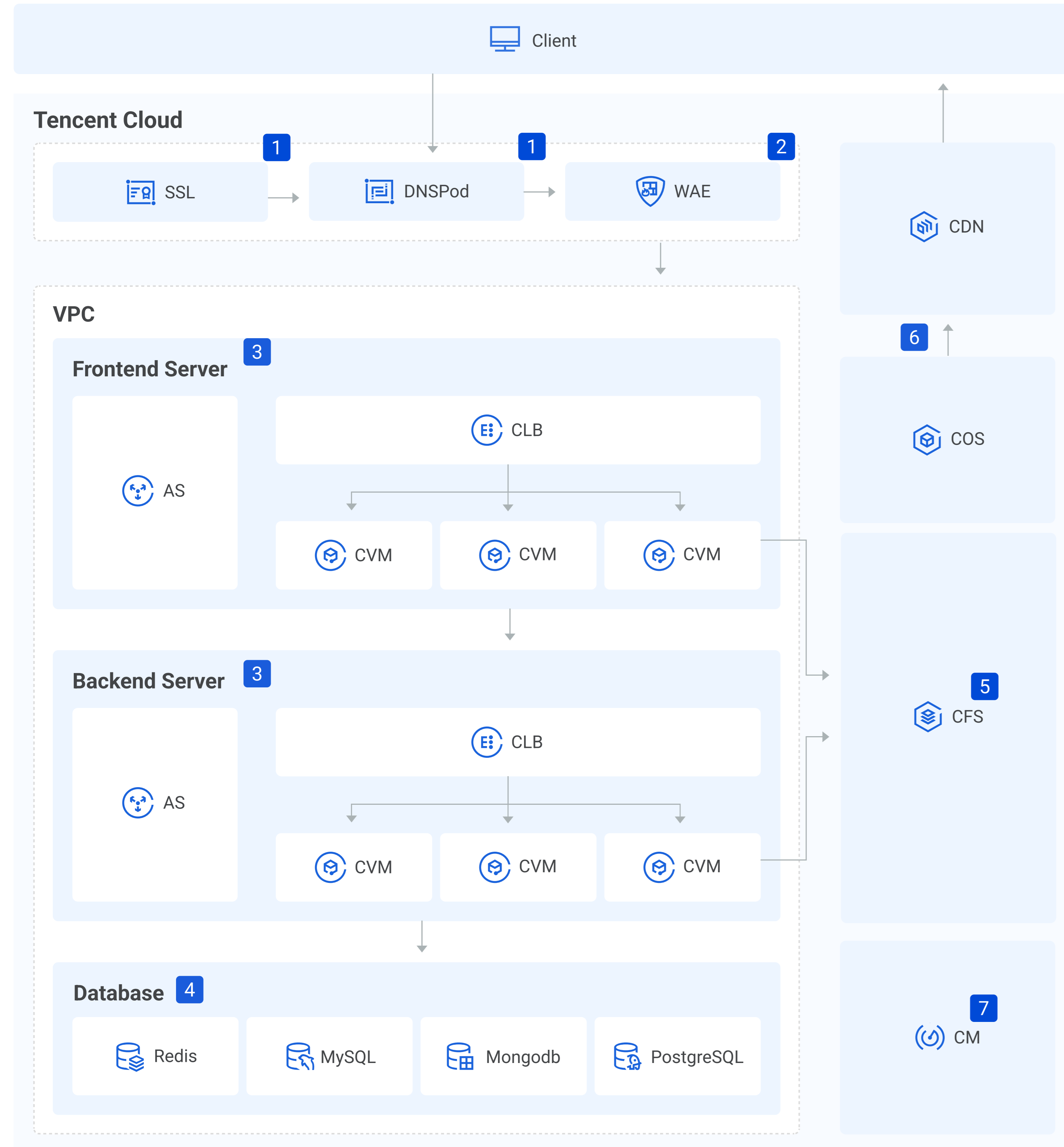


Compute Elasticity on Tencent Cloud



- 1** If necessary, customers can create a DNSPod to transfer the domain from the website IP. SSL Certificate Service (SSL) offers server identity authentication and data transmission encryption for a one-stop HTTPS solution and can be deployed with DNSPod or Cloud Load Balancer (CLB).
- 2** By deploying Web Application Firewall (WAF), customers can redirect web attack traffic to WAF's protection cluster nodes.
- 3** Customers can access websites that are deployed on frontend servers through Cloud Virtual Machine (CVM) or CVM clusters together with Auto Scaling (AS). Inbound traffic can be automatically distributed to multiple CVM instances in the cloud via CLB, and applications can be deployed on backend servers through CVM or CVM clusters via private CLB. The key features of AS include alarm-triggered scaling, scheduled scaling, replacement of unhealthy CVMs, automatic load balancing, and activity records. If customers know under what conditions scale-in and scale-out should be performed, they can set AS scheduling policies so that the AS system will automatically add or remove CVM instances. If not, we suggest that customers enable alarm-triggered scaling so that when certain monitoring metrics reach their specified thresholds, CVM instances will be automatically added or removed and CLB configurations will be automatically implemented.
- 4** Service data is stored in cloud databases such as TencentDB for MySQL, TencentDB for MongoDB, TencentDB for PostgreSQL, and TencentDB for Redis. As a CacheDB, Redis can improve database read speeds.
- 5** If needed, customers can use a file shared storage service such as Cloud File Storage (CFS).
- 6** Static web application content such as images, videos, and application packages can be stored in Cloud Object Storage (COS), and web requests can be accelerated via Content Delivery Network (CDN) to the client.
- 7** Cloud Monitor (CM) is a one-stop monitoring platform that supports basic monitoring, cloud automated testing, and custom monitoring. It can implement auto scaling with CVM based on key metrics.