

High Availability in LAMP Stack workshop

The workshop will show how to deploy LAMP Stack web application in a high availability environment to avoid single point of failure by utilizing different tools and technologies such as load balancer, clustering and distributed storage.

Workshop Level

Intermediate Level

Instructor

Samir Abdullatif

Requirements

- Knowledge about LAMP Stack
- Ability to install software in Linux
- Basic networking knowledge

OS, Software and tools used

Ubuntu 16.04 LTS,

- HAProxy
- Keepalived
- GlusterFS
- Percona XtraDB Cluster

Date & Time

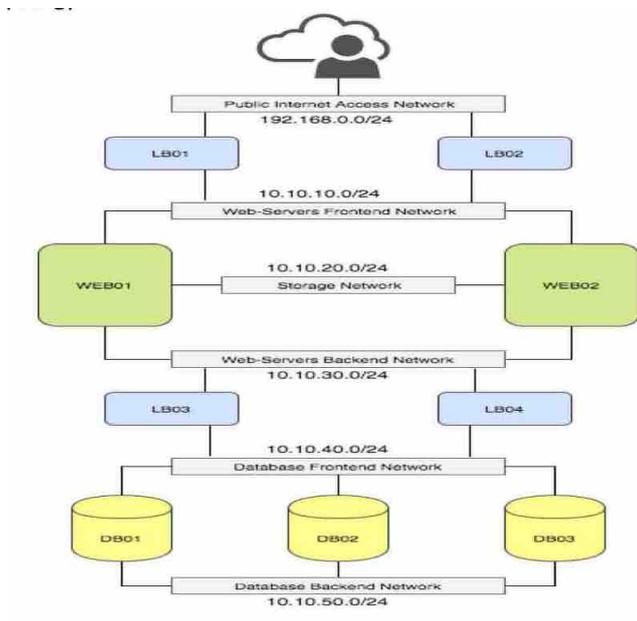
- Date: Saturday, x.x.x
- Time: 9:00AM - 4:30PM

Outline

- LAMP Stack
- Single Server Architecture vs. Multi-tier Architecture
- High Availability and Scaling

- Load balancing
- Floating IP
- Shared Storage
- Database Clustering

Lab topology



Registration

paste registration link here

Revision #1

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