

New Application Certification

Minimize Uncertainty and Create Realistic Performance Expectations

Implementing a new application brings many challenges. Will it scale and perform as expected? What is the best architecture, and what are the best hardware, software and DBMS platforms for this application? How will it take advantage of parallel processing? How will the implementation of the new application affect the performance of existing production applications? If the application does not perform as planned, what can be done to improve performance?

Leverage the Industry Experts

BEZ Systems offers the *New Application Certification ProService Pak* so you can draw on industry experts to answer all these critical questions. An experienced BEZ performance consultant with in-depth knowledge in the area of the DB2 UDB, Oracle and Teradata application sizing will use BEZ software and our Strategic Performance Management methodology to certify the performance of a new application. You will establish a structured, proactive approach for continuous performance management for new applications.

ProService Paks from BEZ Systems

BEZ provides the expertise to help you implement best practices using our Strategic Performance Management methodology. Services are available in the form of “Paks”, which are pre-defined service offerings that assist customers in the implementation and roll out of BEZ solutions. Each ProService Pak focuses on the customer’s specific needs and offers clear deliverables. You can harness the power of BEZ technology and swiftly take advantage of the robust features of BEZ software.

Customer Responsibilities

The *New Application Certification ProService Pak* requires the assistance of a DBA during the product installation. You provide a dedicated PC and your DBA performs the initial setup of the BEZ software, with assistance from BEZ.

You also provide a characterization of the expected growth in the number of users and the volume of data, and the BEZ tools will collect required performance measurement data in test/development and production environments, including CPU utilization and user activity. Since most of the service will be provided from BEZ headquarters, we will require remote access to the local PC running BEZ software.

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Services To Be Performed by BEZ

This ProService Pak is delivered in two phases. Phase One lasts one month, and it focuses on performing a sizing of the new application, predicting capacity requirements and developing performance expectations for new and existing workloads. It includes the implementation of BEZ software and the Strategic Performance Management methodology.

BEZ will build a resource consumption and data use profile of the new application and model it on a development machine before implementing it in production. BEZ will predict how the application will perform and how it will impact existing workloads.

BEZ will also document performance prediction results that set performance expectations for new and existing workloads. Performance expectations include predicted response time, throughput, CPU and I/O rates based on the expected growth in the number of users and the volume of data. BEZ will provide a summary report of findings, including recommended hardware upgrades and performance improvement recommendations.

Phase Two lasts two weeks and includes comparison of the actual performance measurements with expectations. It includes an assessment of the new application implementation and its impact on existing workloads, and if deviations are significant, a root-cause analysis will be completed. BEZ will provide a report and a presentation of findings with performance management recommendations.

About BEZ Systems

BEZ Systems is the leading provider of predictive performance management solutions. Companies with large database applications, such as data warehouses, rely on BEZ software and BEZ ProService Paks to help them consistently deliver expected service levels to business users. BEZ software delivers the ability for IT to look ahead and proactively plan and manage resources and data so they can focus on satisfying the most critical business requirements. In this way, BEZ software complements the many existing database performance monitoring and tuning technologies used by IT to react to problems.