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 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