Recovery HealthCheck

Audit of Db2 backup procedures

Target:

Cost-benefit appraisal of the backup process

Verification of SLAs/RTOs

Reveal I/O bottle necks

Target Group:

Database Administrators

Storage Administrators

IT Management

Prerequisites:

Db2 for z/OS: Db2 11

Db2 real-time statistics

z/OS Version > 2.2

Attendees from your firm: Unlimited

Appointment: On Demand

Length of both audits:

Two consecutive days of analysis with subsequent findings provided in written format

Increasing the efficiency of the backup process while improving the data availability

Does the storage size for Db2 backups keep rising? Is the cost-benefit appraisal of the backup process optimally tuned? Which part of the recovery time comes from your backup interval setting and how much can it fluctuate?

Recovery HealthCheck analyzes your Db2 for z/OS databases and document the following:

- Affect of the media choice (Tape/Disk)
- Correlation of cost to benefit
- SLA fulfillment
- Possible variance in the recovery times

Db2 recovery processes are an essential process in the IT department of a company. Mostly they are based on technical thresholds. Because of rising amounts of data and transactions, such thresholds become inefficient and can conflict with the company's own business standards.

By doing an analysis of your Db2 backup process, we can compare it with the actual technical needs of the company. To do this, we take the following factors into account:

- I/O response times of the relevant media
  - Media access (mount, recall, alloc, open...)
  - Read and write speeds
  - Data throughput
- Recovery scenario on the object level
  - Backup interval/backup volumes
  - Needed Log apply
  - Recover/Rebuild Index

The result points out exactly which changes are needed to be made to the backup process to optimize the Cost-Benefit relation and to secure the companies business rules. The audit sequence consists of:

1. Preliminary discussion and setting of analysis goals
2. Extraction of all the needed data
3. Benchmarking the I/O response of relevant media
4. Bi-polar interpretation of the recovery times based on the benchmark data
5. Creating the detailed final reports
6. Results presentation and discussion

Recovery HealthCheck

Audit of Db2 recovery procedures and verification

Verifying and improving data availability while observing your legal obligations

Target:
Transparency and risk evaluation
Verification of SLAs/RTOs
Reveal potential problems

Target Group:
Database Administrators
Storage Administrators
Risk Management
IT Management

Prerequisites:
Intermediate – Advanced Db2 for z/OS: Db2 11
Db2 Real-time statistics
APF authorization for data sharing z/OS Version > 2.2

Attendees from your firm:
Unlimited

Appointment: On Demand

Length of both audits:
Two consecutive days of analysis with subsequent findings provided in written format

Can you guarantee a problem free, optimal recovery process in a disaster situation? - Are you fully exploiting all of the technology that you have invested in? - Are you correctly handling all factors for Risk Management?

Recovery HealthCheck can answer these questions and at the same time analyze your Db2 for z/OS databases and the system's environment. Based on all collected data, we will create the following detailed reports for you:

- Management Report on Risk Assessment
- Business Report on Availability Classification
- Operation Analysis on Technical Verification

Db2 databases in z/OS can guarantee an optimal availability of critical company data. This is only possible if both Db2 and the relevant system environment are optimally tuned to work together. If this is not the case, it can lead to

- Inefficient operations
- Bad response times
- Lengthening of down time
- Data loss

Using complex analysis and recovery simulations in your production system, we point out to you exactly which installation options are sub-optimal or are possible weaknesses in your process. The analysis is run in the production system without any affect on availability.

The audit sequence consists of the following steps:

1. Preliminary discussion and setting of analysis goals
2. Extraction of all needed data
3. Benchmarking the I/O response of relevant media
4. Evaluating the data against IBM recommendations and best practices
5. Creating the final reports
6. Discussion about the results

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