



ACCUDATA SYSTEMSSM **NETWORK HEALTH CHECKS**

FIREWALL RULES 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 Firewall Rules Health Check?

Businesses have become dependent on the Internet for communication, collaboration and commerce, and most users consider it to be critical to their daily work. Because of this dependency, it is imperative that your IT security infrastructure performs well while maintaining the strong security it was originally designed to provide.

Most security infrastructures start with a well-defined configuration that offers both high performance and high security. But over time, rule-sets and configuration parameters drift away from this strict design. Additionally, rules that were created as temporary additions often are never removed; rules and objects that were once valid become obsolete or redundant. These changes result in poor system performance and less effective security.

To ensure the reliability and performance of your security infrastructure, rules and objects must be reviewed and refined regularly.

The Firewall Rules Health Check

The Accudata Systems **Firewall Rules Health Check** reviews current firewall policies looking for obsolete or inefficient objects and rules. We research and document all service requirements and recommend appropriate consolidation and enhancement measures. This health check performs the following tasks:

- Document current firewall application, OS, rule-base, object-base, and NAT tables
- Document current performance – page load, file transfer, CPU utilization
- Document current usage of Security servers and recommend improvements
- Research service needs:
 - Review firewall logs to determine current service usage
 - Interview department leads for service requirements
 - Document findings
- Backup existing rule-base, object-base, and NAT tables
- Create rule-base migration plan
 - Migrate rule-base in controlled sections
 - Monitor changes for issues
- Document final configuration
- Document performance differential performance gains

At the end of the **Firewall Rules 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 industry standards, Accudata Systems' best practices, as well as manufacturer recommendations.



Each Health Check Customized to Your Specific Needs

The Accudata Systems **Firewall Rules 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 **Firewall Rules Health Check** requires between 1 to 5 days of services. Please see the following table.

Estimated Hours per Firewall

	Simple	Standard	Complex
Windows NT/2000	8	16	24
Solaris	8	16	24
Linux	8	16	24
Appliance	8	16	24

Based on your specific needs and requirements, Accudata Systems will provide a detailed Scope of Work which will outline estimated costs and timeframe.

For More Information

Get more information on the **Firewall Rules Health Check** by contacting your Accudata Systems account manager.