SAP Data Volume Management (DVM) is a framework that helps the solution operation team of a SAP centric solution to balance the need of Business’ access to a wealth of data and IT efforts to maintain storage, database and applications. The methodology provided in this framework consists of best practices, tools, and SAP services along all stages of a DVM strategy: from initial identification of the challenges all the way through to continuous improvement of an existing DVM strategy.

**DVM Life-Cycle**

- **Assessment & Scoping** (360° Review & Benefit Cases)
- **Implementation** (Support Plan & Services)
- **Operations & Improvements** (Measurement, Analytics, Reporting & Results)

**Assessment for DVM**
**Scope & Benefit for DVM**
**IT-Planning for DVM Strategy**
**Implementation & Improvement DVM Strategy**
**Operate & Execute, Monitor & Manage Exceptions of DVM Strategy**
**Continuous Improvement of DVM Strategy by KPI measurement**

**Process**

- Monitor
  - Proactive monitoring of data distribution, growth rates and saving potential
  - Reactive handling of deviations from DVM compliance
  - Evaluate origin of data, data quality, data reduction possibilities
  - Optimize storage costs and data lifecycle

- Notify

- Analyze

- Optimize

- Report
  - Prove value to business

**Benefit**

**System availability**
- Upgrade to higher software releases
- Runtime for backup and recovery

**Use of resources**
- Hardware costs for disk, CPU, memory as well as administration costs

**System performance**
- Response times in dialog mode for all employees
- Optimal coding ensures access times independent of DB size
- Average Response Time (ms)

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**Data Volume Management**

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**DVM Services**

Data Volume Management Work Center (DVM WoC) as Operation Control Center with Best-Practice Self-Services

- **DVM Scoping**
- **DVM IT-Planning**
- **DVM Strategy Implementation**
- **DVM Solution Improvement**

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