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SAS Analytics on Red Hat Enterprise Linux Reference Architecture

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ABSTRACT

To help out customers who are running SAS on Red Hat Enterprise Linux, engineers from Red Hat, Intel, NEC, and SAS have collaborated to conduct extensive tests of SAS Analytics. The tests were done with SAS 9.2 on a NEC Express5800/GX Server with eight Nehalem EX processors (each with 8 cores) running Red Hat Enterprise Linux 5.4, but the findings are applicable to many other Intel systems running Red Hat Enterprise Linux. The testing scenarios and scripts were developed by engineers at SAS to simulate a typical customer's use of SAS Analytics to include: many simultaneous SAS jobs/users, independent SAS jobs, independent and shared data, many passes through the data, predominantly sequential file access, mixed data set formats, a wide range of data volumes, and a mix of computational and data processing workloads. In this session you will hear about lessons learned and best practices for running SAS Analytics on Red Hat Enterprise Linux.

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