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Subject: Re: [BUG][cryo] Create file on restart ?  
Posted by [Oren Laadan](#) on Thu, 17 Jul 2008 23:22:52 GMT  
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sukadev@us.ibm.com wrote:

> Serge E. Hallyn [serue@us.ibm.com] wrote:  
> | Quoting sukadev@us.ibm.com (sukadev@us.ibm.com):  
> | > Serge E. Hallyn [serue@us.ibm.com] wrote:  
> | > | Quoting sukadev@us.ibm.com (sukadev@us.ibm.com):  
> | > | >  
> | > | > cryo does not (cannot ?) recreate files if the application created  
> | > |  
> | > | I think that's for the best.  
> | > |  
> | > | Don't you?  
> | >  
> | > I can understand that configuration or data files should exist, but  
> | > not sure about temporary or log files that an application created  
> | > upon start-up and expects to be present. Should the admin find  
> | > out about them and create them by hand before restart ?  
> |  
> | I think the admin should have set the destination environment such that  
> | the task is restarted in the same network fs in the same directory, with  
> | no files having been deleted.  
>  
> or new files created ? For instance if the application was checkpointed  
> before it created a temporary file with O\_EXCL flag, that temporary  
> file must not exist when restarting ?  
>  
> |  
> | Am I wrong?  
>  
> So we take a snapshot of the FS and checkpoint the application. Do they  
> need to be atomic ?

Yes they do, in the sense that the FS must be snapshotted when the container is quiescent to ensure consistency.

Oren.

>  
> Eitherway, I withdraw the bug :-)  
>  
\_\_\_\_\_  
> Containers mailing list  
> Containers@lists.linux-foundation.org  
> <https://lists.linux-foundation.org/mailman/listinfo/containers>

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Containers mailing list

