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# Oracle Data Guard as a solution for Disaster Recovery

**Proven solution to replicate your Oracle Database**

SBAS Consulting. We build reliable solutions with high efficiency

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## What is Disaster Recovery (DR) and how it works

Disaster recovery (DR) is an area of security planning that aims to protect an organisation from the effects of significant negative events. DR allows organisation to maintain or quickly resume mission critical functions following a disaster.



**Oracle Data Guard** is the management, monitoring and automation software infrastructure that creates, maintains and monitors one or more standby databases to protect primary database from failures, disasters, errors and data corruption.

Data Guard maintains standby databases as consistent copies of the production database as far as transactions are concerned. These standby databases can be located at remote disaster recovery sites far away from the production datacenter or they may be located in the same city, same factory or even in the same building. If the production database becomes unavailable because of a planned or an unplanned outage, Data Guard can switch any standby database to the production role, thus minimising the downtime associated with the outage and preventing any data loss.

## Would you like to implement Oracle Data Guard

SBAS Consulting can build Oracle Data Guard for your production Oracle database with high standards of configuration and automation. All the benefits from the new Oracle 12c product are evaluated and implemented in a numerous installations.

We can propose the following services:

- \* DR implementation based on Oracle Data Guard
- \* Switchover / Failover scenarios implementation and testing
- \* Automation of DR using the DMON process
- \* Flashback technology configuration
- \* Oracle ASM (Automatic Storage Management) implementation

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