



If your school's email has ever stopped working for some unexplained reason you may have been **"Blacklisted."**

A Blacklist is a list or register of entities who, for one reason or another, are being denied a particular privilege or service. In this case Email. If a school workstation gets infected with a worm or virus which is a mass-emailer, then this workstation might be considered a spammer. Internet sites like spamcop.net, spamhaus.org, and many others maintain extensive lists of known spammers. If your school gets listed by one of these sites then you may not be able to send email.

Third Party Email is one method spammers use to send unwanted bulk email. 3rd. party email defined is the use of email other than your school's email. Yahoo mail, Gmail, and many others are considered 3rd party mail. If you allow the use of 3rd party email on your network then you are at risk of being blacklisted.

Below is a screen capture of a firewall log telling us that a workstation on this school's network is trying to send email. It is important to note the following:

1. This school was blacklisted twice before the firewall was installed.
2. A rule was put in the firewall that says **"Only allow my school to use our email service"** and **"block all other attempts to send email."**
3. Once that rule was put into effect the firewall log below then tells us there is a workstation that is probably infected with some virus or worm and is trying to send out massive amounts of email.

If you look at the log below you can see that the workstation with the IP address of 192.168.0.76 tried to **send 7 emails in 3 seconds to 7 different IP addresses on the Internet.** Do the math:

~ 8,400 emails per hour.

~ 201,600 per day.

While your reading this document the workstation attempted to send over 300 emails so it's safe to assume this workstation is considered a spammer. Thanks to the firewall, all attempts were blocked so the school does not get Blacklisted!

Log ID:	Date/Time:	Severity:	Filter Name:	Protocol:	Segment:	Source Address:	Dest Address:
97749	2006-04-25 02:59:47	Low	<u>7400: Firewall: Block, id 17</u>	email	LAN-WAN	192.168.0.76:4023	195.245.128.202:25
97748	2006-04-25 02:59:46	Low	<u>7400: Firewall: Block, id 17</u>	email	LAN-WAN	192.168.0.76:4022	212.163.154.45:25
97747	2006-04-25 02:59:46	Low	<u>7400: Firewall: Block, id 17</u>	email	LAN-WAN	192.168.0.76:4020	212.55.154.36:25
97746	2006-04-25 02:59:46	Low	<u>7400: Firewall: Block, id 17</u>	email	LAN-WAN	192.168.0.76:4017	213.58.135.80:25
97745	2006-04-25 02:59:46	Low	<u>7400: Firewall: Block, id 17</u>	email	LAN-WAN	192.168.0.76:4015	193.136.79.102:25
97744	2006-04-25 02:59:46	Low	<u>7400: Firewall: Block, id 17</u>	email	LAN-WAN	192.168.0.76:4014	193.126.240.181:25
97743	2006-04-25 02:59:46	Low	<u>7400: Firewall: Block, id 17</u>	email	LAN-WAN	192.168.0.76:4013	212.113.174.20:25