SharePoint Farm for Development Test

Architecture overview
This solution provides a small scale deployment of SharePoint utilizing a single AD, SQL and SharePoint resources. It address the capability to deliver agile development architecture to teams within your business using the latest and greatest support 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 implement 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 you also need to consider synchronizing identities to Azure AD with Azure AD Connect.
5. Install a supported version of SQL Server on an Azure VM or deploy a pay as you go instance of SQL Server.
6. Deploy SharePoint onto an Azure VM or leverage a trial image 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

- **Resource Group**
- **Virtual Network**
- **Storage**
- **Active Directory**
- **SQL Server**
- **Load Balancer**
- **Express Route**
- **VPN Gateway**