



- 1 External users browse website from Azure Front Door.
- 2 Front door will connect to private end point configured for Azure Web App.
- 3 Connection will pass to Azure Web App from Front Door via private endpoint.
- 4 Azure web app connects to Mongo DB VM.
- 5 SFTP blob storage accessible from Mongo DB VM.
- 6 Mongo Db configured with Bastion for remote access on the DB VM for DB team.
- 7 DB team connect Mongo DB through Bastion service.
- 8 External users/Finance Team access PDF documents stored on Blob storage through SFTP.
- 9 Azure web app monitored through Application insight.
- 10 Mongo DB VM and other infra resource can be monitored through Log analytics and Azure monitor.
- 11 Azure active directory can be used for authentication purpose.

Red Arrow represents communication on public IP from external users

Green Arrow represents communication over private IP. All the inetnal communication in the design is over private IP.