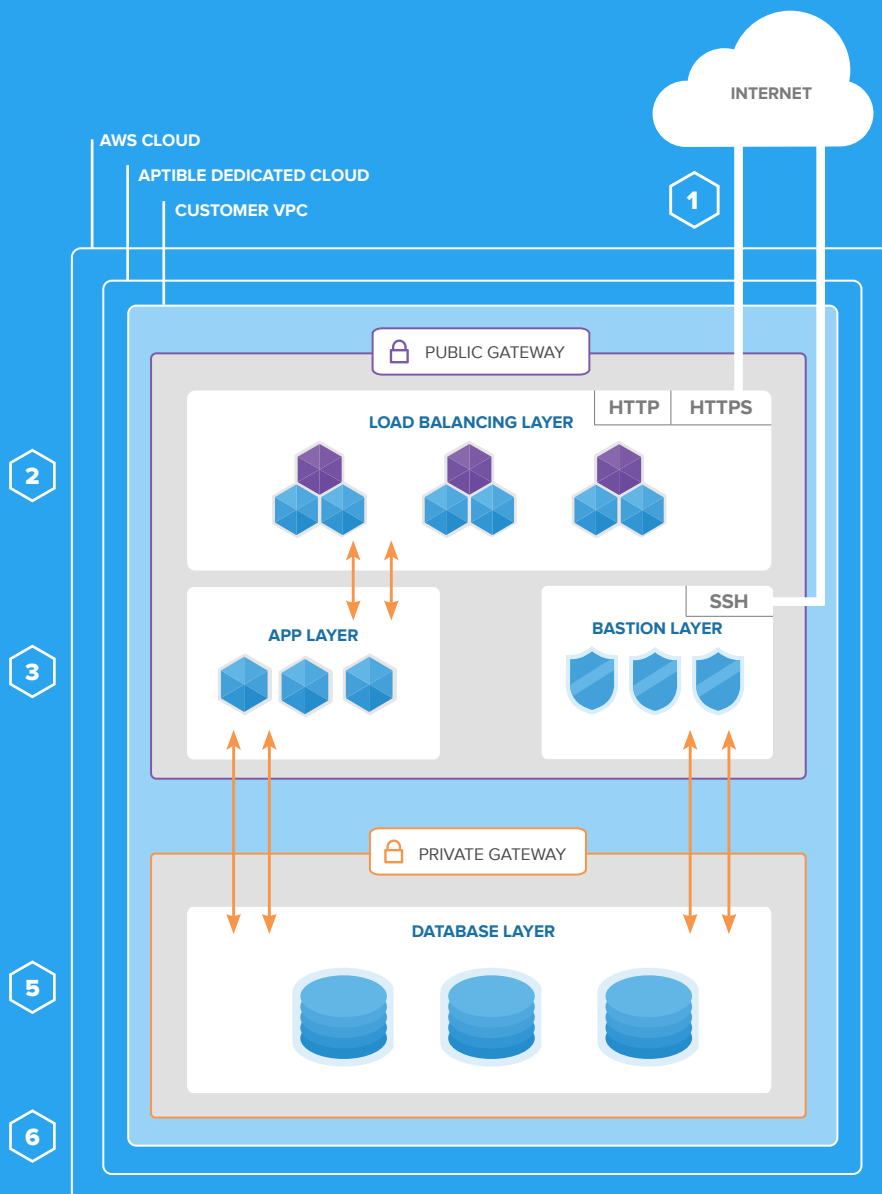


Aptible is a secure deployment platform for web and mobile applications, designed to streamline regulatory compliance. You get your own isolated, private environment to deploy highly available, scalable applications and databases. We manage servers, network topology, security, backups, encryption and access control.

And your engineers get to focus on building great products.

System Overview



1 Internet traffic is routed to an Aptible VHOST using a DNS provider of your choice.

2 The load balancing layer scales traffic across available app containers, enabling greater fault tolerance. HTTPS traffic is secured using industry best practices for SSL/TLS.

3 Application code runs in Docker containers in the app layer. Applications are highly portable across dev, testing, staging and production environments.

4 The bastion layer provides backend access for engineers. Access is restricted by Aptible's role-based control system. All access events are logged and audited for compliance.

5 Databases run in a private subnet, hidden from the outside Internet. Access is restricted to the app and bastion layers. Traffic to and from the database layer is encrypted within the network.

6 Database filesystems are encrypted and the keys stored in a separate logical environment, accessible only by Aptible. Encrypted backups are made nightly, or more often if you require.