



LEARN. NETWORK. EXPERIENCE OPEN SOURCE.

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Clustering for Rollouts

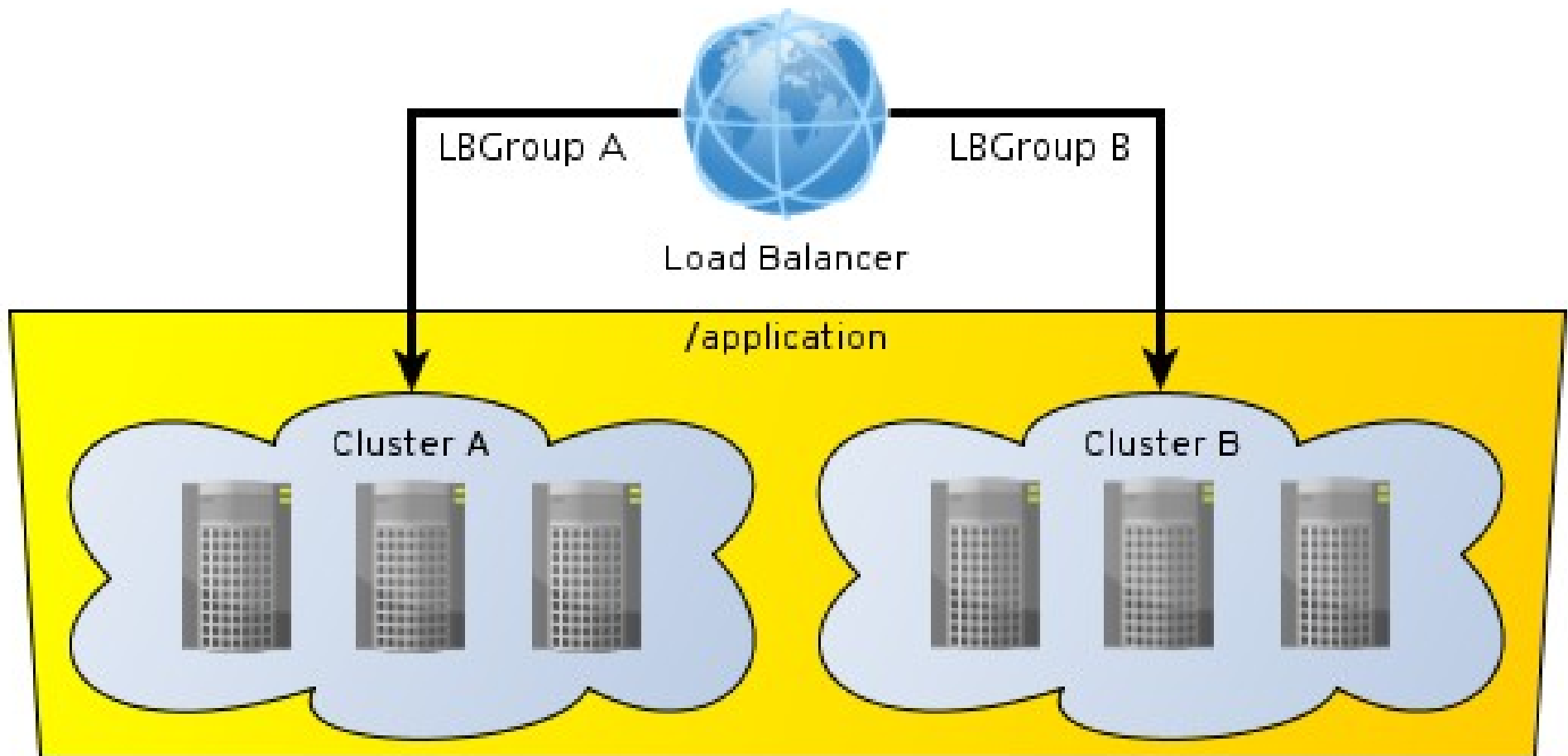
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06.12.13

Clustering for Rollouts with Red Hat JBoss Enterprise Application Platform 6



Key Configurations – domain.xml

```
<server-groups>
  <server-group name="group-clusterA" profile="full-ha">
    <jvm name="default">
      <heap size="512m" max-size="512m"/>
      <permgen max-size="256m"/>
    </jvm>
    <socket-binding-group ref="full-ha-sockets"/>
  </server-group>
  <server-group name="group-clusterB" profile="full-ha">
    <jvm name="default">
      <heap size="512m" max-size="512m"/>
      <permgen max-size="256m"/>
    </jvm>
    <socket-binding-group ref="full-ha-sockets"/>
  </server-group>
</server-groups>
```

Key Configurations – domain.xml

```
<mod-cluster-config  
  advertise-socket="modcluster"  
  auto-enable-contexts="false"  
  sticky-session-remove="true"  
  sticky-session-force="true"  
  load-balancing-group="$  
{mysysprops.lbgrou:default}"  
  connector="ajp">
```

Key Configurations – host.xml

```
<server name="serverA" group="group-clusterA">  
  <system-properties>  
    <property name="jboss.default.multicast.address"  
      value="230.0.1.1"/>  
    <property name="mysysprops.lbgroupp"  
      value="clusterA"/>  
  </system-properties>  
</server>
```

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- Lab: Performing a Rolling Upgrade
 - Set Up Server Cluster
 - Upgrade Application