## Suricata - Support #3193

**Compile: error: implicit declaration of function 'htp_config_set_lzma_memlimit' is invalid in C99**

**09/24/2019 03:38 PM - Leif Tishendorf**

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
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<tr>
<td>Assignee:</td>
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<td>Category:</td>
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<td>Affected Versions:</td>
<td>5.0rc1</td>
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</tbody>
</table>

### Description

Issue compiling latest git pull of 5.0-dev.
Ubuntu 18.04.3 LTS
Kernel: 4.15.0-64-generic

@CC=clang ./configure --prefix=/usr/ --sysconfdir=/etc/ --localstatedir=/var/ --enable-luajit --enable-geoip --enable-ebpf --enable-ebpf-build

```
CC app-layer-htp.o
app-layer-htp.c:2383:5: error: implicit declaration of function 'htp_config_set_lzma_memlimit' is invalid in C99 [-Werror,-Wimplicit-function-declaration]
  htp_config_set_lzma_memlimit(cfg_prec->cfg, ^
app-layer-htp.c:2383:5: note: did you mean 'htp_config_set_field_limits'?
./../libhtp/htp/config.h:427:6: note: 'htp_config_set_field_limits' declared here
  void htp_config_set_field_limits(htp_cfg_t *cfg, size_t soft_limit, size_t hard_limit);
  ^
app-layer-htp.c:2383:5: warning: this function declaration is not a prototype [-Wstrict-prototypes]
  htp_config_set_lzma_memlimit(cfg_prec->cfg, ^
app-layer-htp.c:2387:5: error: implicit declaration of function 'htp_config_set_compression_bomb_limit' is invalid in C99 [-Werror,-Wimplicit-function-declaration]
  htp_config_set_compression_bomb_limit(cfg_prec->cfg, ^
app-layer-htp.c:2387:5: warning: this function declaration is not a prototype [-Wstrict-prototypes]
app-layer-htp.c:2711:13: error: implicit declaration of function 'htp_config_set_lzma_memlimit' is invalid in C99 [-Werror,-Wimplicit-function-declaration]
  htp_config_set_lzma_memlimit(cfg_prec->cfg, (size_t)limit);
  ^
app-layer-htp.c:2716:17: error: implicit declaration of function 'htp_config_set_lzma_memlimit' is invalid in C99 [-Werror,-Wimplicit-function-declaration]
  htp_config_set_lzma_memlimit(cfg_prec->cfg, 0);
  ^
app-layer-htp.c:2732:13: error: implicit declaration of function 'htp_config_set_compression_bomb_limit' is invalid in C99 [-Werror,-Wimplicit-function-declaration]
  htp_config_set_compression_bomb_limit(cfg_prec->cfg, (size_t)limit);
  ^
2 warnings and 5 errors generated.
Makefile:1819: recipe for target 'app-layer-htp.o' failed
```

### History

#### #1 - 09/24/2019 03:43 PM - Victor Julien

Configure should check for those, unless you have libhtp inside the suricata checkout and did not update that.

#### #2 - 09/24/2019 03:52 PM - Leif Tishendorf

Sorry, been so long since I did the initial checkout I completely forgot I manually pulled the libhttp repo as well. Everything is working fine.

#### #3 - 09/24/2019 05:21 PM - Victor Julien

- Tracker changed from Bug to Support
- Status changed from New to Closed

Thanks for confirming!