Upgrading to v8.0

- Upgrading to v8.1.x
- Deprecated features
- API changes
- Cache
- Configuration
- New configuration defaults (changes since 7.x)
- New configuration options
- Statistics/Metrics removed

Upgrading to v8.1.x

Two issues have been identified in the latest v8.1.1 release, which affect certain configurations which includes parent proxying:

1. Memory leak #7380
2. Significant increase in the amount of client-abort errors (20x increase) #7379

This is still being investigated, but anyone experiencing this should reach out to the community and see if we can identify these.

Deprecated features

- traffic_cop has been removed. This removes the health checks that traffic_cop was making against traffic_server. Most installations were already performing health checks against traffic_server.
- Removed metrics.config
- Removed plugins
  - epic
  - ats_pagespeed
  - coallapsed_connection
- congestion.config - The separate congestion control feature has been removed. There are more specific congestion management features controlled in records.config specifically proxy.config.net.default_inactivity_timeout, proxy.config.http.server_max_connections, and proxy.config.http.origin_max_connections.

API changes

- TSHttpArgIndexReserve - renamed to THttpTxArgIndexReserve
- TSHttpArgIndexNameLookup - renamed to THttpTxArgIndexNameLookup
- TSHttpTxnSetHttpRetStatus - renamed to THttpTxnStatusSet
- THttpSsnSSLSConnectionGet - removed and split up into two calls using THttpSsnClientVConnGet and TSVConnSSLConnectionGet - the equivalent would be TSVConnSSLConnectionGet(THttpSsnClientVConnGet(x))

Cache

- The cache format in this release is compatible with previous 6.x, and 7.x releases

Configuration

- New configuration defaults (changes since 7.x)
  - proxy.config.http.negative_revalidating_enabled - default value has been changed to 1
- New configuration options
  - proxy.config.http.post_copy_size - added to buffer POST bodies when the follow redirect feature is enabled (proxy.config.http.number_of_redirections > 0). It the POST body exceeds this value a warning message will be printed in diags.log and the POST will fail to the client.

Statistics/Metrics removed

- Removed metrics.config and all related stats