Architecture Design and Implementation

Offering Summary

Global enterprises have for years, faced substantial data growth, limited IT budgets and a steady stream of challenges and complexities brought on by changes inside the data center. A slew of new technologies and regulatory requirements is wreaking havoc on already strained IT operations that simply don’t have the proper management tools to support them.

The data and information management environments of most enterprises are in need of a significant overall. Companies need new, modern approaches to data & information management that will help them cost-efficiently manage data across its lifecycle, improve recovery times, reduce complexity and storage related costs, all while improving the operational capacity of their staff.

CommVault helps its clients meet those needs by working closely with them during facilitated workshop sessions to create design and implementation plans for modernizing their data and information management environment. CommVault can then execute the implementation plan to put the proposed architecture in place.

During the workshops with client stakeholders, CommVault professionals assess their legacy approaches to backup and recovery, their archive and records retention strategies, and how these both tie to important business requirements. Then, CommVault consultants use these inputs as a foundation for executive level advice that will transform client’s traditional operations into standards for data and information management. Finally, clients can choose to extend their design engagement into delivery and implementation activities. Here they leverage the experience of hundreds of trusted CommVault Services professionals to achieve that standard quickly and cost effectively.

CommVault’s comprehensive, customer-centric approach to designing and implementing modern data and information management environments brings confidence to clients because their unique business requirements have been incorporated from the beginning. When data must be recovered quickly and cost effectively, our clients can be assured that any underlying Simpana® software implementation has been installed and configured in strict alignment with corporate goals.

Architecture Design

CommVault Consulting Services is the linchpin for transforming your traditional backup and archive approach into a truly modern data and information management strategy. CommVault employs standard methodologies, best practices, and the in-depth expertise of a dedicated team of consultants, architects, engineers, and industry experts to deliver its Architecture Design offering.

CommVault consultants work closely with the client’s IT and business leaders to discover the current state of their backup and archive environment, create a vision for modern, yet pragmatic capabilities, develop design alternatives, make recommendations for optimal strategies, and propose architectures and configurations that meet those needs. Highlights of the Architecture Design phase include:

Current State Assessment – Assess the existing architecture, comprehend service level challenges in context of long-term requirements, and develop a baseline for a modern architecture.
Architecture Planning – Design and plan for a centralized data and information management solution which covers key business and technical requirements for all data types including test, development, and production.

Infrastructure Planning – Create a detailed hardware, software, and facilities requirements document for procurement and planning purposes.

Standardized Policy Configuration – Develop detailed Simpana software policies for resources ranging from backup clients, to storage targets, schedules and data retention in the proposed architecture.

Implementation Planning – Create a high level implementation plan based on CommVault Simpana software. The plan includes activities, staffing requirements, and schedules necessary for migrating to the new environment.

Architecture Implementation

An Architecture Implementation engagement typically follows the design phase. Trusted CommVault professionals use the results of the Architecture Design to develop and execute a detailed action plan that includes installation, configuration, and hand-off of the Simpana software environment in accordance with proposed design recommendations.

CommVault provides highly skilled professionals to transition from the recommended and agreed upon logical design to a detailed technical specification that is implemented in the production environment. This implementation effort is divided into three stages:

Technical Design
Detailed specifications and infrastructure schematics are generated that conform to the future state or “to be” architecture. These support the standard service policies outlined in the design planning documents. The results of technical design are captured in a master document covering: major work streams and dependencies, level-of-effort estimates, a detailed project plan, and a check list of required infrastructure for the build phase.

Build
In this step, CommVault provides implementation specialists that configure the IT environment as defined by the technical design master document. CommVault engineers work closely with customers to deploy and configure Simpana software in their environment, thereby accelerating time to value and reducing risk. CommVault will provide:
- Highly qualified and experienced implementation engineers
- Assurance that HW/SW pre-requisite tasks have been fulfilled
- Execution on the implementation project plan
- Coordination with your change control and release management processes
- Project Manager to plan, track, manage, and report on implementation tasks

Transition
The goal of this phase is to create a smooth conversion from initial start-up to steady-state operations. When complete, the customer receives all documentation and artifacts, solution specific product training, and industry leading support services.
## Key Service Components and Benefits

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<tr>
<th>Component</th>
<th>Benefits</th>
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<td>Transformation</td>
<td>CommVault understands that change can be intimidating for an organization overwhelmed by today’s IT landscape. Our seasoned consultants help clients overcome both technical and organizational challenges to achieve the transformation vital for maintaining a competitive market position.</td>
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<td>Standard Delivery Approach</td>
<td>CommVault consultants and the knowledge base supporting them leverage years of industry experience helping thousands of unique data protection and archive customers. Their skill and expertise is incorporated into a facilitated workshop approach that dramatically reduces traditional design and implementation timelines.</td>
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<td>Architecture Design</td>
<td>The CommVault Architecture Design offering includes input and direction from the customer’s key stakeholders with responsibility for ensuring that critical backup/recovery, and archive functionality is designed as intended and the new solution is built with all areas of the business in mind.</td>
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<td>Architecture Implementation</td>
<td>Key service level attributes of the design engagement are implemented through the Simpana® software platform by CommVault’s experienced engineers. These implementation steps ensure that business requirements for the design plan are properly incorporated into the Simpana software configuration and result in a reliable, cost effective data and information management environment.</td>
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<td>Optimized Environment</td>
<td>CommVault specialists work with the client to build a Simpana software configuration that includes customer driven business requirements for backup, recovery, archive and reporting.</td>
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<td>Business Aligned Data &amp; Information Management</td>
<td>Key business functions, regulatory requirements, and applications are identified along with respective needs for business resiliency. These requirements are the basis for building data and information management capabilities that are in-line with business value.</td>
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For more information about CommVault Simpana® software and services please visit [http://www.commvault.com/](http://www.commvault.com/)