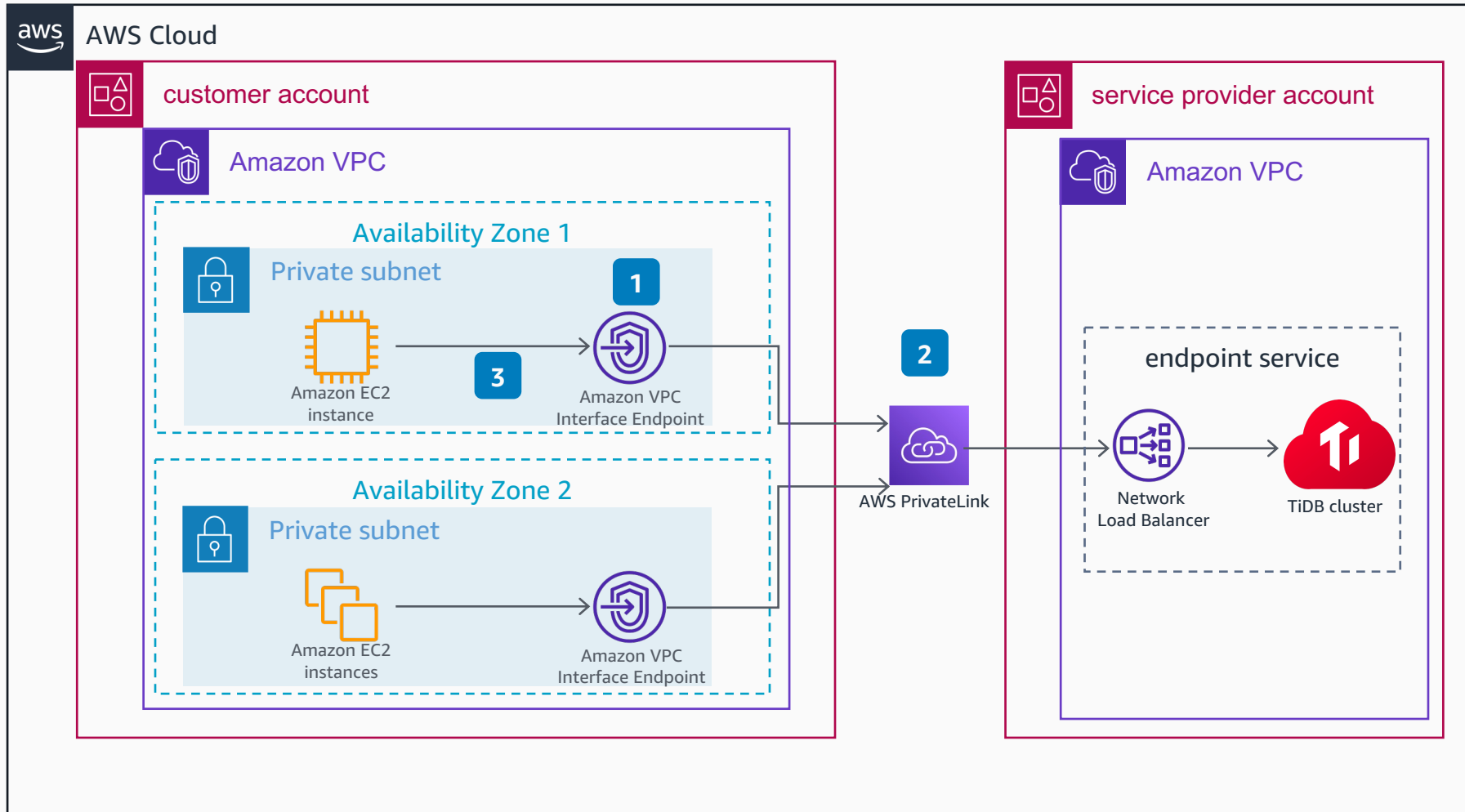


Securely Access TiDB using AWS PrivateLink

TiDB is an open-source MySQL-compatible database that supports hybrid transactional and analytical processing (HTAP). TiDB Cloud supports highly secure and unidirectional access to the TiDB Cloud service hosted in an Amazon Virtual Private Cloud (Amazon VPC) by using the AWS PrivateLink service. AWS PrivateLink service is set up for TiDB Cloud by PingCAP.



- 1 Create a Amazon VPC interface endpoint to TiDB Cloud AWS PrivateLink endpoint service.
- 2 Powered by **AWS PrivateLink**, the endpoint connection is secure and private, and does not expose your data to the public internet. The **AWS PrivateLink** connection also supports a secure connection between VPCs with overlapping Classless Inter-Domain Routing (CIDR).
- 3 **Amazon Elastic Compute Cloud** (Amazon EC2) customer instances can securely connect to a TiDB Cloud service, hosted in provider **Amazon VPC** through VPC endpoints, without the traffic going through public internet. With private domain name service (DNS) enabled for the service, consumers can use the same public DNS when connecting over **AWS PrivateLink**. In the consumer VPC, the public DNS gets resolved into a VPC endpoint.

