

How to copy the W3C specific log format from one log subscription or from one Cisco Web Security Appliance to another



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How to copy the W3C specific log format from one log subscription or from one Cisco Web Security Appliance to another.

Environment: Cisco Web Security Appliance (WSA) supporting W3C logs (AsyncOS version 6.0.0 and later)

Symptoms: A specific W3C log format (fields and their order) has been configured for a WSA. A second WSA is being set up and the same log format should be configured. The GUI does not offer a way to paste in values so you would need to manually recreate the log which might be time consuming.

Solution

You can obtain the configured W3C format string of a specific subscription using the CLI as follows (this assumes a W3C log subscription named *w3clog1*):

```
wsa> logconfig
```

Currently configured logs:

1. "accesslogs" Type: "Access Logs" Retrieval: FTP Poll
2. "authlogs" Type: "Authentication Framework Logs" Retrieval: FTP Poll
-
-
23. "updater_logs" Type: "Updater Logs" Retrieval: FTP Poll
24. "w3clog1" Type: "W3C Logs" Retrieval: FTP Poll
25. "wbnp_logs" Type: "WBNP Logs" Retrieval: FTP Poll

.....
.....

Choose the operation you want to perform:

- NEW – Create a new log.
- EDIT – Modify a log subscription.
- DELETE – Remove a log subscription.
- HOSTKEYCONFIG – Configure SSH host keys.

[]> EDIT

Enter the number of the log you wish to edit:

[]> 24

Please enter the name for the log:

[w3clog1]>

Enter the format string:

```
[timestamp x-elapsed-time c-ip x-resultcode-httpstatus sc-bytes cs-method  
cs-url cs-username x-hierarchy-origin cs-mime-type x-acltag x-result-code  
x-suspect-user-agent cs(Referer) cs(User-Agent)]>.....
```

In *CLI -> logconfig -> edit*, the exact configured W3C format string is displayed.

While you create a new W3C log subscription in the CLI (*CLI -> logconfig -> NEW -> ...*) on new or same WSA appliance, you can copy and paste the previous string to match the exact W3C configuration.

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