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Check SLA and Regional Availability

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Provider Candidates:

- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)
- DigitalOcean (App Platform)
- Render
- Oracle Cloud Infrastructure (OCI)

SLA:

Amazon Web Services (AWS):

- Depends on service
- Mostly around 99.9% 99.95%
- The main ones all give varying amounts of service credits
- Varying exclusions

Google Cloud Platform (GCP):

- VMs and instances are 99.99%, monitoring and logging is 99.95%
- For vms and instances, credits depend on service tier
- Credits possible for failure in monitoring/logging SLA
- Credit applied as percentage of monthly bill

DigitalOcean (App Platform):

- CPU Droplets, virtual servers, and block storage have 99.99%, app platform has 99.95%
- Credits available for failure
- Cant claim credit for a resource not up for a full billing period
- Excludes downtime for maintenance, misconfigurations of customers or outside dependencies

Render:

- No specific uptime guarantee
- No SLA agreement found

Oracle Cloud Infrastructure (OCI):

• Mostly tier structures, going from < 99.9% for 10% credit, < 99% for 25% credit and < 95% for 100% credit

• Covers availability, data plane, control plane and manageability

Regional Availability:

Geographic Regions (United States only):

Amazon Web Services (AWS):

- US West (Northern California)
- US East (Northern Virginia)
- US East (Ohio)
- US West (Oregon)

Google Cloud Platform (GCP):

- Phoenix
- Los Angeles
- Dallas
- Las Vegas
- Salt Lake City
- Oregon (low carbon impact)

DigitalOcean (App Platform):

- NYC1 (New York City)
- NYC2 (New York City)
- NYC3 (New York City)
- SFO2 (San Francisco)
- SFO3 (San Francisco)
- ATL1 (Atlanta)

Render:

- Oregon
- Ohio
- Virginia

Oracle Cloud Infrastructure (OCI):

- US East (Ashburn) (Oracle Interconnect for Azure) (Oracle Interconnect for Google Cloud)
- US Midwest (Chicago)
- US West (Phoenix) (Oracle Interconnect for Azure)
- US West (San Jose) (Oracle Interconnect for Azure)