Michael Burke <mburke@redhat.com>

Re: [openshift-sme] OpenShift supporting OverlayFS

Renato Puccini <rpuccini@redhat.com>　　　　　　　　Tue, Aug 21, 2018 at 11:20 AM
To: dwalsh@redhat.com
Cc: openshift-sme <openshift-sme@redhat.com>

Hi,

according to the docs[1], the recommendation is to use device-mapper thin pool?
"*Red Hat strongly recommends using the DeviceMapper storage driver in thin-pool mode for production workloads.*"

Should the docs be **upgraded/reworded**, so the recommendation is overlayFS2 (since it has better design and performance)?

[1] https://docs.openshift.com/container-platform/3.9/scaling_performance/optimizing_storage.html#comparing-overlay-graph-drivers

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On Fri, Aug 4, 2017 at 10:51 AM Daniel Walsh <dwalsh@redhat.com> wrote:
> On 08/04/2017 09:46 AM, Ryan Howe wrote:

>> Hi,

>> With 7.4 we started supporting OverlayFS and OverlayFS2.

>> Since this is a docker storage driver I would assume that any one on 7.4 using docker 1.12 would be able to use overlayfs with OpenShift 3.4+

>> I dont know how we QA this but would overlayfs2 work for OpenShift 3.4+ on RHEL 7.4 with out issue? Or will this only be supported in 3.6+, if yes any reason why besides we only test it with 3.6. Also do we have any data on the performance benefit using Overlayfs?

> Both are supported, but you should only use overlay2, it is a better design. Upstream docker should have dropped overlay support and replaced it with overlay2. In CRI-O we have made them the same

> thing.

>> Best,
>> Ryan Howe

>> --
>> Ryan Howe | Sr. Technical Support Engineer
>> Customer Experience and Engagement
>> Red Hat
>> Phone: 919-890-8273

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>> Have a question?
>> First, check the FAQ: https://pnt.redhat.com/pnt/p-734673/openshift-con...-Jun-2017.pdf
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Then, check the rest of PnT: https://engineering.redhat.com/pnt/b-73685/OpenShift
Did you read the docs? https://docs.openshift.com/container-platform/latest/welcome/index.html
Finally, check the archives: http://post-office.corp.redhat.com/archives/openshift-sme/