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An initial evaluation of Docker at the RACF

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Application containers have become a competitive alternative to virtualized servers. Containers allow applications to be written once, distributed across a heterogeneous environment (ie, cloud, remote data centers) and executed transparently on multiple platforms without the performance overhead commonly found on virtual systems. We present an initial evaluation of Docker, along with a description of the testbeds and the sample applications used to simulate a distributed computing environment, and we examine the pros and cons of Docker containers in the RACF environment.

Length of presentation (max. 20 minutes)

20

Primary authors: ZAYTSEV, Alexandr (Brookhaven National Laboratory (US)); HOLLOWELL, Christopher (Brookhaven National Laboratory); CARAMARCU, Costin (Brookhaven National Laboratory (US)); Mr ZUHUSKY, Joseph (Brookhaven National Laboratory); Mr RAO, Tejas (Brookhaven National Laboratory); WONG, Tony (Brookhaven National Laboratory); STRECKER-KELLOGG, William (Brookhaven National Lab)

Presenter: HOLLOWELL, Christopher (Brookhaven National Laboratory)

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