

Release Notes



Whilst we run rigorous testing for each of our releases, we always recommend that you thoroughly test new versions in a test environment before releasing to production

Chariot Releases

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- [New built-in MQTT client](#)
 - [Connect to any MQTT servers to publish and subscribe](#)
 - [Multiple simultaneous connections](#)
 - [Topic tree viewer](#)
- [Improvements LDAP/AD Source configurations](#)
 - [Added setting to use auto/suffix/prefix logic for the system username](#)
 - [Support multiple base DNs](#)
 - [Support search and bind with found DN if suffix/prefix is not configured](#)
- [Fixed closing of client connect when no data sent](#)
- [Fixed bug where DUP flag was sometimes incorrectly set on Control Packets](#)
- [Various minor fixes to internal MQTT client](#)
- [Fixed bug with LDAP/AD source export](#)
- [Fixed bug with LDAP auth failure when multiple sources are configured](#)
- [Scrubbed some LDAP/AD source credentials from logs](#)
- [Fixed bug with case sensitivity in AD source usernames](#)
- [Removed storing QoS 0 messages for offline persisted clients](#)
- [New Sparkplug Overview page with topology map](#)
- [Enhanced auth source configs to include domain and username prefix/suffix fields](#)
- [Added auth source configs to backup/restore](#)
- [Added SSL cert detection on initial Chariot startup](#)
- [Updated certs no longer require restart](#)
- [Updated MQTT auth source setting to allow multiple sources and not require manual file changes](#)
- [Fixed license expiration bug in UI page](#)
- [Fixed MQTT LDAP auth config enable/disable without restarting Chariot](#)
- [Fixed packet identifier warnings in log](#)
- [Fixed bug with installation scripts on Linux](#)
- [Fixed connection issues with clients with no specified client ID](#)
- [Fixed possible minor delay in processing QoS 2 messages](#)
- [Fixed LDAP connection issues across Chariot restarts](#)
- [Fixed LDAP configuration form bug when updating through UI](#)
- [Fixed LDAP queries hitting result limit](#)
- [Fixed support for escape characters in LDAP entry DNs](#)
- [Fixed high CPU usage when running bridged connections](#)
- [Fixed issue with Chariot startup using default HTTP/HTTPS ports](#)
- [LDAP support for authentication and authorization of Chariot users and MQTT clients](#)
- [Improved search/delete of Sparkplug Edge Nodes](#)
- [Added alert for client failures to subscribe, client ID collision](#)
- [Improvements to log messages when client connections pre-empt existing connections with same client ID](#)
- [Fixed issue where license activation is not available after restarting trial license](#)
- [Update to Java 11](#)
- [Suppressed channel closed errors](#)
- [Improved failed license error logging](#)
- [Fix for YAJSW install with packaged JVM](#)
- [Fixes/improvements REST API validation and error handling](#)
- [Fix for supporting Sparkplug messages with Metrics that contain no datatypes](#)
- [Added publish of all retained messages on bridge client connect/reconnect](#)
- [Added Sparkplug tracking from bridge clients](#)
- [Fix for client ID collisions disconnecting existing clients when new connect failed](#)
- [Fix for publishing LWT of client disconnected due to ID collision](#)
- [AWS Marketplace support](#)

- Fixed an issue with auto-reconnect for Bridge Client on keep alive timeout
- Fixed an issue with handling of QoS 0 PUBLISH on recently disconnected client sessions
- AWS Marketplace support

- Client-side certificate support
- PKCS8 support for private keys

- Fixed issue with repeated failed client auth attempts causing too many open file descriptors
- Fixed issue where log messages might not appear in the UI

- Added MQTT server bridging to/from other MQTT servers
- Improved closing of socket connections to clients on shutdown
- Improved error handling on failure to load Java KeyStore
- Server no longer needs manual restart after SSL/TLS certs are updated
- Better logging for the server's WebSocket listener startup failures
- Added protection to prevent "admin" role from being removed from "admin" user
- MQTT Clients now get disconnected when their credentials are changed
- Removed default 'anonymous' MQTT Credential. Anonymous MQTT connections can now pub/sub on # by default.
- Support for new Tahu version 1.0.0 and new Sparkplug B features/changes

- Fixed issue with retained LWT messages not getting stored when published by the server
- Fixed rare issue with disconnect packet handling causing deadlock
- Fixes for detecting maximum outbound message queues for clients

- No new features

- Fix for issue with authorization of LWT topics
- Fix for issue with updates to retained LWT messages
- Added disconnect of clients with credential change

- No new features

- Fix for issue with delivery of LWT messages with empty payloads

- No new features

- Fix for small memory leak scaling with # of client connections since last server start
- Improvements to SSL/TLS client connection handling
- Updated JVM to Amazon Corretto 11
- Fix for performance issues with logging under heavy load

- Sparkplug Edge Node and Host ACL generation tool for MQTT clients
- Sparkplug Edge Node Historical Metric tracking
- Sparkplug Edge Node Compression sampling
- Sparkplug Edge Node and Device Birth payload viewing
- MQTT client throughput tracking
- MQTT over WebSocket support
- Alert disabling, and new alerts

- Improved performance under heavy logging
- Fixes for handling of Expired License state

- Initial release of Chariot v2.0.0

- Known issue that Chariot is unable to handle heavy load when installed on Windows and TLS is enabled

- Initial beta release of Chariot v2.0.0

- Known issue that Chariot is unable to handle heavy load when installed on Windows and TLS is enabled