I/O's Future: PCI-X/InfiniBand

Presentation #557

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Target Audience:
   All
Technical Level:
   Intermediate/Novice

Two-line Summary:

This presentation will compare and contrast PCI, PCI-X, and InfiniBand technologies and will demonstrate how HP's solutions deliver on key customer value propositions.

What attendees will learn:

1. What the key challenges are for I/O in the future
2. How PCI-X and InfiniBand technologies can address these challenges
3. How HP products incorporating these technologies will deliver value to the customer

Abstract:

This presentation will compare and contrast PCI, PCI-X, and InfiniBand Architecture. HP co-developed PCI-X and InfiniBand I/O as the next generations of I/O architectures. This presentation will cut away the hype surrounding these technologies, explain the pros and cons of each technology, describe how HP is already delivering innovative I/O designs that offer today what the competition promises for the future, and provide a glimpse into the future of I/O architecture and its impact on solution design and delivery.

Biographical Sketch:

Joe Cowan is a computer systems architect in HP's Business Systems and Technology Organization, where he is focusing on I/O Architecture and serving as HP's representative to Infiniband's Software Workgroup. Before that, he served as one of HP's representatives in the consortium that initially developed PCI-X. Earlier in his 21-year career with HP, Mr. Cowan managed OS software development, specializing in clustered systems, U.S. Government security, open standards, and cryptographic security.