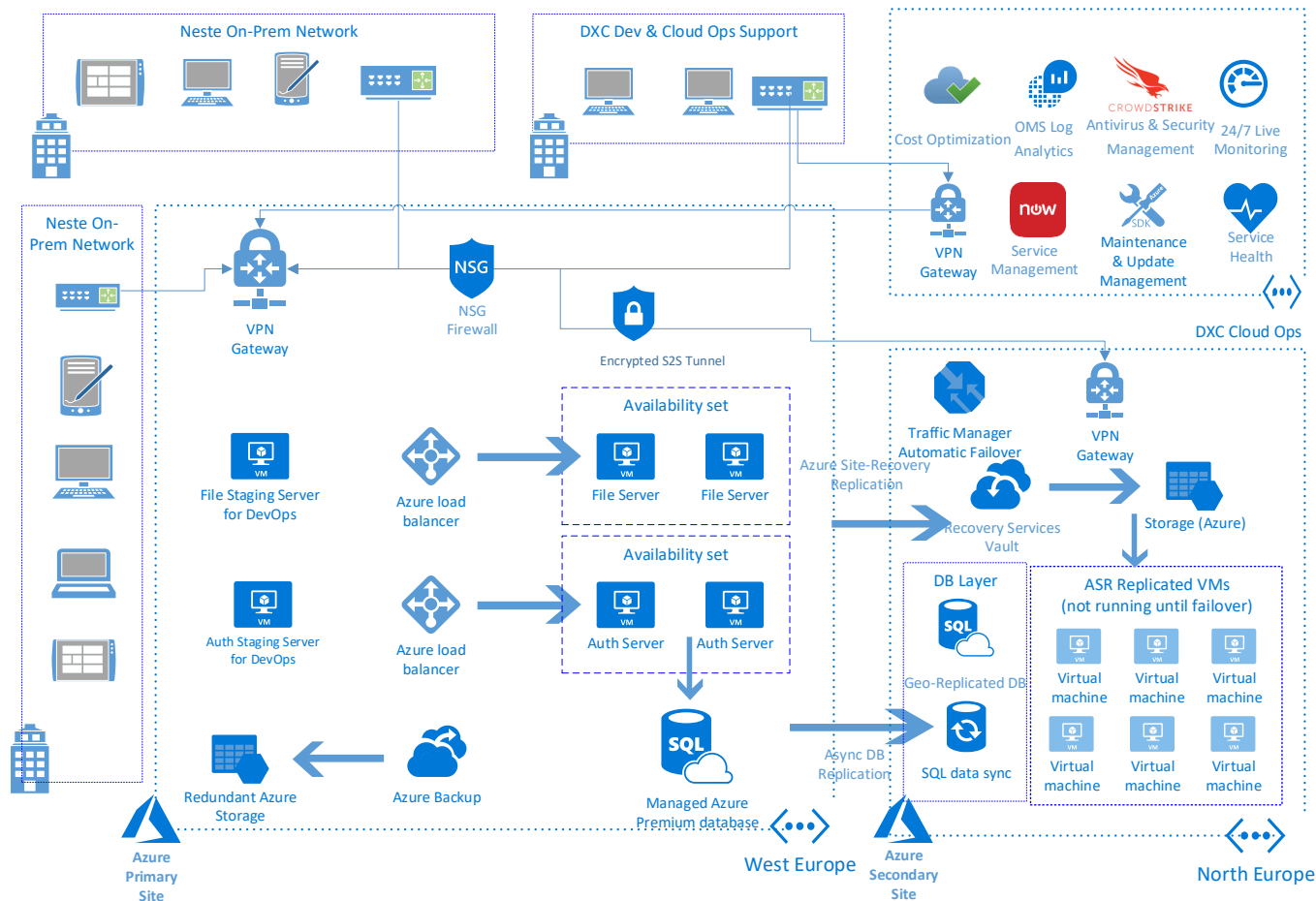


Azure Solution Diagram



- The new card platform is hosted in **two Azure sites** (West Europe Region) configuration with live replication to North Europe.
- All major components are **redundant**
- **Availability zones** guarantee that VMs will be placed in different regional sites to provide 99.99% SLA on the infrastructure from Microsoft.
- If Availability Zones are still in Preview in West Europe when the VMs are deployed, **Availability Sets** will be used for 99.95% uptime SLA from Microsoft.
- **Azure SQL databases** get 99.99% SLA with Premium Tier Business Critical database service from Microsoft
- Connectivity to the solution is established over **encrypted VPN tunnels**.
- Applications running on the Virtual machines can **be scaled up and down** on demand to meet performance requirements.
- **Cost optimization tools** are included as part of the Managed Service on Azure to detect any under or overutilized resources and to assist customer in fine-tuning their Azure consumption as much as possible.
- **Locally redundant incremental backups** of all items ensure business continuity and protection from data loss.
- **Azure Site Recovery** replicates all production workloads to North Europe as part of a DR solution.