Isolation

Resource Limit

Namespaces

Control Groups (cgroups)

- Process ID (pid)

- Network (net)

- File System

- Interprocess Communication

- UTS

- User

- CPU

- RAM

- Disk IO

- Network

- etc

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Containers

- Available from linux kernel 2.6.24

- "unprivileged containers" - linux kernel 3.8, LXC 1.0

- Runs exactly same on any given environment