Step 1) First create a file called **customrole.json** and enter the following contents. Ensure to change the value of the subscription id.

{

"Name": "stagingrole",

"Id": null,

"IsCustom": true,

"Description": "Allows for read access to Azure Virtual Machines and storage accounts",

"Actions": [

"Microsoft.Compute/\*/read",

"Microsoft.Storage/\*/read"

],

"NotActions": [],

"AssignableScopes": [

"/subscriptions/20c6eec9-2d80-4700-b0f6-4fde579a8783"

]

}

Step 2) Next use the following sample commands from Azure cloud shell to register the new role and assign it to a user

New-AzRoleDefinition -InputFile "customrole.json"

New-AzRoleAssignment -ResourceGroupName azuredemo -SignInName demousrA@techsup1000gmail.onmicrosoft.com -RoleDefinitionName "stagingrole"