Question 1

Can you provide more detail of Layer 3 routing protocols in use and plans for New Router (needed for services quote)?
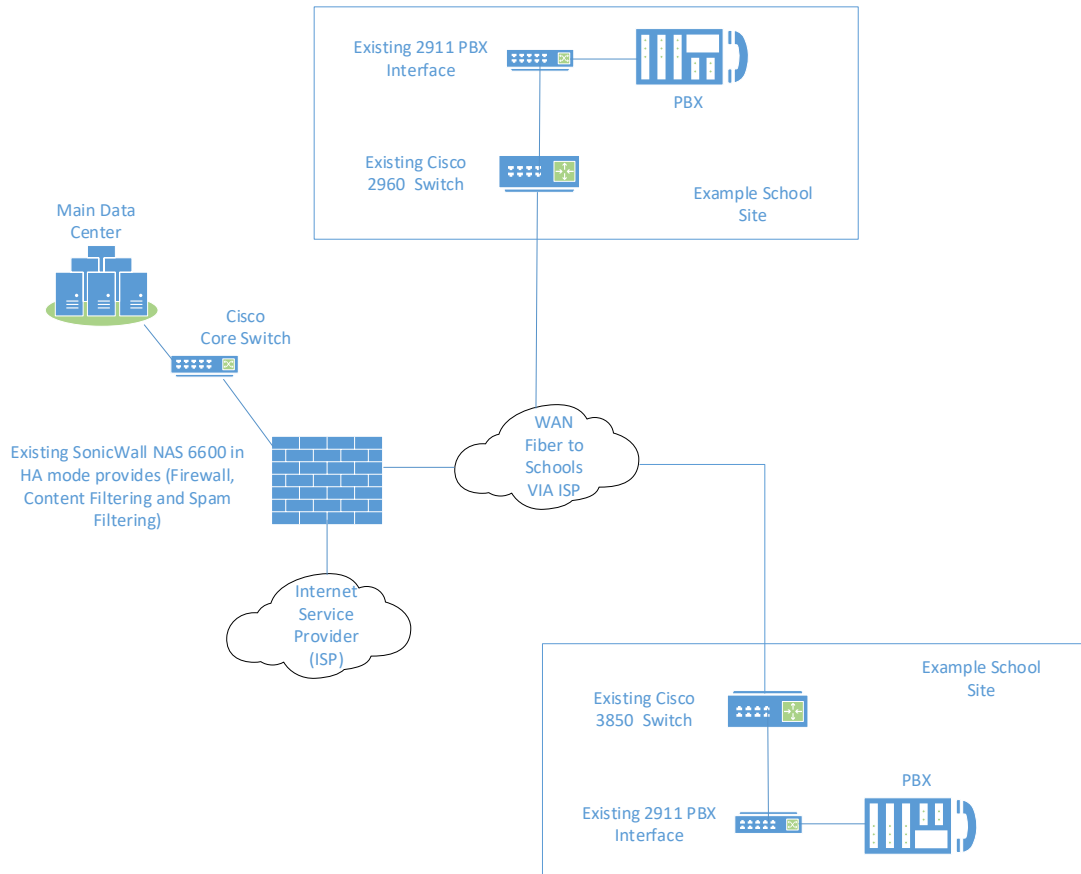

MCSD Current Network Example

Currently, all of the routing within the Montrose County School District, (MCSD), LAN and WAN infrastructure is done via static routes.   MCSD desires to implement a dynamic routing protocol (i.e., EIGRP, OSPF, etc.).   The routing protocol should support route aggregation and route filtering, as well as multi-path equal cost routing.

Desired Goal State

The HA pair of SonicWall firewalls are acting as the main router between the main location and the other sites via the WAN fiber connections. While a firewall performs routing functions as part of its operation, that is not the best use of the computing resources for a device that is handling Internet protection, VPN features, and URL filtering. This is especially true if the firewalls are having unusually high spikes in CPU utilization, and when the firewalls are not really configured to block internal LAN and WAN traffic between networks.

It is recommended that a separate router be implemented at the main Montrose County location that will handle WAN routing responsibilities. That will allow the firewall to dedicate their resources to security related tasks, notably Internet security and filtering. Implementing a separate router will also aid in the enablement of dynamic routing protocols within the infrastructure. Please provide a solution that will allow the Internet content filtering and Email spam filtering to be performed outside of the router and firewall devices.
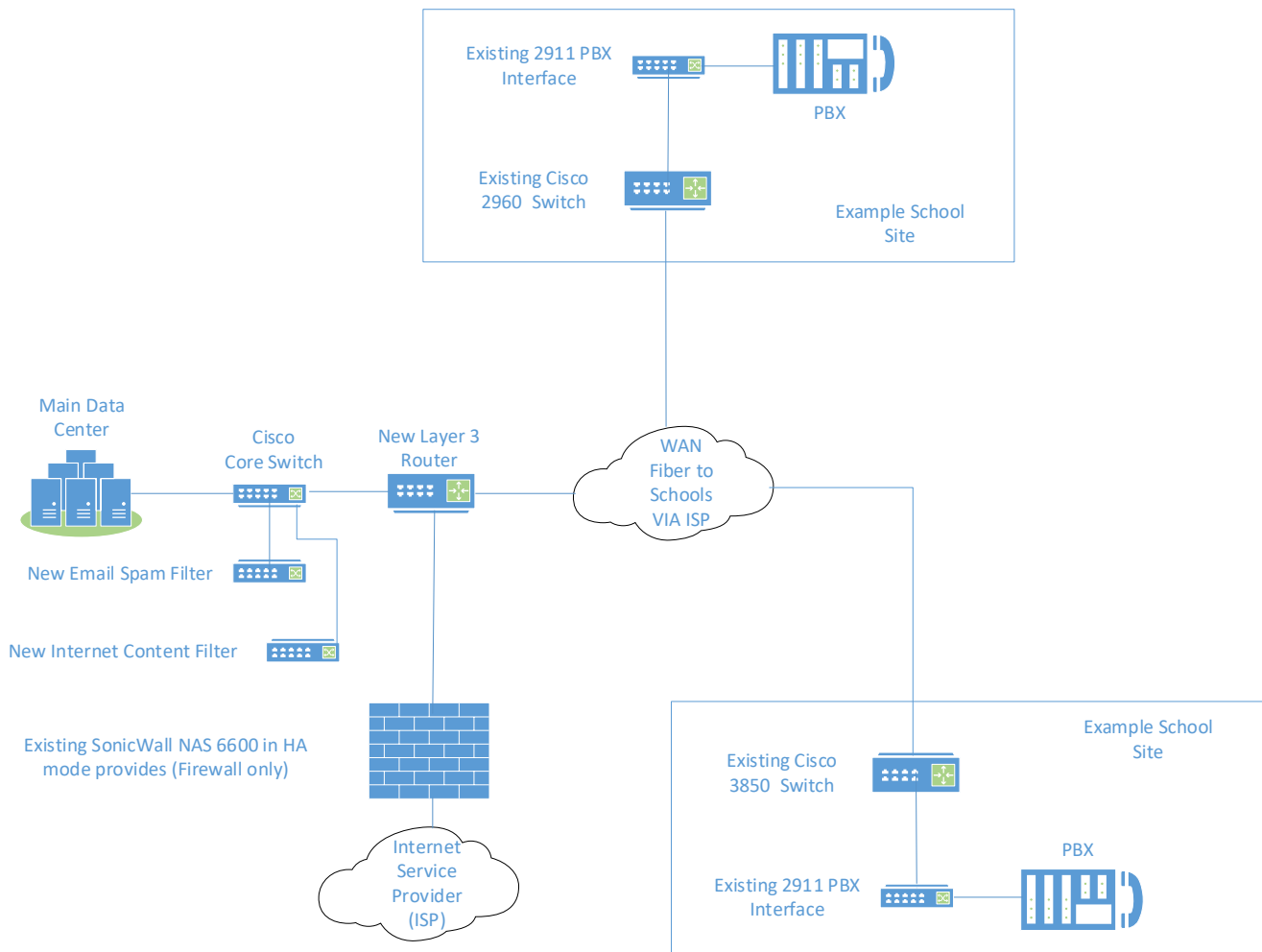
MCSD Proposed Network Example

Question 2

How many classes of users will be needed for New Email Spam/Phishing Filter (needed for services quote)

There should be at least 5 classes of users they are defined as:

1. ***Administrators*** – Can manage access to blocked destinations, change user group definitions and capabilities, block a site or webpages, unblock users, etc.
2. ***Executives*** – Unlimited Internet Access
3. ***General Staff, Guest and Vendors*** – Adult Content Filtered Internet Access
4. ***Instructional Staff*** – Adult Content Filtered internet access, access to webchat, blogs, YouTube, Apple and Google educational apps, state testing sites, research sites.
5. ***Students*** – Content Filtered Internet Access, access to sites required for educational purposes and designated sites such as: some web blogs, YouTube sites, Apple and Google educational services, State testing sites.

Question 3

Can you confirm you are using Office 365 for all students and staff. RFP says Google Office 365 accounts for staff and students. Just wanted to make sure.

You are correct these are Office 365 user accounts for staff and students. There are also approximately 1,100 Apple ID's used by staff and vendors.

Question 4

Is 750 staff count equivalent to Full Time Employee count?

In order to price the systems please consider all 750 as full time, however, as we work through the definitions of the users, some of these may become part time.

Question 5

Service Provider and Network Requirements. Can you clarify requirements for this section? Are we to assume the MCSD has Internet Connectivity? What is current Internet Connectivity? Is Appendix A already in place and just for reference?

Yes, MCSD has internet connectivity that is being upgraded in a companion RFP. The table in Appendix A shows the current guaranteed speeds of the fiber links from each school to the district office, and the requested bandwidth in the RFP for 2021 – 2022 school year.

Question 6

Section IV: Project Scope and Description

Subsection A – Reason for Project

- *Paragraph 2 mentions that the "firewalls to dedicate their resources to security related tasks".*
    1. *Is the router being installed to work in conjunction with the existing firewall?*

Yes, the existing firewall will remain in place. see the previous diagrams and responses to Question 1. Please provide a quote for your professional services to remove the existing static routes and routing functions from the firewall.

Question 7

Subsection B

- *Paragraph 1*
    2. *Is the WAN aggregation on the router to aggregate intercampus traffic or an aggregate to the existing firewall? See Question #1*

The purpose is to aggregate intercampus traffic and define a "transit" network segment between the campuses and the firewall.

Question 8

Subsection B

- *Paragraph 1*
    3. *Are the 3 new PBX interfaces at the same location or at different locations?*

One will be located at Cottonwood Elementary School, one will be at Oak Grove Elementary School, and one will be installed at Pomona Elementary School.

Question 9

- *"There are 2, twenty-four port switches and one, 48 port switch"*
    4. *Are the switches at the same location or at multiple locations?*

One switch will replace a Cisco 3560 switch located in the Science Building at the main Montrose County District office. One will replace a Cisco 3560 switch located in the Olathe Middle and High School boy's locker room. And the final one will replace a Cisco 3560 located at Pomona Elementary School.

Question 10

- *This paragraph also references "3 new PBX interfaces."*
   5. *Are these PBX interfaces at the same location or multiple locations?*

These are the same PBX interfaces referenced in **Question 8** above.

Question 11

   6. *Are the PBX interfaces to provide internal extensions or outside telecom?*

These are voice gateways to provide outside telecom communication to the PSTN.

Question 12

   7. *Will you provide desired recommendation for a model that does not have an EOS / EOL Notice?*

The RFP requested the Cisco 3650 to replace the aging 3560 switches, as you have noted the End of Sale date for the 3650 is October 2021 with End of Support January 2026. Please quote the 3650 as specified in the RFP and also quote an equivalent Cisco C9300 Advantage model configured as close as possible to the examples in the RFP for the 3650.

Question 13

   8. *Will you accept the Cisco E-Rate SKUs as an equivalent to the Cisco SKUs in the RFP?*

Yes, the E-Rate SKU's are acceptable substitutes for the items listed in the RFP examples.

ACKNOWLEDGEMENT OF RECEIPT OF QUESTIONS AND ANSWERS

WE HEREBY ACKNOWLEDGE RECEIPT AND UNDERSTANDING THE ADDENDUM AND INFORMATION CONTAINED HEREIN AND AGREE TO FURNISH THE ITEMS ON WHICH PRICES ARE QUOTED IN ACCORDANCE WITH ALL TERMS AND CONDITIONS PREVIOUSLY LISTED AND ANY ATTACHED SPECIFICATIONS.

BY:_____DATE:_____TITLE:_____

FIRM:_____PHONE:_____

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