

BACKUP SYSTEM ASSESSMENT



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IRON BOW TECHNOLOGIES

Iron Bow Technologies forwards a history of more than 20 years as a leading full-lifecycle IT solutions provider. Leveraging strong resources and a collaborative approach, the company delivers targeted solutions for data center, collaboration, network infrastructure, information security and client computing.

ASSESSMENT OVERVIEW

Understanding your backup, recovery and archiving requirements and current limitations is the first step in planning and designing an infrastructure to address your business challenges. Iron Bow's Backup System Assessment provides intelligent data analysis and is designed to be a non-disruptive, time-efficient and cost-effective way to assess the current state and performance of your existing backup environment.

The Backup System Assessment is a collection of scripts designed to extract data from your backup server and provide advanced reporting and statistics about the performance of your backup environment. Scripts can run on a variety of backup systems, including EMC, Symantec, HP, CommVault and IBM. The assessment results provide insight into how backups are performing, the amount of data being backed up, backup target statistics and many more important data points.

ASSESSMENT SCOPE

Through this service, you'll gain specific operational and procedural insights into your current backup environment and practices, along with recommendations for improvement. As a result, you'll be better prepared to design and implement a solution that allows you to reduce costs and meet the data-protection, retrieval and recovery expectations of your business. The Backup System Assessment will provide a summary of your backup environment and report on the overall health and utilization of the backup infrastructure. It will provide data on usage characteristics and can identify key problem areas. The assessment will cover the following components:

- Backup Servers
- Backup Clients
- SAN Performance
- Tape Libraries, Drives and Media
- Change and Growth Rates
- Failure Analysis
- Backup and Restore Performance

ASSESSMENT SCOPE (CONT.)

There are three key phases that are conducted during assessment activities:

Consultancy – Iron Bow will work with your organization to outline the scope and objectives of the Backup System Assessment and to identify the servers that are to be assessed. Additionally, our engineers will conduct interviews with your IT team and identified stakeholders to gather information that will provide a robust and accurate assessment of your operating environment.

Assessment Tool Installation – Depending upon the environment, two types of quick collection methods are employed:

Scripts – Used in NetWorker, NetBackup, HP Data Protector, TSM and Avamar backup environments.

Database Extraction – Used in Backup Exec, ArcServe and CommVault environments.

The assessment tools are agentless and don't require additional hardware or software loaded onto the client's environment. Once the script has completed, (this should take an hour or less, depending upon the size of your environment) the output files are placed in a temporary folder whereupon they will be compressed and sent back to Iron Bow for analysis.

Analysis and Recommendations – Upon receipt of the output files, Iron Bow will analyze the collected data and will document our findings. Our engineers will deliver a comprehensive overview of the assessment results and provide recommendations for any system optimization scenarios and infrastructure improvements that should be considered.

ASSESSMENT TIMELINE

The initial onsite visit - which includes stakeholder interviews and script installation - data collection will last about one day. Once the data has been collected, data analysis will be completed in three to five days. The presentation of the assessment's findings and final data analysis will be conducted by Iron Bow at a place and time of the customer's choosing and will run approximately two hours.

Please contact an Iron Bow Technologies representative to schedule your Backup System Assessment today.