



Eric Wright <eric@discoposse.com>

Challenge due today! Can't wait to see the ideas :)

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To: Eric Wright <eric@discoposse.com>

Tue, Aug 5, 2014 at 6:35 PM

Hi Eric,

Here is my feature idea.

Feature Name: vContainers

Advanced container like support and portability for vSphere.

Objective: Enable vSphere to manage higher up in the application stack, and provide additional advanced container functionality.

Description:

- may integrate, or leverage existing technology such as Docker
- ability to choose the base OS for the virtual machine(s) which host(s) the containers (called a Transport)
- ability to create logical clusters (called a Fleet) of transports which share similar characteristics
- integration with vApps including the ability to start up or shutdown containers in a desired order, or other specific criteria
- integration with, or extension of App HA (perhaps Container HA)
- vMotion containers between one or more transports within a fleet
- HA enabled containers, and ability to restart containers in the event that a transport is lost
- ability to enable DRS at a container (or application) layer, which will maximize efficiency gains that could not be realized when only looking at VMs (Fleet Distributed Resource Scheduling - FDRS)

Thanks,

Joel

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