



ACCUDATA SYSTEMSSM **NETWORK HEALTH CHECKS**

DATA BACKUP AND PROTECTION HEALTH CHECK

One of the most critical and challenging aspects of today's networked computing environments is ensuring that all network services are functioning optimally. The Accudata Systems **Network Health Checks** proactively examine your network resources to determine the health of your environment and that all resources are readily **available** and **performing** as expected.

Why should you perform a Data Backup and Protection Health Check?

Business information is one of the most valuable assets of any company, and it requires the full measure of effort to ensure its protection from loss, theft, or corruption. With businesses increasingly relying on corporate data for mission-critical purposes, reliable adequate **data protection** is vital not only to ensuring the integrity of the data residing on the network but also to business survival.

To ensure the reliability and recoverability of your data, it is important to develop and follow appropriate data protection practices and systematically test these processes. Many times data protection problems are not discovered until file restoration becomes necessary and by then it is often too late!

Problems with tape backup often include:

- Tape backup is a backoffice/background process that is often overlooked or taken for granted.
- Software can become obsolete or hardware can malfunction.
- Backup/restore windows can shrink until they are too small.
- Backup procedures can quickly become out-of-date.

The **Data Backup and Protection Health Check** helps verify that your tape backup system is healthy and you have a good data management system in place, so your data is protected and can be recovered.

The Data Backup and Protection Health Check

The Accudata Systems **Data Backup and Protection Health Check** examines your current data protection practices, detects any deficiencies or problems, and provides appropriate recommendations.

It covers the following areas:

- **Tape Backup Rotation and Retention:** Policies, procedures, and practices are examined and analyzed in relation to organizational goals.
- **Tape Backup Selection Lists and Job Schedules:** These are examined and analyzed to ensure that all critical data is included in the backup scheme.
- **Tape Backup and Restore Performance:** Key points such as backup window, restore window, throughput, and MTBF on tape hardware are reviewed against alignment with organizational goals.
- **Server Capacities and Used Storage Space:** These aspects are documented and analyzed and any issues are highlighted, such as minimum space issues and capacity planning issues.



- **Backup Software Deployment and Configuration:** Your backup software will be analyzed for any installation or configuration issues. Where issues are found, a set of recommendations will be included.
- **Backup System Maintenance Schedule:** When is the last time a test restore was done on your system or a tape drive cleaning was performed? These aspects, among others, will be analyzed, and recommendations for a routine maintenance schedule will be included.

At the end of the **Data Backup and Protection Health Check**, Accudata Systems will present a complete report of its findings, grading you on the aspects we examined during the health check. This report will point out where you are meeting your objectives and where you are deficient. It will also list recommendations to bring any deficiencies into alignment with your goals.

Analysis and recommendations are based upon National Institute of Standards and Technology guidelines, manufacturer recommendations, and Accudata Systems best practices.

Each Health Check Customized to Your Specific Needs

The Accudata Systems **Data Backup and Protection Health Check** is designed provide **maximum** value with a **minimum** investment of time and money.

Depending on the size and complexity of your network, the Data Protection Health Check requires between 2 to 5 days of services. Accudata Systems will provide a detailed Scope of Work, which will outline estimated cost and timeframe based on your specific needs and requirements.

For More Information

Get more information on the **Data Backup and Protection Health Check** by contacting your Accudata Systems account manager.