What's New In v4.1.x

A brief summary for Users and Administrators
(the Jira's are active links)

New Features

- [TS-2008] - Cache control configurations with multiple suffixes

- [TS-2145] - Add metrics for log collation, e.g. messages sent and messages received

- [TS-2165] - Introduce cluster-wide logging stats

- [TS-2212] - Implement <fsiz> log-tag which is the object size regardless if the request is a Range: request or not

- [TS-2259] - Introduce failover for log collation system

- [TS-2323] - Add a .include directive to remap.config

New Features - Plugins/APIs

- [TS-2179] - Add the option to do lowercasing of the path in regex_remap plugin

- [TS-2209] - Add support for lowercasing all substitutions in regex_remap plugin

- [TS-2226] - New set-header operator for header_rewrite plugin

- [TS-2227] - Make header_rewrite load all pparam's as config files

- [TS-2228] - Allow header_rewrite to set overridable records.config configurations

- [TS-2230] - Support flexible hook management in header_rewrite, such that a remap.config rule can trigger header rewrites in other hooks

- [TS-2291] - New plugin remap_stats provides per-remap stats.

Improvements

- [TS-2122] - Enlarge the 64KB limitation of log buffer size

- [TS-2255] - TS should not flood printing after log space reach the limit

- [TS-2260] - Avoid flooding log when log host is down

- [TS-2265] - Remove unsupported log tags: prob, prcb and cgid

Improvements - Configs

- [TS-2159] - Log rotation should happen when log file reaches proxy.config.log.rolling_size_mb, regardless of restarts

- [TS-2232] - Log level for log rolling events changed from Status to Debug

- [TS-2245] - Fix the semantics and behavior of e.g. proxy.config.http.cache.ignore_accept_encoding_mismatch. Each of these configs now take a value of "2"

- [TS-2261] - Add proxy.config.plugin.load_elevated config to restore/elevate access to reading files by root when loading plugins

Improvements - Plugins/APIs

- [TS-2177] - FeatureAPIHooks code needs better comments, naming

- [TS-2195] - Deprecate TSHttpTxnCacheLookupSkip API

- [TS-2242] - Update plugins in core to have same email address and vendor line consistently

- [TS-2311] - ESI plugin: Support responses that are of other text content type as well as non-200 status response

Improvements - Cluster

- [TS-1637] - Nodes marked as idle/dead if we have not heard from them in awhile

- [TS-1638] - Less strict on kernel version checking in clustering

- [TS-1898] - Improve cluster read/write performance

- [TS-2185] - Support to control ClusterCom::sendSharedData frequency

- [TS-2201] - Split drainIncomingChannel into two thread, one handle Broadcast message and other handle Reliable(TCP) request

Improvements - Misc

- [TS-1766] - Resurrect unit test programs, used with "make check"

- [TS-2167] - Update apichecker.pl to give suggestions on additional deprecated APIs

- [TS-2300] - Remove HIT_EVACUATE build option, it's always built

- [TS-2301] - Remove the CACHE_READY macro