

Barlow, Michelle

From: Adams, Charles (Superintendent)
Sent: Friday, November 21, 2014 10:24 AM
To: Barlow, Michelle
Subject: Fw: Spencer Update & Recommendations

Attach this conversation to the "Extreme Network" agenda item please. Thanks Michele!

Chuck Adams, Superintendent
Spencer County Schools
"Going the Distance for ALL Students"

From: Abell, Chuck
Sent: Wednesday, November 5, 2014 3:28 PM
To: Adams, Charles (Superintendent)
Subject: FW: Spencer Update & Recommendations

Here is the information on reconfiguring the network that we discussed.

From: Goodlett, Vicki
Sent: Wednesday, November 05, 2014 10:11 AM
To: Abell, Chuck
Subject: FW: Spencer Update & Recommendations

Good reading material ☺

From: Chowning, Charlotte - Office of Knowledge, Information and Data Services
Sent: Wednesday, November 05, 2014 8:34 AM
To: Goodlett, Vicki
Subject: Fw: Spencer Update & Recommendations

this is what I wish to discuss

Charlotte Chowning
KETS Engineer, Field Staff
Kentucky Department of Education
Office of Knowledge, Information and Data Services
502-418-7743
charlotte.chowning@education.ky.gov

From: Ford, Jeff <jeffford@extremenetworks.com>
Sent: Tuesday, November 04, 2014 4:37 PM
To: Chowning, Charlotte - Office of Knowledge, Information and Data Services
Cc: Duffy, Robin
Subject: Spencer Update & Recommendations

Charlotte,

As mentioned in our call the other day, we sent Robin Duffy on site last Thursday to address a wireless access issue. Spencer has the Extreme Networks Identity & Access Control solution, in addition to base wireless connectivity. During his trouble shooting, he found that the IP address of the NetSight management server had been changed at some point. That caused a break in the communication flow from the authentication appliance, as well as the network switches and wireless controller to NetSight. This then prohibited users from being able to authenticate to gain access to the wireless network and also prohibited the network devices from reporting on the health of the network. Robin adjusted the configuration to reestablish proper communication between all elements. Eric requested that we disable device registration and I think that was to attempt to simplify things for end users since his iBoss web filter is currently set up to require a log on from every user, every time they connect.

While Robin did not evaluate the entire network, he did notice that some switches did not have IP addresses or passwords. Our recommendations are as follows:

- 1) Their support contract for the network infrastructure needs to be renewed to ensure continuous support for all components. A quote was provided previously which would make all contracts co-terminus and would expire 9/30/15. This date can be adjusted to 6/30/15 if that is more desirable. The prior quote was for \$7177.00. There is a new K-12 only software license for unlimited NetSight Advanced that they should move to. It will save them \$395 in year one and then over \$1500 per year, every year thereafter.
- 2) The new software license will also provide some new capabilities such as the ability to directly integrate NetSight with the iBoss content filter. There is a one-time configuration charge of \$875 to set this up. It will allow our system to talk directly with iBoss, and will eliminate the need for users to have to log in to iBoss every time they connect or every time their device goes inactive.
- 3) We also strongly suggest that we re-enable device registration. This can be set for one time per school year but allows the district to have complete visibility into all devices that connect to the network and the ability to automatically track and provision appropriate access and bandwidth.
- 4) We recommend that we have an engineer do an assessment and remediation of the network. This would involve inspecting network switches, routers and wireless components to ensure that they are configured optimally, are at recommended code levels and are functioning as designed. That should be done as soon as possible and the cost for that is \$1750. That should take 1-2 days to complete.
- 3) Once their server virtualization is in place (after February), we would suggest contracting to have one of our engineers come out and move the NetSight network management application from the old Windows server where it currently resides to the virtual server as a 64 bit application. We would also leverage the new NetSight software entitlement to install a secondary virtual authentication appliance to ensure availability in the event of a hardware failure.

Approximate costs are as follows:

\$4984 = Support Renewal (with NetSight renewal cost of \$2193 removed)
\$1798 = Cost for adjusted NetSight license (includes support for 1st year and then \$750 per year after that)
\$875 = Cost to configure direct network integration with iBoss content filter
\$1750 = Cost for network assessment and remediation
\$1750 = Cost for re-installation of NetSight as 64 bit virtual application and installation/configuration of virtual authentication appliance
\$11,157 = Total estimated cost for all recommended actions

Please let me know if you have any questions or concerns.

Thanks

Jeff Ford

Account Executive / Extreme Networks

jefford@extremenetworks.com

www.ExtremeNetworks.com

Mobile / 502-558-0701

DISCLAIMER:

This e-mail and any attachments to it may contain confidential and proprietary material and is solely for the use of the intended recipient. Any review, use, disclosure, distribution or copying of this transmittal is prohibited except by or on behalf of the intended recipient. If you have received this transmittal in error, please notify the sender and destroy this e-mail and any attachments and all copies, whether electronic or printed.