Premium Engagement Service

Data Volume Management

The Data Volume Management (DVM) service portfolio supports customers to set up a data volume management strategy that defines how to manage and reduce data growth and database size. The holistic approach comprises the following options: data avoidance, data summarization, data deletion, data archiving and state of the art data reduction technologies.

Business needs
- Ensure high-availability of production systems with regards to performance
- Lower total cost of ownership
- Meet regulatory requirements

Delivery approach and scope
- Different scope options, depending on the project phases
- Data volumes are analyzed regarding age and application footprint, pain points are identified, best practice recommendations are provided
- Outcome is delivered as report which can be combined with remote discussion of the results or onsite workshop
- Knowledge transfer workshops are provided where applicable
- Applicable for production systems or pre-production systems where planned data volumes can be specified
- Requires remote access to systems in scope

Value and benefits
- Reduce complexity of archiving projects by best practices and upskilling
- Reduce maintenance windows
- Stabilize system sizes
- Meet data privacy regulations

Related VA Services
- S/4HANA Value Assurance Build Design
  - Data Volume Planning
  - Data Volume Design

Related ES Services
- CQC Data Volume Management

Related Consulting Services
- S/4HANA Value Assurance Build Execution
  - Cleanup / Archive
- Data Protection Implementation Service with SAP ILM
## Data Volume Management: Service components

### Service component 1
**DVM Scoping (9502331)**

**Scope 1:** Initial analysis of one system to define the scope of a data volume management project. Identification of major reduction possibilities.

**Scope 2:** HANA DB only – Analysis of top tables and design of NSE strategy for specified candidate tables with roadmap for implementation.

**Duration:** Scope 1: 2 Days, Scope 2: 4 days

**Outcome:** DVM Service report with current situation revealing data reduction potential to be achieved through identified options. Conference call with result presentation.

### Service component 2
**DVM Planning (9502332)**

**Scope:** Analysis of one or several systems to define the scope (i.e. systems, applications) of a data volume management project. Identification of major pain points. Introduction of DVM methodology, DVM project phases and available tools.

**Duration:** Per system

- 2-3 days remote plus
- 1-2 days onsite workshop

**Outcome:** DVM Workshop with presentation of analysis results, and description of most beneficial measures. Knowledge transfer about DVM technology to enable educated decision on how to go forward.

### Service component 3
**DVM Design (9504133)**

**Scope 1:** Deep analysis of one or several systems with detailed input for a technical blueprint of a data volume management strategy. Discussion of effects on business processes. Knowledge transfer and customer-tailored DVM Strategy.

**Scope 2:** S/4HANA Only – **SAP Universal Journal Detailed Analysis.** Remote analysis of table ACDOCA in one S4 system

**Duration:**

- Scope 1: Per system
  - 5-8 days remote plus
  - 2-3 days onsite workshop (2 persons)
- Scope 2: 15 Days per system

**Outcome:** DVM Workshop with presentation of analysis results. Discussion about most beneficial measures, business dependencies and effects on business processes. Customer-tailored project roadmap.

### Service component 4
**Implementation Support for DVM (9504701)**

**Support option 1:** Implementation support for Archiving and ILM Projects

**Support option 2:** Implementation support for Proof-Of-Concept for Native Storage Extension (NSE)

**Support option 3:** Implementation of DVM Work Center in Solution.

**Duration:**

- Support option 1: 10 – 50 days
- Support option 2: 15 – 20 days
- Support option 3: 6 days

**Outcome 1:** ILM implemented as PoC in copy of production. Continuous support to Go-Live as focus TQM

**Outcome 2:** Implementation of NSE as PoC in copy of Production, Performance measurement, Load testing, Go-Live Monitoring

**Outcome 3:** Technical implementation on Solution Manager. Workshop with knowledge transfer.