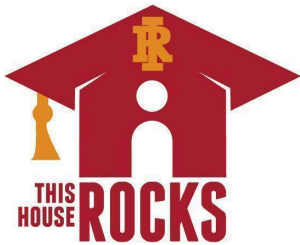


Sharon Williams, Ed.D.
Superintendent of Schools

To: RIMSD 41 Board of Education
From: Dr. Sharon Williams
Cabinet Champion: Troy Bevans, IT Director
Date: October 22nd, 2024
Re: Cisco Firewall/CIPA Filter Appliance and Software/Service Acquisition

Over the past several years, the district has utilized a Palo Alto firewall/CIPA filter and services to protect staff and students, as well as maintain compliance with the Children's Internet Protection Act (CIPA) for website filtering and firewall services. Upon reviewing options with other vendors, for features and price analysis, we are recommending the acquisition of the following to replace the existing end-of-life Palo Alto firewall/CIPA filter and services. The decision to move forward with the Cisco line of products will provide a considerable cost savings for the district, as well as improving the security posture of the network infrastructure:

- **Cisco FirePOWER 3105 Next-Generation Firewall Security Appliance** - The Cisco Secure Firewall 3100 series is a family of threat-focused security appliances that delivers business resiliency and superior threat defense. Each model offers outstanding performance for multiple firewall use cases, even when advanced threat functions are enabled. These performance capabilities are enabled by a modern CPU architecture coupled with purpose-built hardware that optimizes firewall, cryptographic, and threat inspection functions. Each model in the series can run either ASA or Firewall Threat Defense (FTD) software and the platform can be deployed in both firewall and dedicated IPS modes. For inline sets and passive interfaces, the 3100 series supports Q-in-Q (stacked VLAN) with up to two 802.1Q headers in a packet.
- **Cisco Smart Net Total Care Extended Service Agreement** The Smart Net Total Care service delivers the technology to analyze and report information about Cisco network elements and provide network aware information. Inventory data is securely uploaded to Cisco via the CSPC collector and the reports are presented through the smart net total care web portal. The inventory data is also available to the Cisco Technical Assistance Center (TAC) to help enable faster resolution of any network issues.
- **Cisco 400 Watt Power Supplies** - The Cisco power supply is engineered to meet the demands of UPS and power devices, offering a robust 400 W power output. This plug-in module is designed for seamless compatibility with network hardware, ensuring that your devices are powered efficiently and reliably. With its requirement for AC voltage, it is versatile enough to support a wide range of network hardware, making it an essential



Sharon Williams, Ed.D.
Superintendent of Schools

component for maintaining the operational integrity of your power devices. Its design and compatibility features make it a smart choice for those seeking a reliable power solution.

- **Cisco Threat Defense Threat, Malware and URL Subscription** - The Cisco Threat Defense solution focuses on the complex and dangerous information security threats - threats, that lurk in networks for months or years at a time stealing vital information and disrupting operations. Cisco provides visibility into these threats and context to decipher their potential damage.
- **Cisco AnyConnect APEX** - The Cisco AnyConnect secure mobility solution provides a comprehensive, highly secure enterprise mobility solution. It combines Cisco web security with remote access technology to help organizations easily manage the security risks of borderless networks. With this mobile security solution, users can access the network with their device of choice, including laptops and handhelds. They can then easily and securely use the applications and information they need to do their jobs.
- **Cisco Secure Firewall Management Center 1700 Chassis Network Management** - The Cisco Secure Firewall Management Center 1700 Chassis stands as a pivotal solution for large-scale network security management. Engineered to support up to 50 managed sensors and process up to 30,000,000 IPS events, it offers extensive capacity for monitoring and securing networks. With 900 GB of event storage space, administrators can efficiently log and analyze security data, ensuring a robust defense against threats.
- **Cisco SFP+ Transceiver Modules for 10Gbe** - The Cisco 10GBASE-SR-S SFP Module delivers a wide variety of 10-Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport applications. This hot-swappable input/output transceiver plugs into an Ethernet SFP+ port of a Cisco switch and offers optical interoperability with 10GBASE XENPAK, 10GBASE X2, and 10GBASE XFP interfaces on the same link.

It is recommended that the RIMSD #41 Board of Education approve the acquisition of the above listed Cisco products/services, from CDW-G, 200 N. Milwaukee Avenue, Vernon Hills, IL, in the amount of \$56,391.99. The funding for this will be provided by the Technology Department budget and will be valid from October 22nd, 2024 through June 30th, 2028.

Investment Period: October 2024 through June 30th, 2028

Total Investment: \$56,391.99

Funding Source: Technology Department

Rock Island-Milan School District #41

2000 7th Avenue, Rock Island, IL 61201
309-793-5900 x10210 | 309-793-5905 fax
Sharon.williams@rimsd41.org
www.rimsd41.org