

Customer Success Stories
PeBL
KnowledgeWorks, Inc., USA



PeBL is a unique classroom tool that supports a more student-centered 21st Century learning environment. PeBL provides a space for teachers to create and support a rigorous project-based curriculum and helps formalize assessment of new age skills like collaboration and critical thinking.

The system is hosted on IBM WebSphere 6.1 Portal Server on AIX platform in a clustered network.

We were involved in various phases and projects with the customer which includes:

Performance Management

To profile and collect Performance Management data, a short-term geographically distributed infrastructure was developed. Then a load of thousands of virtual users was simulated by using automated stress testing tools combined with parameterized test scripts.

The server and services performance data was also collected using network monitoring tools and then all the test cases were profiled by correlating all performance metrics.

Network Monitoring and Support

Implemented a Network Monitoring infrastructure by setting up geographically separated servers collecting vital network and servers statistics. The monitoring servers also hosts web based monitoring and support tickets management tools. This enabled the monitoring and support team to have eyes on vital statistics 24x7. This monitoring setup is in place since Jan 2009.

Upgrade to IBM WebSphere 6.1

A smooth upgrade from WebSphere 6.0 to WebSphere 6.1 was orchestrated with only few hours of downtime on production servers and no major run time issues after changeover. At the same time the JVM was also upgraded to 64 bit and a new node in the cluster was incorporated.