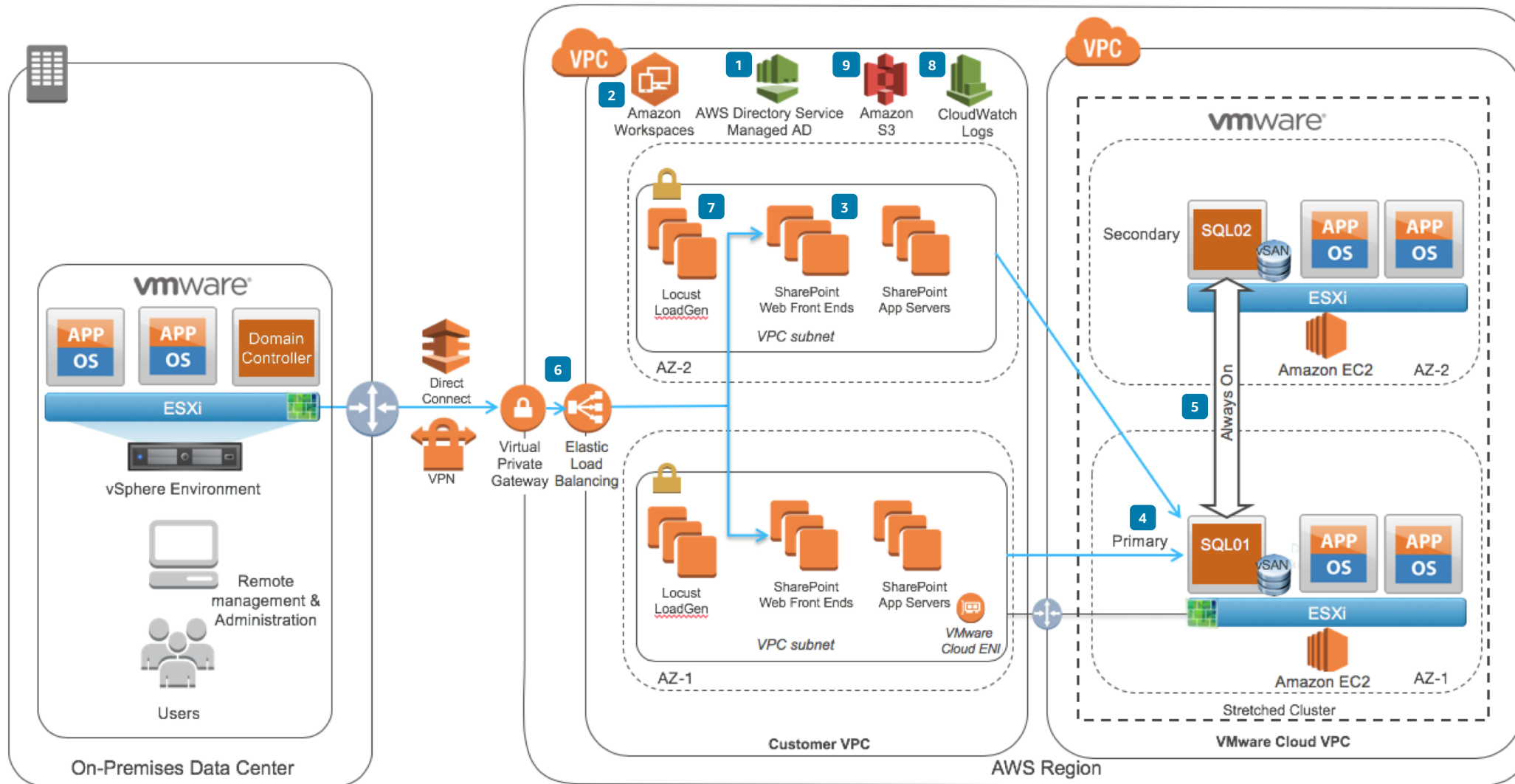# SharePoint Reference Architecture – AWS and VMware Cloud on AWS

1. AWS Directory Service provides Managed AD for the Customer VPC and VMware Cloud on AWS VPC

2. Amazon WorkSpaces enables domain-joined hosted Windows desktops

3. SharePoint Web Front Ends and Application Servers are deployed multi-AZ leveraging Managed AD

4. SQL Server is deployed on VMware Cloud SDDC Compute Cluster with vSAN-managed NVMe SSDs

5. SQL Server is provisioned with support for AlwaysOn on multi-AZ Stretched Clusters

6. A Network Load Balancer distributes SharePoint traffic across 3-AZs

7. Locust Master and 2 Workers generate load for testing concurrent SharePoint users

8. CloudWatch shows NLB and instance metrics in 1-minute intervals

9. Amazon S3 is the storage tier for the backup of SQL Server