

CEN Web Filtering - iboss Secure Web Gateway

URL for Filter login: <https://iboss.cteducation.net>

Reporter: <https://iboss-reporter.cteducation.net>

Training Materials:

Online training videos www.iboss.com/info/iscp_past_webinars.html

Username: learniboss Password: ibosstraining

[Current iboss Secure Web Gateway User manual](#)

Q: Why is CEN changing filtering vendors?

Over the past two years, CEN has felt a growing amount of discontent from our user community directed towards the effectiveness of the current filtering platform, Trustwave (formerly M86). Trustwave's lack of functionality in SSL filtering, along with lack of IPv6 support and performance problems were major pain points for CEN and our members. CEN realized that in order to provide the best functionality for price to our members, we needed an alternative.

Q: How was iboss chosen as the replacement?

CEN members were consulted and invited to join a filtering task force in February, 2014. A committee was formed in March and met weekly for several months. Requirements and needs were discussed and four top vendors were chosen to test - Barracuda Networks, Lightspeed Systems, Trustwave, and iboss. CEN staged these platforms provided by the vendor so members could review functionality. After discussing all three and going over what everyone experienced and the technical setup on the CEN side, iboss was chosen as the best fit for our needs.

Q: How do we request an account and get started with the new filter?

Email servicedesk@cteducation.net or call 860-622-4560 Option 3. Let them know you want to open a ticket up to move over to the iboss filtering. Give them your contact info, school where CEN switch is located, and router ID if you have it.

Q: When will the new system be ready to start allowing districts to migrate?

Starting November 14, 2014, we will begin changing accounts over to the new web filter. To get your username/password and start the process please contact the servicedesk. If you do not contact us by Dec 31st, we will place any remaining users that are on the old TrustWave into the minimum IBoss filtering group.

Q. When is the last day to cutover to the new filter?

December 31, 2014 is the mandatory change over date. The State's licensing agreement with Trustwave will expire and there is no intention to renew after this date.

Q. Is there a way to migrate settings from Trustwave to iboss?

8e6 filters have been decommed and are no longer accessible. (Updated Jan 12 2015)

Yes, You can copy your Block URL and ByPass URL lists from Trustwave and paste them into your IBoss profile. Remember, there is a chance you will not have to use your block/allow lists. The iboss filter may pick things up and categorize them better than Trustwave, so you can see how the filter acts once you change over, then edit your block/allow lists as needed. The IP settings and sub-profiles will be done by CEN. There is no way to migrate your categories as they are somewhat different between the two vendors. You can take screenshots of your categories just as a base so it can be compared to how you want to setup your IBoss profile.

To copy your URL lists, go into your 8e6 profile. Click on Exception URL. From either list, click on the top link, hold down shift, then click on the bottom link. This will highlight all the links for you. You can then hit CTRL-C to copy them. You then go into your IBoss Allow or Block List, click on +Import and then you can CTRL-V/Paste them into the Import List. You will need to remove the http://, https://, and *. text from the records before saving it.

Q. Will the training webinars be recorded?

Yes, the links will be available at : http://iboss.com/info/iscp_past_webinars.html and on the CEN Web Filtering Service page. Log in is learniboss and PW is ibosstraining. In addition, this link can be accessed from our Twitter account @CTEDUNET, or company Facebook and LinkedIn account at Connecticut Education Network.

The first training session (Nov 20th) recording can be found at:

<http://mirror.net.cen.ct.gov/hosted/iboss/IBoss%20CEN%20Member%20Training%202014-11-20.wmv>

Note the second training from Nov 25th was not recorded.

The third training session (Dec 10th) recording can be found at:

<http://mirror.net.cen.ct.gov/hosted/iboss/IBoss%20CEN%20Member%20Training%202014-12-10.wmv>

Q. Will Trustwave Filtering contract still be available?

Yes, the Trustwave contract with DBO can still be used to continue use of that product through Jan 1, 2016. You can work with Dale Brockhart from DBO at daleb@digitalbackoffice.com or 203.874.5545. Please note that CEN will not cover the licenses for the Trustwave filter beyond December 31, 2014.

Q. Can a site purchase a local appliance like we could under the previous CEN Web Filtering system?

Yes, the filtering licenses will be covered by CEN as in the previous service. See [this spreadsheet](#) for pricing and options for local appliances.

Q: How do we contact iboss for local appliance purchasing and questions related to additional services?

Daniel Farina
Daniel.Farina@iboss.com
877-742-6832 Ext. 7998

Q. What is the default level of filtering for districts taking advantage of CEN's cloud filtering?

By default, CEN enables filtering on the following categories: "Adult Content", "Malware", "Porn/Nudity", "Porn - Child", and "Violence & Hate". These categories are recommended by iboss to achieve CIPA compliance, but are not an official legal opinion of CIPA compliance. Per the Connecticut Commission for Educational Technology, "Porn/Nudity" and "Porn - Child" can not be removed from a user's profile as they are considered minimum levels of filtering.

Technical Questions

Q. Are there any ports I should look to open on my firewall inbound/outbound?

Yes, IBoss uses port 8080 to display the blockpage and port 7080 for management so to play it safe you want to make sure these are open.

Q. Does iboss support LDAP / Opendirectory?

Yes, the iboss appliance supports LDAP, but only if a site has their own onsite appliance.

Q. Can I use my private NAT range behind CEN's cloud filter?

No, Like Trustwave, CEN's iboss deployment sits in beyond the districts firewall and therefore can only see the public IP range. Therefore, it cannot differentiate between individual users if they are NAT'd to one IP address. CEN is working with iboss to provide a custom solution in the future where members can extend their LAN into a "virtual" iboss instance; however, this is only in early discussions and is not currently available and it is unknown at this time if it will become available in the future.

Q. Does the Web Filter support IPv6?

Yes. Unlike other filtering platforms which perform IPv6 to IPv4 translation, iboss performs 1-1 filtering of IPv6 addressing.

Q. Will CEN provide reporting if I use their cloud environment?

Yes. We expect to be able to provide minimal reporting (unlike with Trustwave). Since all of the user's traffic will be hidden behind a single IP (normally), this means you will not get any granularity. You will only see things based on that IP, and not your internal private IP addressing. To get more granular reports, you will need a local reporting appliance, like with Trustwave.

Q. Will the CEN cloud iboss filter both TCP and UDP?

No. CEN cannot guarantee reliable delivery of latency sensitive traffic "UDP" through its cloud based filter. Therefore, CEN will not be filtering on UDP traffic. Users desiring this advanced functionality will need to pursue purchasing a dedicated appliance. Note the current Trustwave solution does not filter on UDP either.

Q. Can I change my iboss password myself?

No. The change password feature in the top right corner of your screen is not linked to your account. iboss is working to remove this button when the units are connected to active directory. Since you have delegated accounts you will need to contact CEN to have your password changed. We are working on a self-service password change option.

Q. If I have subprofiles, will any changes I make in the top profile automatically be made to the subprofiles?

No. Each group is discrete and unique. However, once you've got the top level group configured the way you'd like, you can ask CEN to copy those settings to your subgroups. Then, you'd be able to just make the slight changes that might be necessary to have the appropriate filtering configuration for each group.