

Stack traces for v7.5.5 resolved reset issues

Websense Content Gateway V7.5.5

V7.5.5 includes fixes for a number of issues that could cause Content Gateway to reset. The following issues occasionally caused resets in previous versions, but have been resolved in v7.5.5:

1. A memory buffer allocation-related error occurred. [CR 44782]

Stack trace:

bin/content_gateway STACK TRACE:

```
bin/content_gateway(_ZN10HostLookup10MatchFirstEPKcP15HostLookupStatePPv+0x51) [0x8406621],
bin/content_gateway(_ZN11HostMatcherI20ContentControlRecord12FilterResultE5MatchEP11RequestDataPS1_+0x48) [0x81594e8],
bin/content_gateway(_ZN14ControlMatcherI20ContentControlRecord12FilterResultE5MatchEP11RequestDataPS1_+0x29)
[0x8159989],
bin/content_gateway(_Z14contentAllowedP12FilterResultP15HttpRequestDataPc+0x2a) [0x81570ca],
bin/content_gateway(_ZN12HttpTransact18StartAccessControlEPNS_5StateE+0x2f) [0x828a4cf],
bin/content_gateway(_ZN12HttpTransact11OSDNSLookupEPNS_5StateE+0x958) [0x828b408],
bin/content_gateway(_ZN6HttpSM32call_transact_and_set_next_stateEPFvPN12HttpTransact5StateEE+0x34) [0x82a7834],
bin/content_gateway(_ZN6HttpSM16do_hostdb_lookupEv+0xee) [0x82a841e],
bin/content_gateway(_ZN6HttpSM14set_next_stateEv+0x956) [0x82bef36],
bin/content_gateway(_ZN6HttpSM32call_transact_and_set_next_stateEPFvPN12HttpTransact5StateEE+0xd0) [0x82a78d0],
bin/content_gateway(_ZN6HttpSM17handle_api_returnEv+0xde) [0x82bb12e],
bin/content_gateway(_ZN6HttpSM17state_api_calloutEiPv+0x290) [0x82b3560],
bin/content_gateway(_ZN6HttpSM14do_api_calloutEv+0x74) [0x82c0474],
bin/content_gateway(_ZN6HttpSM14set_next_stateEv+0x336) [0x82be916],
bin/content_gateway(_ZN6HttpSM32call_transact_and_set_next_stateEPFvPN12HttpTransact5StateEE+0xd0) [0x82a78d0],
bin/content_gateway(_ZN6HttpSM32state_read_client_request_headerEiPv+0x649) [0x82b2d89],
bin/content_gateway(_ZN6HttpSM12main_handlerEiPv+0x10d) [0x82bceed],
bin/content_gateway [0x835d3e3],
bin/content_gateway [0x836161a],
bin/content_gateway(_ZN10NetHandler12mainNetEventEiP5Event+0x2e3) [0x8365103],
bin/content_gateway(_ZN7EThread13process_eventEP5Eventi+0x83) [0x83535f3],
bin/content_gateway(_ZN7EThread7executeEv+0x5d0) [0x8351580],
bin/content_gateway [0x836b70b],
```

2. Incorrect regular expression (RegEx) was configured for User-Agent in filter.config. [CR 42497]

Stack trace:

bin/content_gateway STACK TRACE:

```
/lib/i686/nosegneg/libc.so.6(regexec+0x12) [0x44af2bf2],
[(nil)],
bin/content_gateway(_ZN11HostMatcherI20ContentControlRecord12FilterResultE5MatchEP11RequestDataPS1_+0x66) [0x8165c26],
bin/content_gateway(_ZN14ControlMatcherI20ContentControlRecord12FilterResultE5MatchEP11RequestDataPS1_+0x29)
[0x8166069],
bin/content_gateway(_Z14contentAllowedP12FilterResultP15HttpRequestDataPc+0x2a) [0x8162e9a],
bin/content_gateway(_ZN12HttpTransact18StartAccessControlEPNS_5StateE+0x2d) [0x82ad82d],
bin/content_gateway(_ZN12HttpTransact11OSDNSLookupEPNS_5StateE+0x928) [0x82ae738],
bin/content_gateway(_ZN6HttpSM32call_transact_and_set_next_stateEPFvPN12HttpTransact5StateEE+0x2e) [0x82cc5de],
bin/content_gateway(_ZN6HttpSM19state_hostdb_lookupEiPv+0x9d) [0x82cf51d],
bin/content_gateway(_ZN6HttpSM12main_handlerEiPv+0xf2) [0x82e2152],
bin/content_gateway [0x80f9067],
bin/content_gateway(_ZN18HostDBContinuation8dnsEventEiP7HostEnt+0x265) [0x80ff515],
```

```

bin/content_gateway(_ZN8DNSEntry4postEP10DNSHandlerP7HostEntb+0x2d9) [0x80ee119],
bin/content_gateway [0x80ee6ea],
bin/content_gateway [0x80f011c],
bin/content_gateway(_ZN10DNSHandler8recv_dnsEiP5Event+0x303) [0x80f0de3],
bin/content_gateway(_ZN10DNSHandler9mainEventEiP5Event+0x25) [0x80f13a5],
bin/content_gateway(_ZN7EThread13process_eventEP5Eventi+0x88) [0x8388948],
bin/content_gateway(_ZN7EThread7executeEv+0x5ad) [0x838649d],
bin/content_gateway(main+0x8cc) [0x817c3ac],
/lib/i686/nosegneg/libc.so.6(__libc_start_main+0xdc) [0x44a52e9c],
bin/content_gateway [0x80d8d81],
bin/content_gateway [0x80d8d81],

```

3. Error reading configuration values from records.config. [CR 37854](v7.5.2 Hotfix 09)

Stack trace:

```

bin/content_gateway STACK TRACE:
bin/content_gateway(_ZN6HttpSM15large_file_hackEbP14IOBufferReader+0x49) [0x82b87b9],
bin/content_gateway(_ZN6HttpSM12main_handlerEiPv+0x10d) [0x82bbd7d],
bin/content_gateway [0x835c1b3],
bin/content_gateway [0x83603ea],
bin/content_gateway(_ZN10NetHandler12mainNetEventEiP5Event+0x2e3) [0x8363ec3],
bin/content_gateway(_ZN7EThread13process_eventEP5Eventi+0x83) [0x83523c3],
bin/content_gateway(_ZN7EThread7executeEv+0x5d0) [0x8350350],
bin/content_gateway(main+0x8f2) [0x816d072],
/lib/i686/nosegneg/libc.so.6(__libc_start_main+0xdc) [0x41e5be9c],
bin/content_gateway(__gxx_personality_v0+0x129) [0x80d7591],
bin/content_gateway(__gxx_personality_v0+0x129) [0x80d7591],

```

4. Issue that generated a Segmentation fault error in content_gateway.out. [CR 43437]

Stack trace:

```

bin/content_gateway STACK TRACE: bin/content_gateway(_Z6_xfreePv+0x1c) [0x836643c], [0x86d9d10],
bin/content_gateway(_ZN9IpMatcherI20ContentControlRecordI2FilterResultED1Ev+0x3f) [0x814482f], bin/content_gateway(_ZN14ControlMatcherI20ContentControlRecordI2FilterResultED1Ev+0x68) [0x81446e8], bin/content_gateway(_ZN19DeleterContinuationI14ControlMatcherI20ContentControlRecordI2FilterResultEE8dieEventEiPv+0x38) [0x8144288],
bin/content_gateway(_ZN7EThread13process_eventEP5Eventi+0x1bc) [0x82ed8ec], bin/content_gateway(_ZN7EThread7executeEv+0x3ac) [0x82ed0ac], bin/content_gateway [0x830153b],
/lib/i686/nosegneg/libpthread.so.0 [0x45c9b462], /lib/i686/nosegneg/libc.so.6(clone+0x5e) [0x45bba2ce], /lib/i686/nosegneg/libc.so.6(clone+0x5e) [0x45bba2ce],
[Nov 10 14:10:02.390] Manager ERROR: [LocalManager::pollMgmtProcessServer] Server Process terminated due to Sig 11: Segmentation fault
[Nov 10 14:10:02.390] Manager ERROR: (last system error 17: File exists)
[Nov 10 14:10:02.390] Manager ERROR: [Alarms::signalAlarm] Server Process was reset
[Nov 10 14:10:02.390] Manager ERROR: (last system error 17: File exists)
[Nov 10 14:10:02 ] example_prep.sh: Checking/Moving old cores...
[Nov 10 14:10:02.688] STATUS: opened diags.log
Microdasys OEM Tool v1.65

```