

# Linux Container Virtualization

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**David Clinton**

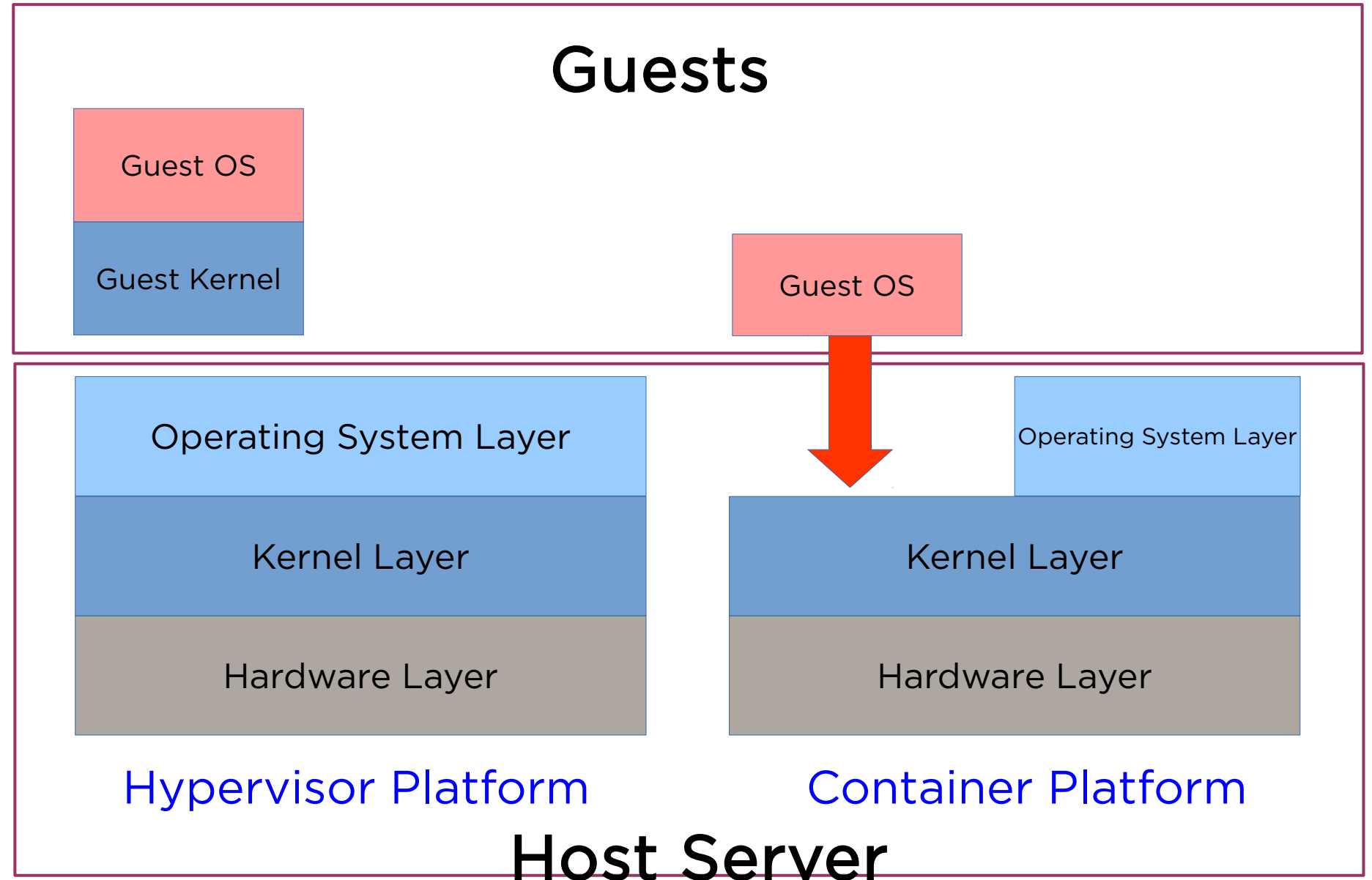
LINUX SYSTEM ADMINISTRATOR

@davidbclinton | [www.bootstrap-it.com](http://www.bootstrap-it.com) | [www.bootstrap-it.com/blog](http://www.bootstrap-it.com/blog)

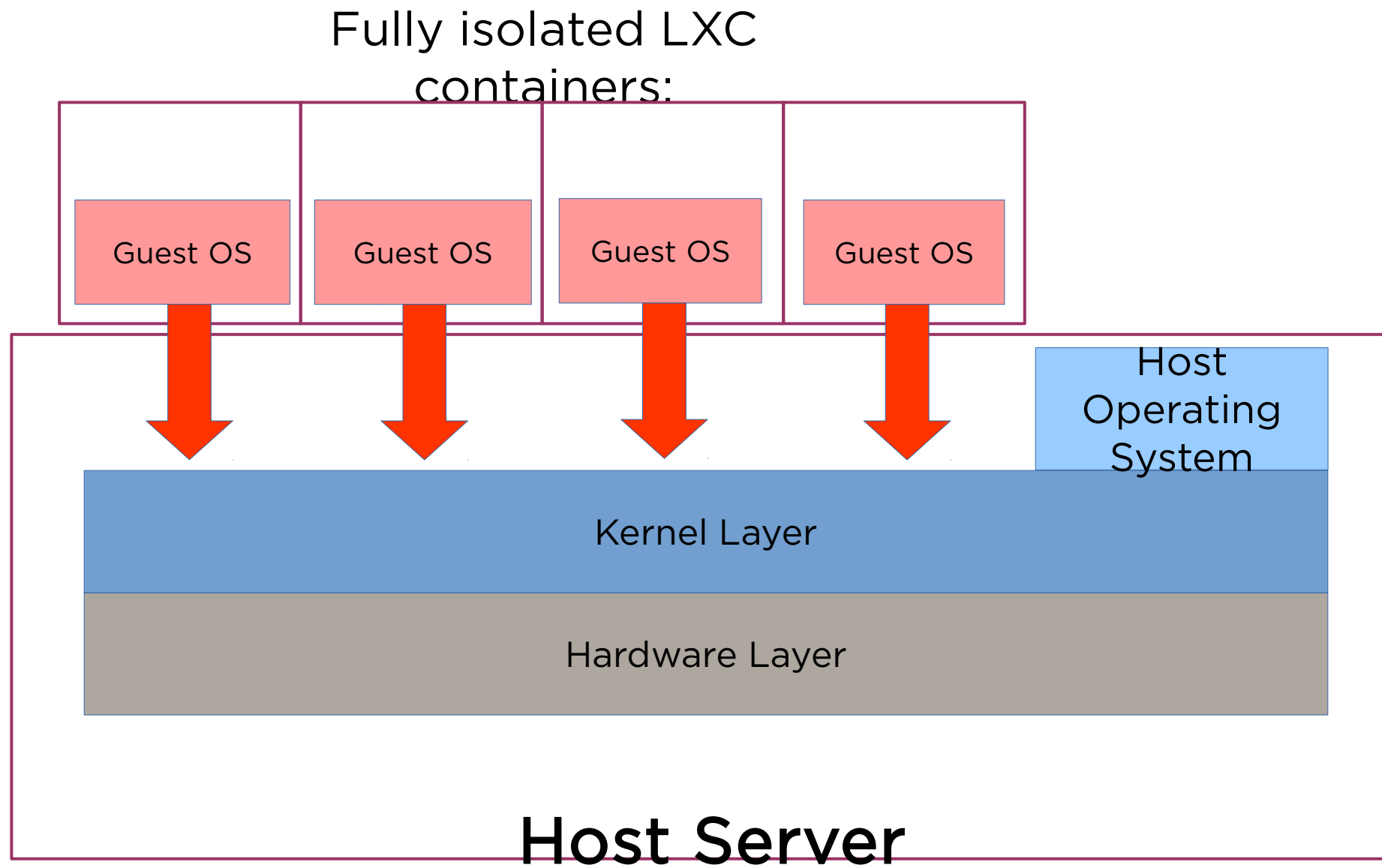
## LXC (Linux Containers)

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# Container Design



LXC  
Design



OpenVZ

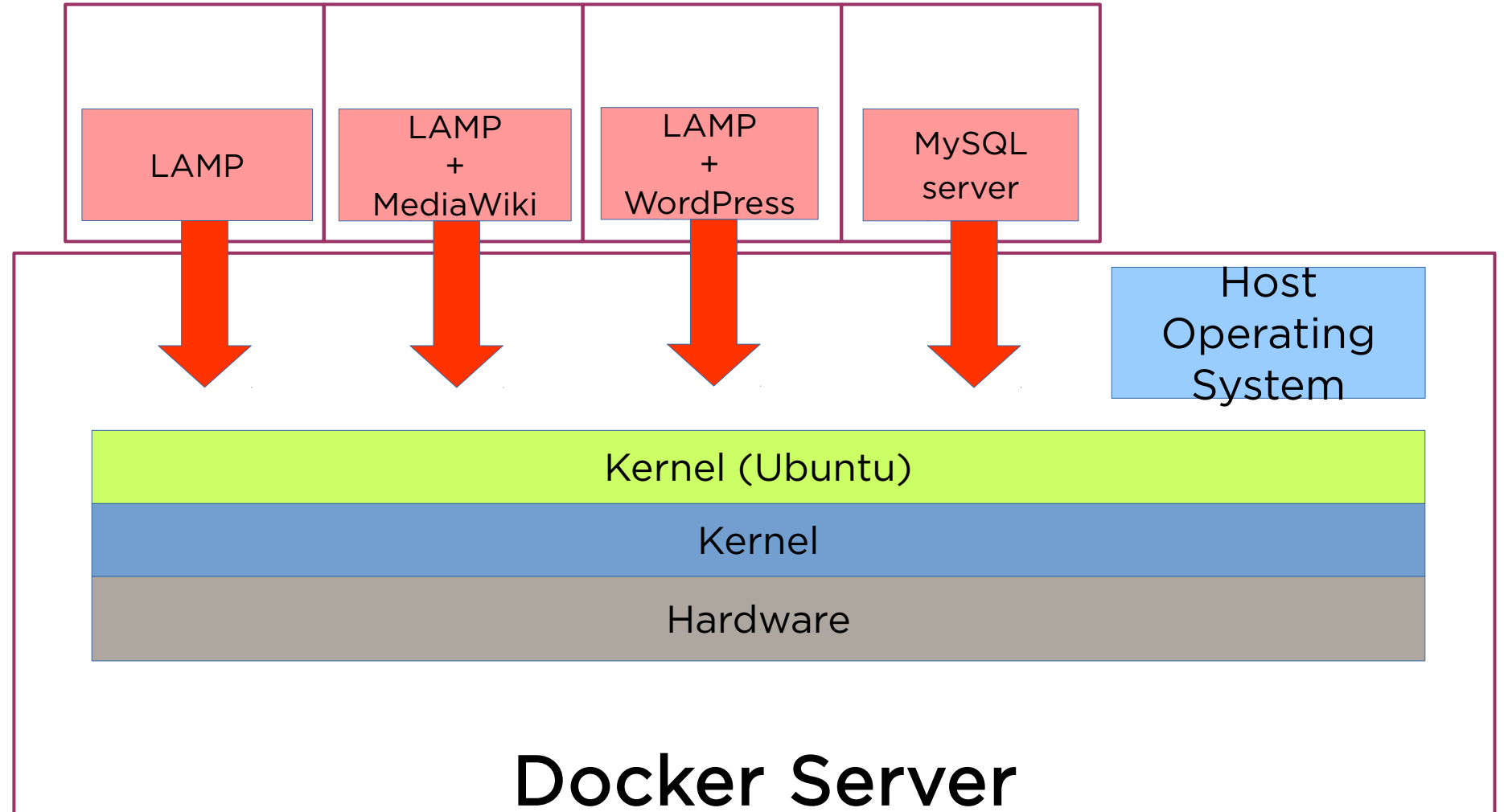
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Docker

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## Docker Design

Docker containers:



VirtualBox

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## Review

**lxc-ls --fancy**

lxc-create -t ubuntu -n myname

lxc-start -d -n myname

/var/lib/lxc/container-name/

wget [http://download.openvz.org/template/precreated/centos-5-x86\\_64.tar.gz](http://download.openvz.org/template/precreated/centos-5-x86_64.tar.gz)

vzctl create 101 --ostemplate centos-5-x86 --config basic

vzctl start 101

vzctl exec 101 apachectl start

vzctl enter 101

vzctl chkpnt 101 --dumpfile /vz/dump

vzmigrate --online 192.168.0.34 101

docker run -it ubuntu bash

docker ps

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