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AMD's SeaMicro SM15000 Server Achieves Certification for Red Hat OpenStack

BOSTON, MA -- (Marketwired) -- 06/12/13 -- *Red Hat Summit* - AMD (NYSE: AMD) today announced that its SeaMicro SM15000™ server is certified for Red Hat® OpenStack, and that the company has joined the Red Hat OpenStack Cloud Infrastructure Partner Network. The certification ensures that the SeaMicro SM15000 server provides a rigorously tested platform for organizations building private or public cloud Infrastructure as a Service (IaaS), based on the security, stability and support available with Red Hat OpenStack. AMD's SeaMicro solutions for OpenStack include "Nova in a Box" and "Swift in a Rack" reference architectures that have been validated to ensure consistent performance, supportability and compatibility.

The SeaMicro SM15000 server integrates compute, storage and networking into a compact, 10 RU (17.5 inches) form factor with 1.28 Tbps supercompute fabric. The technology enables users to install and configure thousands of computing cores more efficiently than any other server. Complex time-consuming tasks are completed within minutes due to the integration of compute, storage and networking. Operational fire drills, such as setting up servers on short notice, manually configuring hundreds of machines and re-provisioning the network to optimize traffic are all handled through a single, easy-to-use management interface.

"AMD has shown leadership in providing a uniquely differentiated server for OpenStack deployments, and we are excited to have them as a seminal member of the Red Hat OpenStack Cloud Infrastructure Partner Network," said Mike Werner, senior director, ISV and Developer Ecosystems at Red Hat. "The SeaMicro server is an example of incredible innovation, and I am pleased that our customers will have the SM15000 system as an option for energy-efficient, dense computing as part of the Red Hat Certified Solution Marketplace."

AMD's SeaMicro SM15000 system is the highest-density, most energy-efficient server in the market. In 10 rack units, it links 512 compute cores, 160 gigabits of I/O networking and more than five petabytes of storage with a 1.28 Terabits-per-second high-performance supercompute fabric, called Freedom™ Fabric. The SM15000 server eliminates top-of-rack switches, terminal servers, hundreds of cables and thousands of unnecessary components for a more efficient and simple operational environment.

"We are excited to be a part of the Red Hat OpenStack Cloud Infrastructure Partner Network because the company has a strong track record of bridging the communities that create open source software and the enterprises that use it," said Dhiraj Mallick, corporate vice president and general manager, Data Center Server Solutions, AMD. "As cloud deployments accelerate, AMD's certified SeaMicro solutions ensure enterprises are able realize the benefits of increased efficiency and simplified operations, providing them with a competitive edge and the lowest total cost of ownership."

AMD's SeaMicro server product family currently supports the next-generation AMD Opteron™ ("Piledriver") processor, Intel® Xeon® E3-1260L ("Sandy Bridge") and E3-1265Lv2 ("Ivy Bridge") and Intel® Atom™ N570 processors. The SeaMicro SM15000 server also supports the Freedom Fabric Storage products, enabling a single system to connect with more than five petabytes of storage capacity in two racks. This approach delivers the benefits of expensive and complex solutions such as network attached storage (NAS) and storage area networking (SAN) with the simplicity and low cost of direct attached storage.

About AMD
AMD (NYSE: AMD) is a semiconductor design innovator leading the next era of vivid digital experiences with its ground-breaking AMD Accelerated Processing Units (APUs) that power a wide range of computing devices. AMD's server computing products are focused on driving industry-leading cloud computing and virtualization environments. AMD's superior graphics technologies are found in a variety of solutions ranging from game consoles, PCs to supercomputers. For more information, visit http://www.amd.com.

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