**Documentation Difference between AWS Transit Gateway and VPC Peering**

what is the purpose of **AWS Transit Gateway** and **VPC Peering**?

  Both Transit Gateway and VPC Peering are used to connect multiple VPC’s.

**what is the difference between AWS transit gateway and VPC peering?**

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| **Peering connection**   * Networking connections between two VPCs. * Two VPC’s could be in the Same or different AWS accounts. * Low Cost since you need to pay only for data transfer. * There is no any bandwidth limitation. * No transit routing (see detail below). * Complex at scale, * Maximum 125 connections per VPC. | **Transit Gateway**   * Using Transit Gateway, you can manage multiple connections very easily. * AWS manages the auto scaling and availability needs. * Supported 1000’s of connections. * There is an extra hourly charge per attachments in addition to data fees, which makes transit gateway configuration costly. * Max bandwidth burst to 50 Gbps. * Transit Gateway peering only possible across regions, not within region. * Hub and spoke network topology for connecting VPC together. |