



Jim Pinkerton, Architect, Windows Server Division, Microsoft

BIOGRAPHY

Jim Pinkerton is currently an architect in the Windows Server division of Microsoft. His primary role is architecting private cloud solutions, including networking, storage, fabric, and management at scale. In that role, he was the lead architect for Microsoft's "Cloud Platform System" (CPS). Previously Jim worked as a storage architect on advanced scale-out file servers, including working as the lead architect on the SMB3 file access protocol. SMB3 supports transparent server and network failover, high performance fabrics such as RDMA 100 gigabit Ethernet, peer-to-peer distributed access, and highly optimized WAN/branch office access. Prior to that he was a network architect in the Windows core networking team, working on Scalable Networking technologies and advanced network device interfaces such as RDMA, IPSec, RSS, and the Chimney architecture.

Jim has helped create standards within SNIA, IETF, ANSI T11, InfiniBand Trade Association, DMTF, and the RDMA Consortium, including co-chairing some of the technical working groups and authoring some of the specifications. He has helped create industry interop events through both SNIA and the UNH IOL Consortium.

Prior to Microsoft, Jim was a principal engineer at Silicon Graphics, working on high speed networking, storage, and HPC. Jim has a B.S.E.E from MIT and a masters in CS from the University of New Mexico.