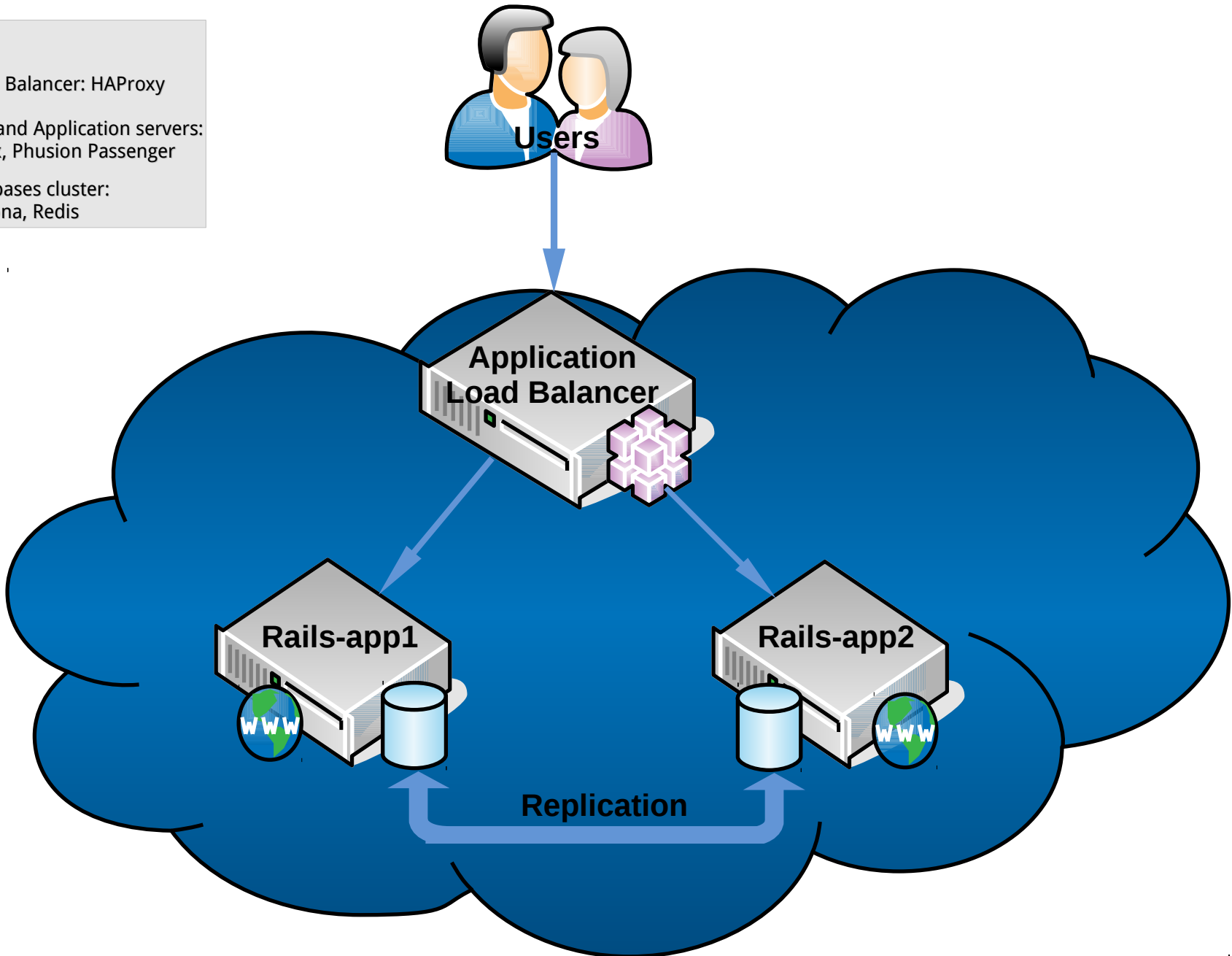
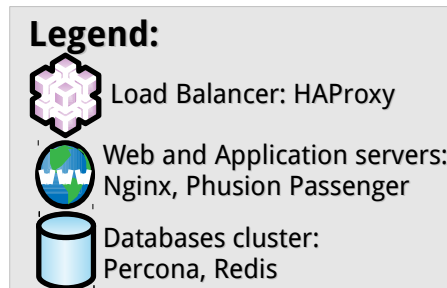
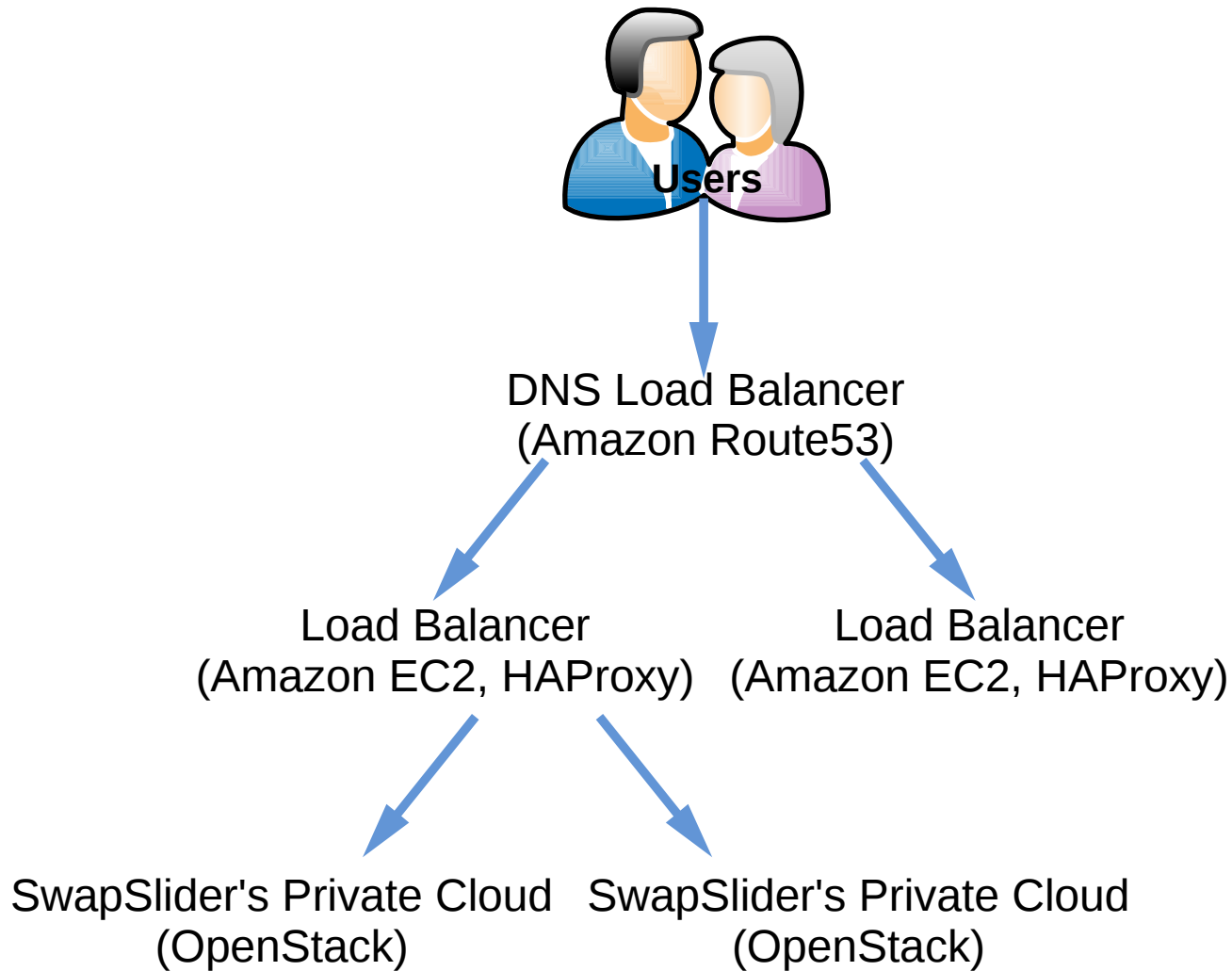




SwapSlider Private Cloud



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:	\$3000
Amazon S3:	\$5000
Amazon SES:	\$250
Amazon EC2:	\$6920
Rackspace:	\$7000
OVH:	\$2690
Twilio:	\$7500
Bitbucket:	\$10
Total:	\$32410