

Phase plan

| Phase | Phase Name | Execution Steps |
|---------|----------------------------------|---|
| Phase 1 | Network Foundation Setup | <ul style="list-style-type: none">- Create Hub VNet with subnets: AzureFirewallSubnet, AzureBastionSubnet, GatewaySubnet- Create Spoke VNets: App-VNet, SQL-VNet, File-VNet- Define subnets inside each Spoke (e.g., App-Subnet, SQL-Subnet, File-Subnet)- Configure VNet Peering between Hub and Spokes |
| Phase 2 | Security, Compute & Connectivity | <ul style="list-style-type: none">- Create Virtual Machines in each Spoke (App VM, SQL VM, File Server, etc.)- Deploy Azure Firewall in Hub VNet- Create Route Tables (UDRs) in Spokes to route traffic through Firewall- Configure NSGs for subnet-level control- Deploy VPN Gateway (P2S or S2S) in Hub- Configure Point-to-Site VPN with certs & user access |
| Phase 3 | Monitoring & Management | <ul style="list-style-type: none">- Deploy Log Analytics Workspace in Hub- Connect VMs and Firewall to Log Analytics via Diagnostic Settings- Deploy Azure Monitor- Create Alerts, Dashboards, Workbooks |
| Phase 4 | Disaster Recovery Setup | <ul style="list-style-type: none">- Deploy second region for DR (Region 2)- Create DR VNets mirroring Production (e.g., App-VNet-DR)- Enable Azure Site Recovery (ASR) vault- Configure replication for key VMs (App, SQL, File)- Test Failover & Document Recovery Plan |