Simple HA Architecture for WebApp using AWS

Cloudfront

WWW

Users

IGW

VPC-1

APAC region

ELB

HA Proxy   HA Proxy

Private Subnet [App]   **Autoscaling enabled

ELB

AppClus-1   AppClus-2   SSL

Private Subnet [Intranet Shared]

Public Subnet [Apache]   **Autoscaling enabled

Apache-1   Apache-2   SSL

ELB

CloudWatch

iv

Nagios   Splunk

Redis - EC

Mem cache

Private Subnet [RDB]

Oracle-A   Oracle-B
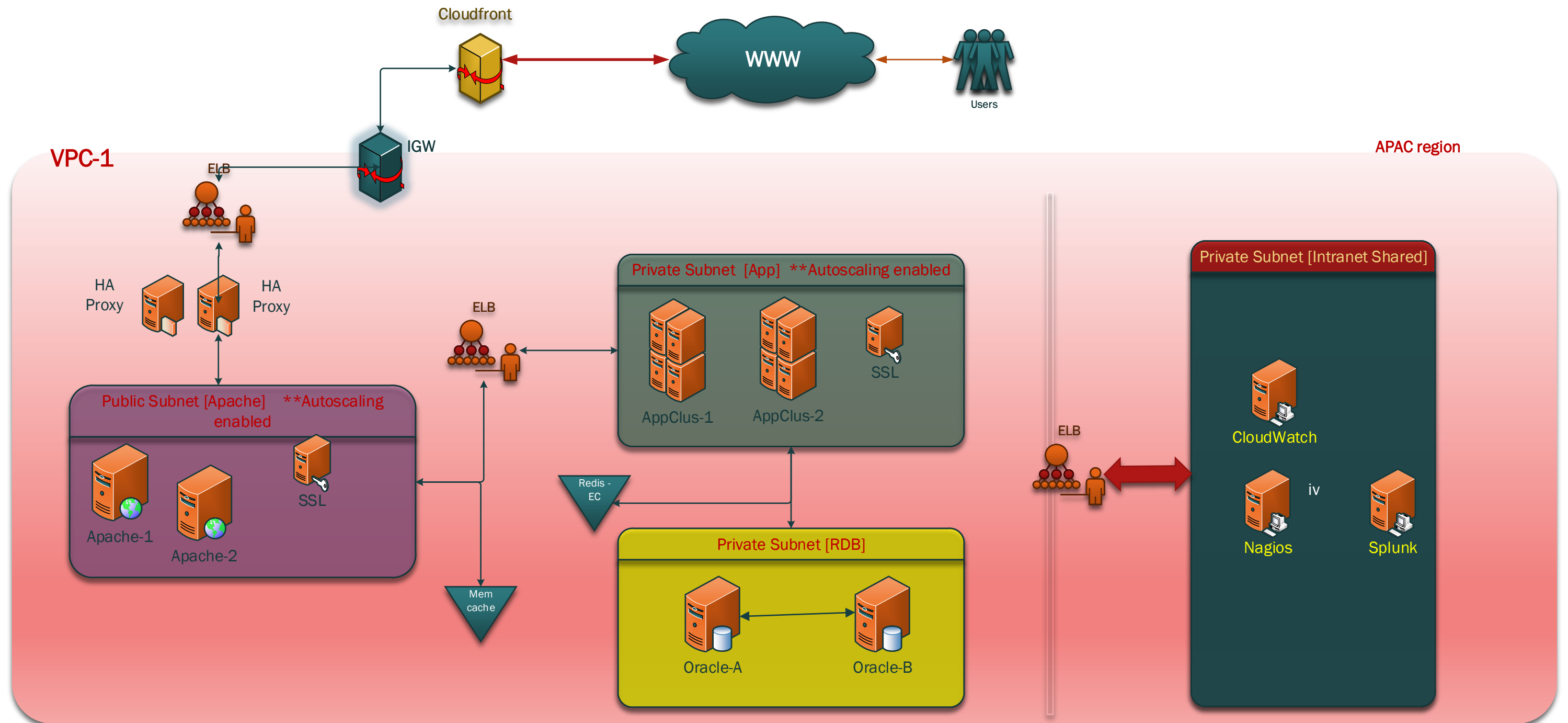
**EC2 – Linux
** Route53 – for DNS