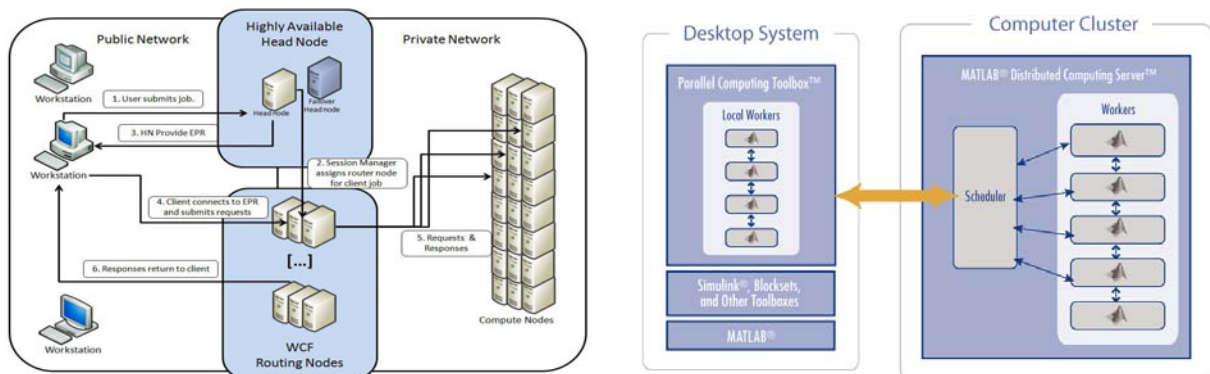


INTRODUCING WINDOWS HPC SERVER 2008

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Windows HPC Server 2008 combines the power of a Windows 64-bit Server platform with rich, out-of-the-box functionality to improve the productivity, and reduce the complexity, of your HPC environment. Windows HPC Server 2008, provides a comprehensive set of deployment, administration, and monitoring tools that are easy to deploy, manage, and integrate with your existing infrastructure. Windows HPC Server 2008 enables broader adoption of HPC by providing a rich and integrated end-user experience scaling from the desktop application to the clusters. A wide range of software vendors, in various verticals, have designed their applications to work seamlessly with Windows HPC Server 2008 so that users can submit and monitor jobs from within familiar applications without having to learn new or complex user interfaces. Developing parallel programs requires integrated development environments along with support for distributed computing standards. Visual Studio® 2008 provides a comprehensive parallel programming environment for Windows HPC Server 2008. In addition to supporting OpenMP, MPI, and Web Services, Windows HPC Server 2008 also supports third-party numerical library providers, performance optimizers, compilers, and a native parallel debugger for developing and troubleshooting parallel programs.



MATLAB and Simulink enable engineers and scientists to concentrate on problem solving, and not spending their time programming. The MATLAB development environment lets you interactively analyze and visualize data, develop algorithms, and manage projects. With Parallel Computing Toolbox and MATLAB Distributed Computing Server users can tackle even larger problems than before by exploiting the computing power of a group of networked computers managed by Windows HPC Server 2008.

Main features:

- **User-friendly, full scale and reliable supercomputing in the MATLAB/Simulink environment**
- ENHANCED PRODUCTIVITY
- SCALABLE PERFORMANCE
- QUICKLY DEPLOY AMANAGEABLE INFRASTRUCTURE
- MONITORING, SYSTEM HEALTH, AND REPORTING
- A FOUNDATION FOR HIGH-PERFORMANCE SERVICE ORIENTED APPLICATIONS (SOA)
- NETWORKING AND HIGH-SPEED INTERCONNECTS
- INTERACTIVE SESSIONS THROUGH THE WCF