

RECOVERY IMPACT ANALYSIS

Are you making the most of existing backup infrastructure investments?

Can you quantify the level of risk to your organization from failing backup and restore operations?

Are offsite copies of backup data created and vaulted on a consistent and timely basis?

If your recoveries fail, do you know how much that can potentially cost your business?

Complex backup applications, constantly changing data environments, and increasingly strict compliance requirements all put pressure on IT managers to ensure recoverability of data, yet conserve costs associated with backup infrastructure. Yet backup failure rates of 10 to 30 percent are common, as most backup environments operate in a reactive state, just keeping up with high-priority production issues.

Action Plan Summary - Architecture Changes	Priority
Implement new media server for existing NBU environment	High
Implement SAN media server option for hosts > 500	Medium
Migrate VCB backups to new media server	Medium
Enable electronic vaulting option	Low
Action Plan Summary - Configuration Changes	Priority
Implement daily NBU catalog backups	High
Balance backup load by distribute full backups throughout week	Medium
Enable "ALLOW_MULTIPLE_DATA_STREAMS" for clients	Low
Enable the Open File option for NBU clients	Low
Complete root cause analysis on NBU clients with the highest number of chronic failures	Medium
Separate tape and disk traffic on condor's	Low

Recovery Impact Analysis helps organizations discover current practices and **develop prioritized action plans** to improve data recovery capabilities, **with a specific focus on optimizing existing assets.** The

service provides customers a better understanding of their existing operational recovery environments in order to **make educated, immediate and long-term, systemic improvements** to those environments – changes that will directly affect an organization's ability to perform and ensure operational recovery.

Improve Operations, Defer Costs, Reduce Risk

Our experienced professionals will quickly identify the bottlenecks, inefficiencies, and risks in the existing recovery environment and deliver a prioritized action plan. We will review your environment and provide deliverables in a streamlined timeframe. The following timeline illustrates a sample timeline for a Recovery Impact Analysis project.

Days	Activities
1 & 2	Project Initiation, Deploy GlassHouse backup reporting tools to collect empirical data
3-5	Conduct interviews and discovery workshops, process maturity evaluation, data collection and analysis
6-7	Review major issues, needs, and baseline metrics with the customer team & identify key areas of focus
8-14	Deliverable Development <ul style="list-style-type: none"> Develop a prioritized action plan to address key issues and risks Develop reference architecture for optimizing current assets and charting the path to future state technologies Develop the high level plan for strategic and program level improvements Provide an ROI analysis for financial justification of making short-term and long-term improvements
15	Final Presentation



GlassHouse Technologies is a global provider of data center infrastructure consulting services. Focused on data center consolidations, virtualization, security, storage, data protection and managed services, GlassHouse consultants offer a vendor-independent approach to architect, implement and operate IT environments that drive high performance and agility through cloud computing and a service provider model. GlassHouse transforms infrastructures to deliver high value services that align to business needs, enabling cloud computing and accelerated return on investments while mitigating operational inefficiencies and risk. This is provided through Transom, a unique delivery framework comprised of proprietary software tools, methodologies and domain expertise. Visit the GlassHouse blog for expert commentary on key data center issues facing today's enterprises and follow us on twitter at #GlassHouse_Tech.

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Recovery Impact Analysis Deliverables:

- Recovery Impact Analysis Executive Summary Presentation
- Executive Summary
- Key Findings
- Logical Reference Architecture Design, including:
 - Hardware Infrastructure (servers, storage, network, etc)
 - Software, Assumptions, and Dependencies
- Prioritized Action Plan
- High Level Plan and Project Descriptions
- Appendix containing detailed reports and metrics



Why GlassHouse...

Whether your organization is focused on reducing cost and risk or improving service levels, GlassHouse's vendor-independent consultants quickly identify the performance, cost effectiveness, and risks of your existing backup environment and offer a quick, efficient and practical path to improvement. Our experts develop remediation plans designed to expand the functionality and capacity of the current environment, to improve the utilization of existing backup assets.