1. Creating a resource group against each region
2. Creating a virtual network against each region with default address prefix as 10.2.0.0/16 for SEA region and 10.3.0.0/16 EUS region
3. Creating two subnets, webserversubnet and jumpportsubnet in SEA region with address prefixes 10.2.1.0/24 and 10.2.2.0/24 and one subnet, webserver11subnet in EUS region with address prefix 10.3.1.0/24
4. Creating NSGs – nsgforws, nsgforjumpport, nsgforwebserver11 and associating the NSG against the subnets
5. Creating rules against each NSG as below:
6. Rule named “allowrdpforws” for nsgforws: Limiting RDP from only one IP address
7. Rule named “allowrdpforjumpport” for nsgforjumpport, Limiting RDP from only one IP address, assuming it is the administrator system and only he can access and upload the files to webservers
8. Rule named “allowrdpforwebserver11” for nsgforwebserver11, anyone from the internet has RDP access
9. Creating an Availability set ‘wsavailabilityset’ which would be used against the webservers
10. Creating a loadbalancer
11. Creating a public IP, lbpublicIP and associating with loadbalancer
12. Creating a backendpool
13. Creating a load balancer rule named lbrule
14. Creating a healthprobe named lbhealthprobe against loadbalancer rule
15. Creating an Inbound NAT rule, named RDPinboundNATrule
16. Creating NICs for webservers, webserverNIC1 and webserverNIC2
17. Associating inbound NAT rule with webserver1
18. Associating backendpool
19. Create a VM for webservers, webserver1 and webserver2
20. With no publicIP
21. Associating the availabilityset
22. Associating the corresponding NIC created above
23. Creating a backup service for both the webservers with custom policy
24. Creating a rule condition for both the webservers
25. Creating a publicIP, “jumpportpublicIP” for associating with jump port NIC
26. Creating a jump port NIC, named “jumpportNIC”
27. Create a VM for jumpport, jumpportserver and associating it to jumpportNIC
28. Creating a publicIP, “webserver11publicIP” for associating with webserver11 NIC
29. Creating a jump port NIC, named “webserver11NIC”
30. Create a VM for webserver11 and associating it to webserver11NIC
31. Peering VNETs created in SEA and EUS regions
32. Creating storage account in SEA region with GRS replication
33. Creating storage account in EUS region with ZRS replication
34. Accessing storage account keys for use in applications
35. Installing Storage explorer in webserver11 and connecting to cloud, uploading contents to cross-verify
36. Creating two users and applying role based access to both the users against the required scope