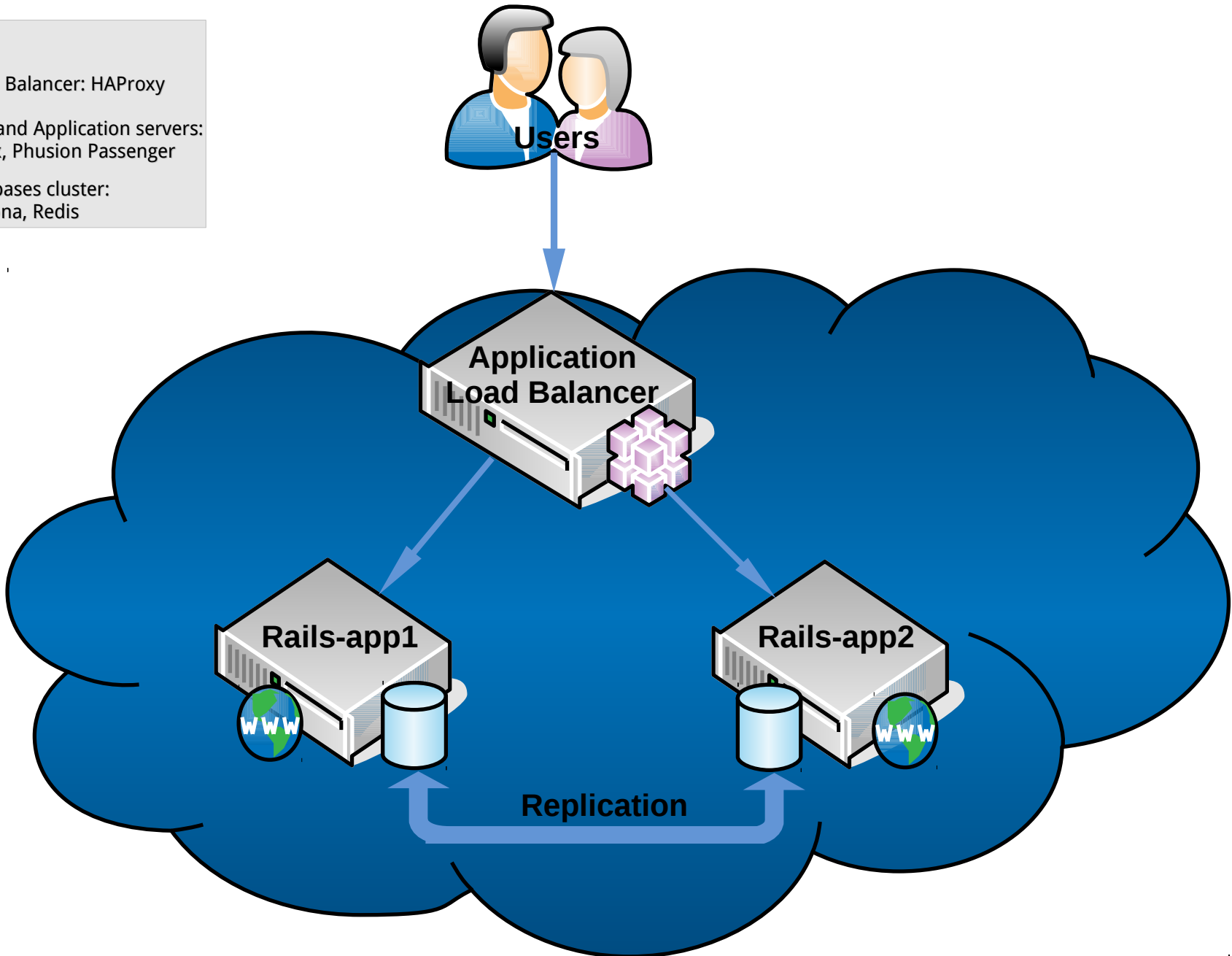
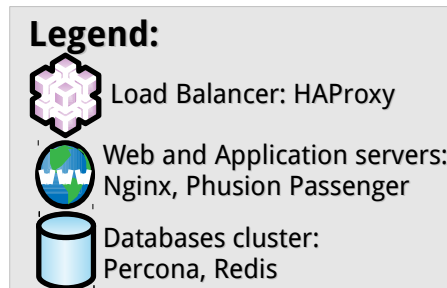
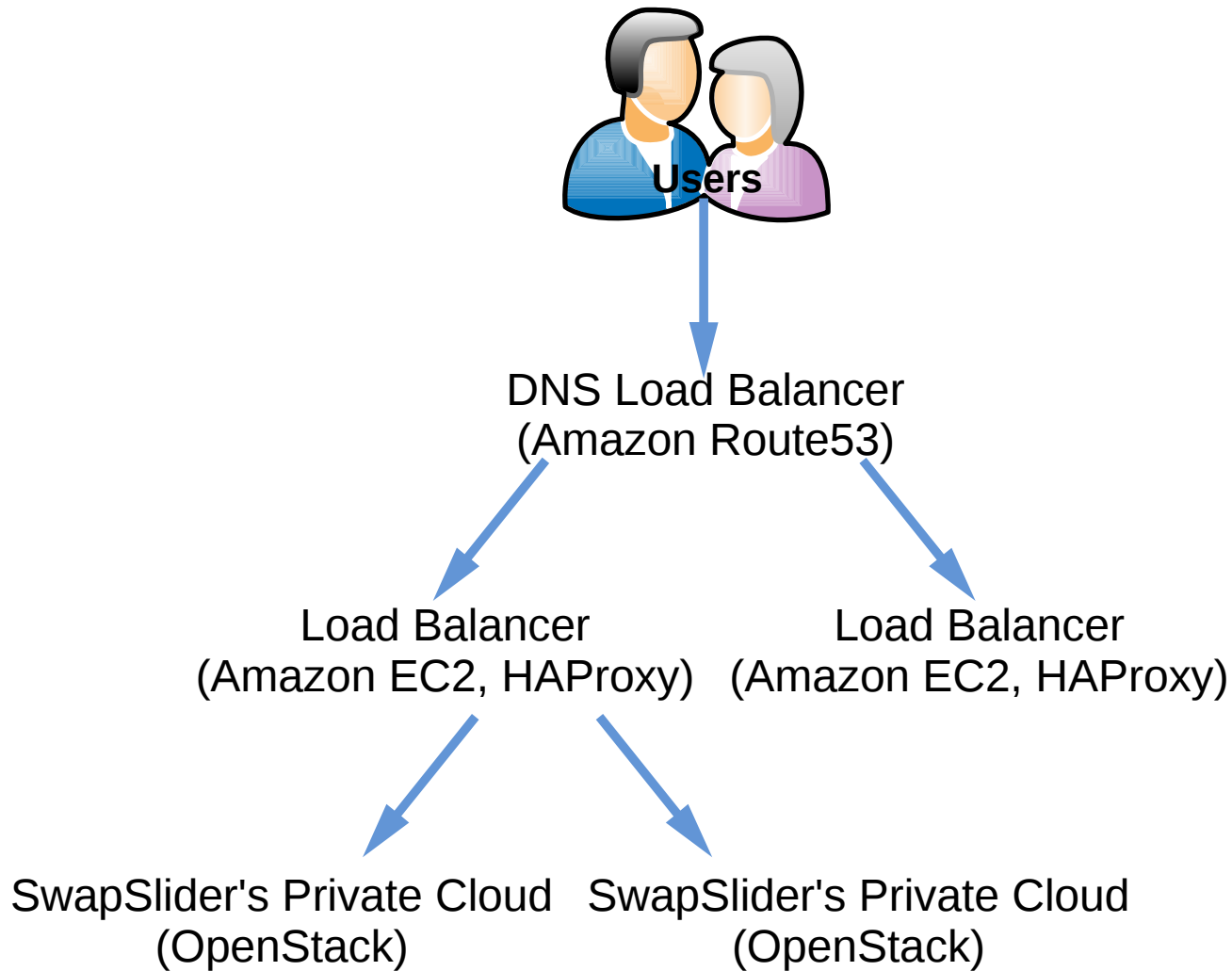




SwapSlider Private Cloud



Users flow



IT Infrastructure Specifications:

DNS Load Balancer: Amazon Route53

CDN: Amazon CloudFront

Storage: Amazon S3

Mail: Amazon SES

SMS: Twilio

Private Cloud Platform: OpenStack

Backend Platform: Ubuntu Server 14.04 LTS

Backend Language: Ruby on Rails

Backend Load Balancer: HAProxy

Web Server: Nginx

Application Server: Phusion Passenger

Databases: Percona, Redis

Configuration Management: Chef

Continuous Integration: Jenkins

SCM: Bitbucket

Monitoring: M/Monit

Backup: Bacula

Monthly charges for services (100,000 users):

| | |
|--------------------|---------------|
| Amazon Route53: | \$4 |
| Amazon CloudFront: | \$300 |
| Amazon S3: | \$500 |
| Amazon SES: | \$25 |
| Amazon EC2: | \$692 |
| Rackspace: | \$700 |
| OVH: | \$269 |
| Twilio: | \$750 |
| Bitbucket: | \$10 |
| Total: | \$3250 |

Monthly charges for services (1,000,000 users):

| | |
|--------------------|----------------|
| Amazon Route53: | \$40 |
| Amazon CloudFront: | \$0* |
| Amazon S3: | \$0** |
| Amazon SES: | \$250 |
| Amazon EC2: | \$6920 |
| Rackspace: | \$7000 |
| OVH: | \$2690 |
| Twilio: | \$7500 |
| Bitbucket: | \$10 |
| Total: | \$24410 |

* - We do not need Amazon CloudFront anymore,
because we will have enough servers in the major states of America.

** - Amazon S3 service will be implemented as a local service in our own private cloud.