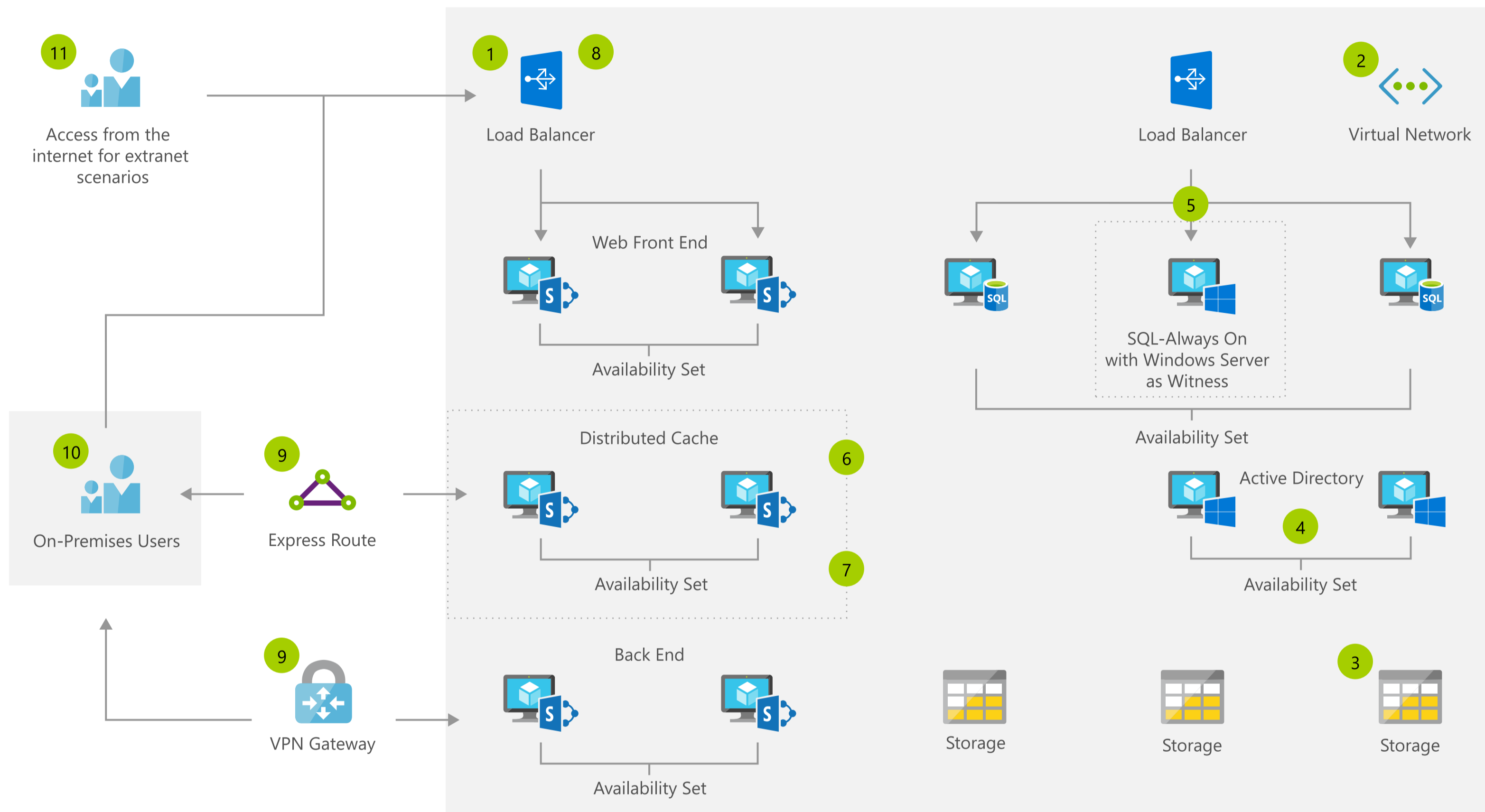


Highly Available SharePoint Farm for Intranet Workloads



Architecture overview

This solution provides a Highly Available deployment of SharePoint utilizing a load balanced AD, Highly Available SQL Always On Instance and Highly Available SharePoint resources. It addresses the capability to deliver highly available intranet capability using the latest and greatest supported platforms.

- 1 Create resource group for the Storage, Network and Virtual Machine plus other dependent elements.
- 2 Create Virtual Network to host the Virtual Machines and Load Balancers for the deployment. Ensure the network has appropriate Network Security Groups implemented to protect network traffic flow.
- 3 Create the storage accounts that will host the virtual machine images (vhds).
- 4 Create the Active Directory Installation. Either utilizing a new Virtual Machine or leveraging Azure Active Directory Domain Services. If leveraging Azure Active Directory Domain Services you also need to consider synchronizing identities to Azure AD with Azure AD Connect.
- 5 Create a Windows Failover Cluster and Install a supported version of SQL Server on an Azure VM or deploy pay as you go instances of SQL Server.
- 6 Deploy SharePoint onto multiple Azure VMs or leverage trial images from the gallery which already have SharePoint Server installed.
- 7 Create the SharePoint Farm.
- 8 Setup an Azure external load balancer to direct incoming HTTPS traffic to the SharePoint Server.
- 9 Leverage Express Route or VPN Gateway for management access to resource group.
- 10 On Premises users can access the SharePoint sites via the internet or Express Route or VPN Gateway.
- 11 External users can be granted access as required to the SharePoint sites for testing.

Products

