USE Aligns with Intel for High Performance Computing Stack

SUSE Linux Enterprise Server for High Performance Computing is included and supported as an option by new Intel HPC Orchestrator

Johannesburg, South Africa – June 21, 2016 – SUSE has announced Intel will distribute SUSE Linux Enterprise Server for High Performance Computing as an option for the recently introduced Intel HPC Orchestrator, an Intel-supported HPC system software stack. SUSE Linux Enterprise Server is the first commercially supported Linux to be included as an operating system option with Intel HPC Orchestrator system software stack, and the companies will offer joint support for the combined solution. As a result, enterprise customers can accelerate innovation with faster access to relevant, business-changing data. Intel HPC Orchestrator, powered by SUSE Linux Enterprise Server for HPC, reduces the burden of integrating and validating an HPC software stack. It greatly simplifies ongoing maintenance and support by aligning new components and optimisations driven by the OpenHPC community.

"HPC is no longer just for specialised scientific projects," said Michael Miller, president of strategy, alliances and marketing for SUSE. "Today HPC is converging with big data analytics, IoT, machine learning and robotics to open up a whole new era of computing potential. The SUSE and Intel collaboration on Intel HPC Orchestrator and OpenHPC puts this power within reach of a whole new range of industries and enterprises that need data-driven insights to compete and advance. This is an industry-changing approach that will rapidly accelerate HPC innovation and advance the state of the art in a way that creates real-world benefits for our customers and partners."

Charles Wuischpard, vice president, Data Center Group, general manager, High Performance Computing Platform Group, at Intel, said, "Intel HPC Orchestrator was developed to help organisations simplify the deployment, maintenance and support of their HPC systems. Enterprises which adopt the Intel HPC Orchestrator with SUSE Linux Enterprise Server can benefit from open source innovation while having the peace of mind of an integrated and validated stack of HPC software with Intel and SUSE support."

The Intel HPC Orchestrator with SUSE Linux Enterprise Server for HPC allows customers to run a fully supported stack for HPC workloads. Along with providing joint support to give enterprises a one-stop

support experience, [SUSE and Intel](#) will collaborate to optimise SUSE Linux Enterprise Server for Intel HPC system software. In addition, Intel uses the open source [Open Build Service](#) to build and release the Intel HPC Orchestrator system software. The Open Build Service – which is also used to generate SUSE Linux Enterprise products – is an openSUSE project that provides a comprehensive distribution development platform.

Steve Conway, IDC research vice president, high performance computing, said, "The collaboration of Intel and SUSE – two key providers of high performance computing technology – aims to bring important benefits to enterprise users by simplifying and speeding HPC deployments for faster results. Intel HPC Orchestrator with SUSE Linux Enterprise Server is designed as a complete, supported HPC stack from a Linux-for-HPC powerhouse and the HPC market's leading processor manufacturer."

Intel HPC Orchestrator with SUSE Linux Enterprise Server will be available from Intel in the fourth quarter of 2016. For additional information about the SUSE and Intel collaboration, visit www.suse.com/intel-suse-hpc-stack. For more about SUSE Linux Enterprise Server for HPC, see www.suse.com/products/server/hpc.html.

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