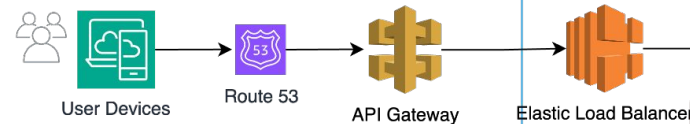


A Business-Critical Application

For a 99.99% (4-9s) HA Deployment



Application Characteristics

- 4-9s HA applications according to [availability chart](#), can have downtime of about 52 mins/year.
- Business-critical applications must be highly available and be tolerant to component failures and be able to absorb failures without needing to procure component failures.
- Examples are e-commerce applications and b2b web services.

We should design this by being able to be statically stable within a region. That means we need to be able to tolerate loss of one AZ without needing to provision new capacity or changing DNS etc..

