IBM Spectrum Scale Strategy Days 2021

Container Native Storage Access

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What is IBM Spectrum Scale container native storage access?

IBM Spectrum Scale container native storage access (CNSA) supports the Red Hat OpenShift Container Platform with a fully containerized deployment.

This allows deployment of IBM Spectrum Scale on Red Hat CoreOS worker nodes where classic packages cannot be installed.



Spectrum Scale & containers (past / present / future)



SystemZ, Power, x86: RHCOS OpenShift support with Cloud Native + CSI

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Evolution of IBM Spectrum Scale containers





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Operator Deployment prep

IBM Spectrum Scale container native install flow continued





CSI deployment

What's next

- Image registry
- Currency
- stacked master/worker configs
- deeper integration CNSA/CSI
- CNI support
- Encryption
- AFM
- vanilla k8s
- ECE
- new S3 compatible object stack
- containerized protocol stack



