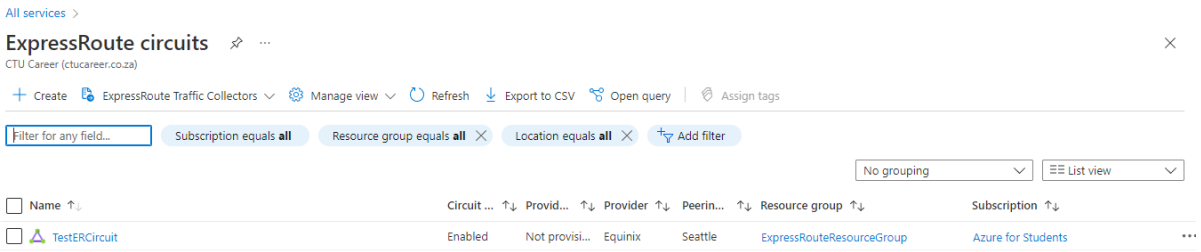


Task 2: Retrieve your Service key

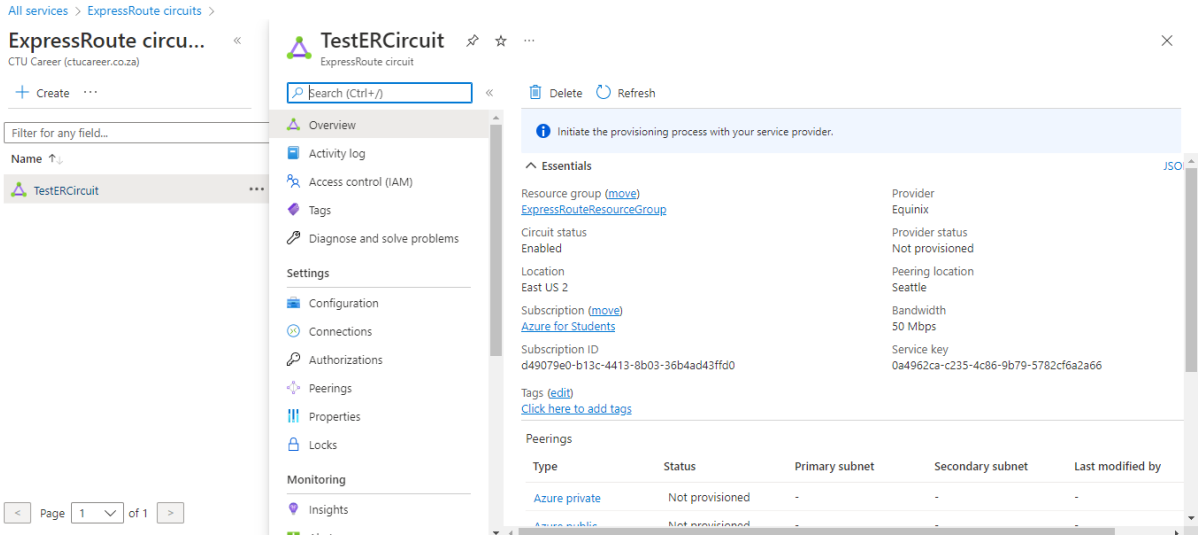
1. You can view all the circuits that you created by selecting All services > Networking > ExpressRoute circuits.



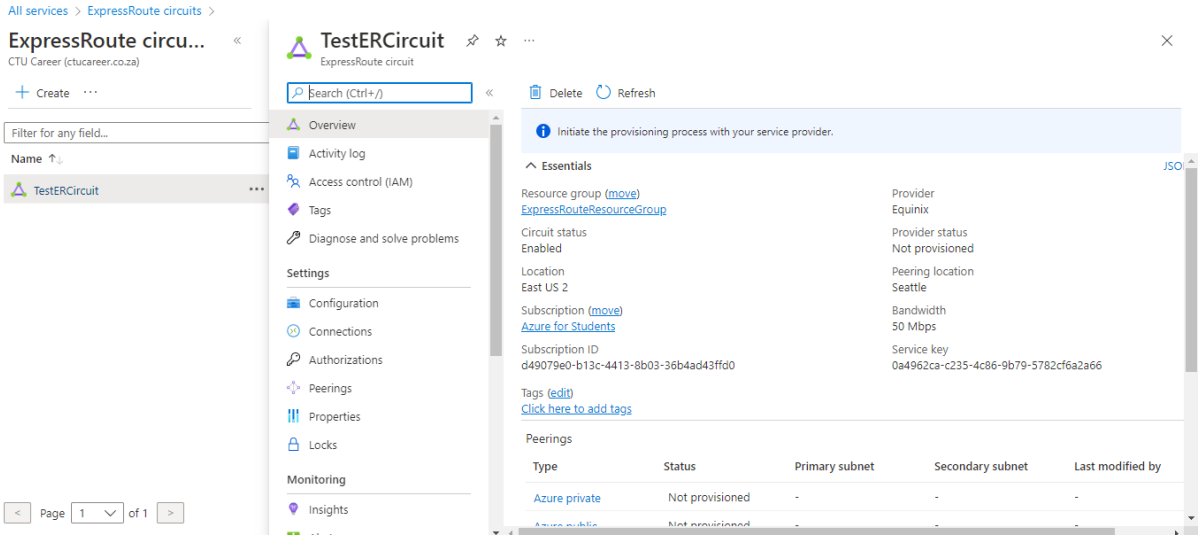
2. All ExpressRoute circuits created in the subscription will appear here.



3. The circuit page displays the properties of the circuit. The service key appears in the service key field. Your service provider will need the Service Key to complete the provisioning process. The service key is specific to your circuit. You must send the service key to your connectivity provider for provisioning.

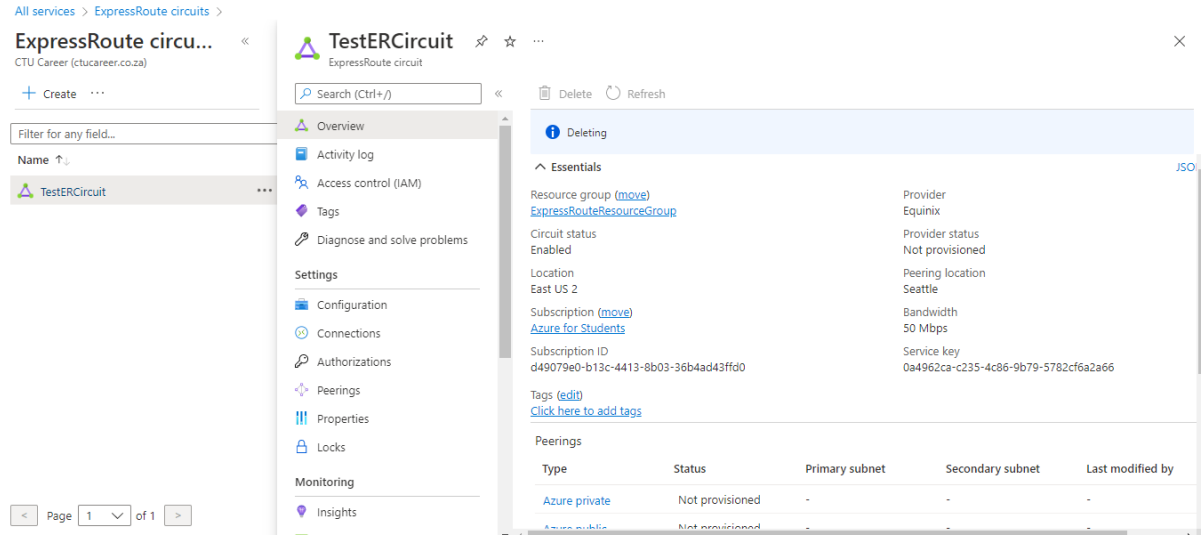


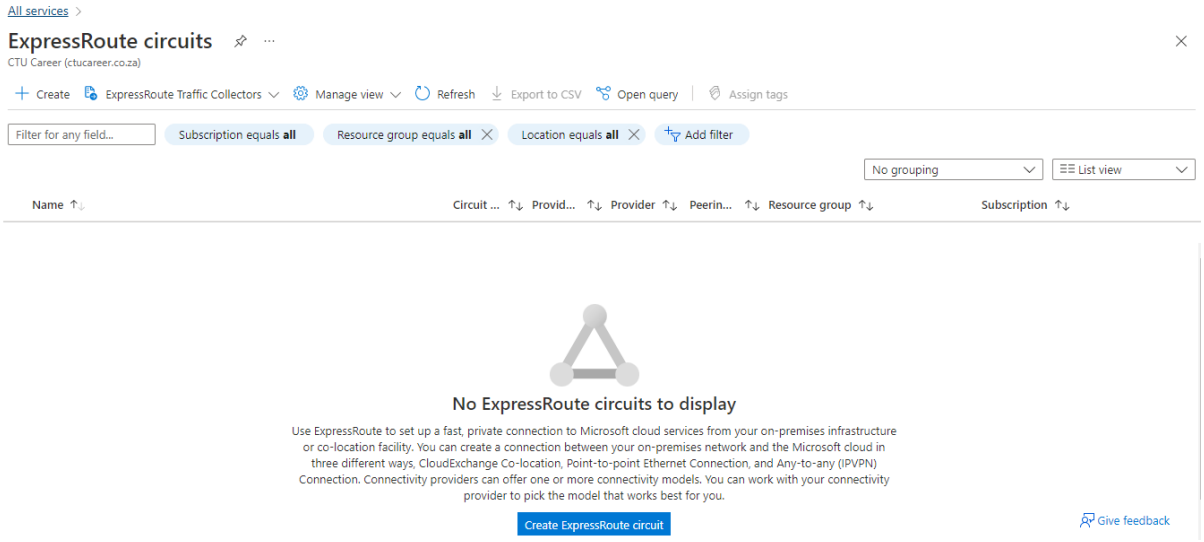
4.- 5. When you create a new ExpressRoute circuit, the circuit is in the following state



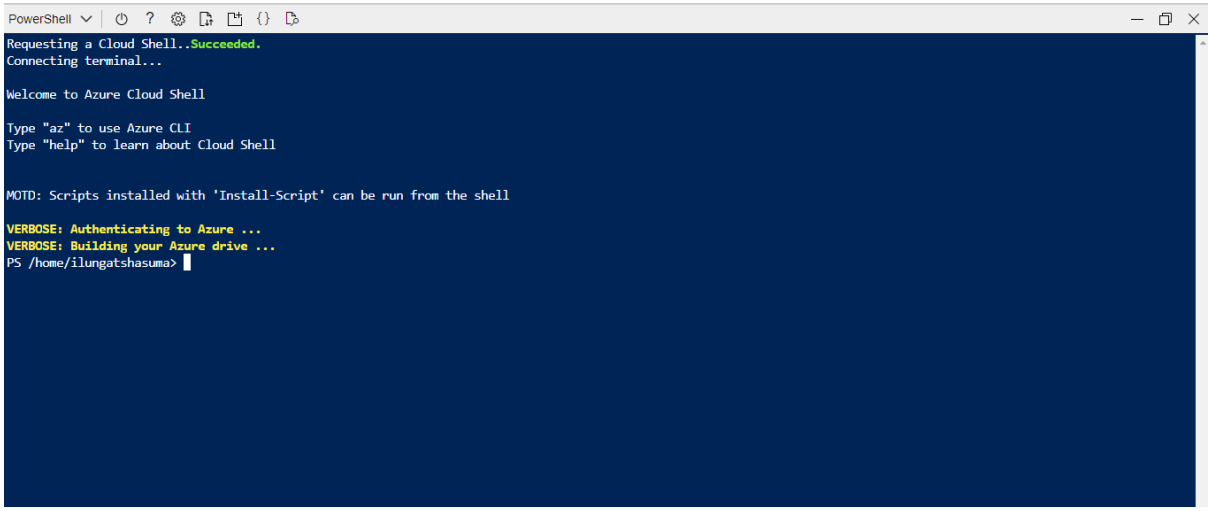
Task 3: Deprovisioning an ExpressRoute circuit

Task 4: Clean up resources





1. In the Azure portal, open the PowerShell session within the Cloud Shell pane.



2.Delete all resource groups you created throughout the labs of this module by running the following command: