

ROSS SAMPSON CONSULTING

Additional Information on Database Services

Database Administrators are expensive. To a small business, having a DBA on staff full time may not be cost effective, even though database services are required. A possible solution is to assign one of your developers to perform database activities, but that greatly reduces the developer's productive time writing code and it doesn't get you a database expert. A better solution is to take advantage of Ross Sampson Consulting's database services. We can provide the expertise you need on a temporary basis, saving the expense of having a full-time DBA and keeping your developers dedicated to development efforts.

The comfort of having an available skilled resource is important for regular database maintenance and even more important when you're considering any type of data migration activities. And there's no substitute for a qualified professional if you need a new database design or want to move your business critical information to another database. Ross Sampson Consulting can offer advice on the best database choice for your data and your business, in addition to supporting your current and future database needs.

Our level of commitment:

- The initial step in our Database Services is a full analysis, which is done on a "project" contract basis. After gathering pertinent information from you about your current or proposed database, a project estimate is developed with the time and cost of the analysis effort. We feel a full project is the only way to accomplish a thorough analysis of your database needs. Our analysis effort will begin after your approval of the project.
- Database Services – contracts are on a "retainer" (maintenance) basis. These services are only offered after an analysis project has been completed. Retainer contracts form a relationship between Ross Sampson Consulting and your company, and ensure a level of commitment on both sides.

What to expect:

Database Analysis – The first and most important step is a full analysis of your current/proposed database, how it is used by your software applications, and *how it is used in your business*. This analysis will allow us to understand current or propose suitable platforms, database sizing and layout, backup and archival methods, and tuning recommendations. An Analysis Report with the detailed analysis and suggestions is delivered to you.

Database Retainer Services – These services are always subject to your approval. As your DBA team, we will monitor the status of your database "health" and make suggestions for maintenance activities or optimization that are delivered to you in a monthly Database Status Report or an Emergency Report, if needed. *You choose when and if you want us to implement the suggestions*. We can also put into place any or all of the recommendations reported in the initial Database Analysis, on your request and approval. The on-going activities that will result in suggestions to keep your database in top form are:

- Maintenance – Routine maintenance prevents fires. We will continue to advise on database maintenance activity scheduling, including data archiving and deletion. Regular checks allow us to tell you if you have sufficient space, if the indexes are correct, and if you need more hardware (e.g. for tape backups). We might also suggest database reorganization, how to successfully add a disk drive and move tables, and can provide information on database version upgrades. Assistance is available with database reports analysis and creation.
- Database Reorganization/Optimization – "Tuning" may be recommended to revive a sluggish database. We can analyze stored procedures and optimize indexes to increase database speed.
- Database Design – New database design and creation to your business requirements.

Ross Sampson Consulting is ready to be your temporary Database Administration team, supplying experienced professionals to supplement your workforce. Please contact us for information specific to your next database service need and our availability.

Contact Ross Sampson Consulting: Web Site = www.rosssampson.com, Email = info@rosssampson.com

Postal = Ross Sampson Consulting

8583 Angela Lane

Parker, CO USA 80134-8925

Telephone = (303) 680-1491, Mon – Fri 9am – 5pm (Mountain Time zone)

