VNet Peering and Subnets

VNet Peering

VNet peering is connecting two or more Virtual Networks in Microsoft Azure for direct and private communication between them. It enables resources in different VNets to communicate with each other as if they are in the same network without requiring a VPN gateway and extra routing. With VNet peering, resources in both VNets get low latency and high-bandwidth connectivity. Thus, this architecture is suitable for cross-region data replication, scaling of an application, and disaster recovery scenarios.

Subnets

Whereas the subnets are for the logical subdivision of a VNet that could enable one to further segment resources into separate network spaces. They provide greater restriction of traffic flow; hence, better security due to workload isolation and better policy implementation on the network with NSGs and Route Tables. VNet Peering with Subnets will allow giving a scaled, secure, organized network design within Azure itself.