IBM Security Awareness and Training Services

Strengthening the first line of defense and the weakest link: people.

Highlights

- Educate staff on current cyber threats and how they can mitigate risk

- Minimize avoidable human error

- Reduce successful external phishing attacks and malware infections by up to 90%

- Reduce calls to your help line

The best way for employees to protect an organization from cybersecurity threats is to never open email. A better plan is to train employees.

School districts now realize that they need to invest in developing a security awareness program to educate their staff. Many staff members are not aware of the many cybersecurity threats and can inadvertently put the district at risk with human error.

Phishing is one common type of attack where cybercriminals exploit the "human" element by attempting to obtain sensitive information, such as usernames and passwords, by sending an email that appears to be from a legitimate organization.

Phishing remains a top threat vector and our services help employees become more prepared against phishing and social engineering. We train your employees via eLearning, gamification, phishing and social engineering simulations. Our experienced consultants provide platform customization, tailored training methods, metrics, reporting and program management.

Change behavior. Reduce risk.

A security awareness program for staff can minimize avoidable human error and enable staff to be a valuable security asset – an intelligent last line of defense.

The **IBM Security Awareness and Training Services** enables districts to promote a risk aware culture and change staff behaviours so that they are more mindful of security as they work with data and use technology.

We provide comprehensive program development and continuous adaption of security awareness and phishing education resulting in a tailored and continuous awareness program for your district.

Our solution allows districts to identify "human" security vulnerabilities and remediate them before they are exploited. This includes:

- Assessing staff to detect where weaknesses exist by a combination of knowledge assessments and simulated attacks
- Educating staff through web-based, engaging, interactive training modules that are scenario-based to remediate those vulnerabilities
- Reinforcing and maintaining that security posture on an ongoing basis by reminding staff of what they learned through security awareness materials
- Measuring to demonstrate reduced risk and validating the effectiveness of your security awareness program

Security belongs to everyone. Every staff member plays a role in managing IT security risks.

Solution Offering:

The IBM Security Awareness and Training Services provide district staff with an annual subscription to engaging training modules as well as knowledge assessments, simulated attacks and full reporting. The Proofpoint training methodology is based on research-proven Learning Science Principles that help to elevate the effectiveness of cybersecurity education. The interactive modules can help change behaviours and reduce risk at every level of the organization:

- Modules are brief and focus on a specific security topic. Standard modules take 10 to 15 minutes to complete; mini-modules can be completed in 5 to 7 min.

- Gamification techniques and interactivity keep staff engaged. Staff set the pace and receive constant feedback.

- Mobile-responsive options allow users to take training anytime, anywhere, on any device. These modules also conform to the Web Content Accessibility Guidelines (WCAG) 2.0 AA standard for staff with disabilities.

IBM Security Awareness and Training Services include these IBM K-12 services:

1. Deployment planning that supports security education, awareness and tracking.

2. Implementation of a single sign-on solution to integrate the platform with the district's Active Directory.

3. Co-creation of your communication plan.

4. Customization to accommodate district preferences and branding requirements.

5. Deployment of the training modules, knowledge assessments and simulated phishing attacks for 12 months.

6. Tracking of staff progress and participation rates on an annual basis and comprehensive reporting to the district.

Why IBM?

IBM offers one of the most advanced and integrated portfolios of enterprise security products and services. The portfolio, supported by world-renowned X-Force research and development, provides security intelligence to help organizations holistically protect their people, infrastructures, data and applications. We can provide the expertise, skills, services and technology to help deploy a comprehensive and effective security awareness program for your district.

For more information

To learn more about the **IBM Security Awareness and Training 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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