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	Site-to-Site VPN	Direct Connect
Use case	Connecting remote networks to AWS VPC which doesn't require heavy data transfer or doesn't require a consistent connection	Connecting remote networks to AWS VPC which require heavy data transfer or require a consistent connection
Choose when...	Cost is important	Predictable performance is important
Supported speed	1.25 Gbps per tunnel	1 / 10 / 100 Gbps (sub 1 Gbps connections may be available from some service providers)
How it works?	Establishes a tunnel over existing internet connection	Establishes a connectivity over a dedicated network. Doesn't use Internet
High Availability	Highly available on AWS side (VGW is deployed across 2 AZs)	Single connection. No high availability by default
Encryption	Uses IPSec	Not encrypted by default
Time to establish	Can be setup in few minutes in a self-service fashion	Requires a Service Provider, may take few hours/days to get established
Cost dimension	Per connection hour and data transfer out	Variable port fees and data transfer out