



### the product

Inplexus provides an effective configuration and training service for Oracle's Recovery Manager backup and recovery tool. This configuration includes interviews, materials, scripting, testing and documentation about the deployment of Recovery Manager (RMAN) in your Oracle database environment. At the conclusion of the deployment, you will have a working and tested RMAN deployment at your sight with a thorough understanding of the tool via mentoring and hands-on practice.

### the need

The primary responsibility of a database administrator is to protect data and keep systems available. Organizations usually take steps to backup database systems and file servers. They invest in tape drives, backup software and training to be sure that system data is stored away safely.

For many organizations, backup options are becoming more limited. Perhaps the data is growing too large for the backup window available using existing hardware. Maybe the required uptime for the system is increasing, thus shrinking the backup window. Perhaps nighttime reports and processes must continue until they complete, not allowing the database the opportunity to shutdown for backup. These and other factors lead shops to look for better ways to backup their database systems. Not only is backup critical, but also recovery is even more critical. When a system is down, it must be brought back online quickly and effectively.

### Oracle solution

Beginning with Oracle version 8, Oracle introduced RMAN to provide backup and recovery services. RMAN has many advantages over typical file based backup and recovery solutions employed by many Oracle shops.

- Block Level Backup. RMAN backs up and recovers the smallest atomic unit of an Oracle database – the data block. Each block encountered can be validated during operations.
- Incremental Backup. Why backup the whole database every time? Why not only backup the portion within the database that has changed since the last backup. RMAN's incremental backup feature makes backup size smaller and recovery faster.
- Server Managed. When RMAN backups run, the Oracle server tracks the details. Therefore, when restoration and recovery is required, the server knows just where to retrieve backup files and how to apply them. No more fumbling around for tapes or scouring through directories during the stress of a production recovery.
- Simple Commands. To backup a database with RMAN type "backup database". To recover, type "recover database". Simple scripts make use of these and other commands to make your life simpler as a protector of the Oracle database.

### the inplexus value

Though RMAN is a solid utility and is the direction Oracle has charted for database protection, many organizations have yet to adopt RMAN in their database protection strategy. That's where Inplexus can help. We will assist with an RMAN deployment at your shop. We will set up and validate backup and recovery scripts. We will help develop your confidence in the utility Oracle has set as their future direction in database protection.

Let us help you learn and deploy RMAN. Thank you for considering Inplexus.