Firewall Design, Implementation and Managed Services

IBM K-12

Enhancing security through the implementation of Next Generation Network technology

Highlights

- Manage risk, security and compliance
- Drive innovation and cost efficiency
- Improve employee productivity

The rapid pace of change and increasing capabilities and complexity of technology are causing many school districts to contemplate transforming how they build and manage IT— of which the network is a critical part.

CIOs must constantly evolve their enterprise networks to be more agile, more secure and more cost efficient. Many districts are starting with updating their firewall technology to drive enhanced security in their network environment.

Getting it right the first time

Design and implementation: Firewall design and implementation from IBM provides an end-to-end solution that assists you with the deployment of a reliable, standards-based firewall infrastructure and provides a single source for skilled planning, and implementation of the components.

Management: Most CIOs face challenges when it comes to managing their network infrastructures. In many respects, the network is catching up with the virtualization that the servers experienced a decade ago. Improper monitoring and management systems and processes can bring down the agility and speed of your network. You may need specialized talents that have the breadth and depth of skills and knowledge to understand how the components of the network integrate with the rest of your IT infrastructure.

IBM's Firewall Managed Services are designed to provide you with the agility needed to adapt to market dynamics, optimize performance and facilitate innovation. Our Subject Matter Experts can help you simplify network management, reduce costs and improve performance while driving economies of scale.

Solution Offering:

The IBM K-12 Firewall Design, Implementation and Managed Services involves the design, configuration, implementation and managed services of firewall technology and may include:

- **Ongoing Project Management** for project planning, communications, reporting, procedural and statement of work activities.

- **Planning Phase:** this phase includes an assessment of the existing infrastructure within your school district to determine your readiness for Firewall Services, development of architectural network designs and the creation of an implementation strategy to include the implementation of three (3) proof of concept schools.

- **Design and Implementation Phase:** this phase provides school districts with the ability to manage their own Internet access security through the implementation of firewalls, management software, optimized configuration settings, and ongoing support and training for your school district staff on the options and features available.

- **Documentation** and firewall architecture diagram.

- **Knowledge Transfer:** Firewall Knowledge transfer to district technical staff

- **Remote Monitoring Services** with subscription-based monthly reports and real-time visibility into network performance and capacity. Our remote monitoring is fully automated and provides around-the-clock monitoring and automated notification.

Typical Length of Engagement   2-3 weeks

Why IBM?

IBM continues leadership in networking services by moving towards building better, more secure, and integrated platforms for our clients. IBM utilizes a lifecycle approach which includes: strategy, assessment, planning, design, implementation, and management.

For more information

To learn more about IBM K-12 **Firewall Design, Implementation and Managed Services**, please contact your IBM Marketing Representative. For more information on all our IBM K-12 Consulting and Professional Services, visit: https://www.ibm.com/industries/education/canada-k-12-service-briefs

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