IBAS: Release Notes

- **Sign up for Software Release Notifications**

Cirrus Link recommends our Customers always thoroughly test new module versions in a test environment before releasing to production.

- **Color Code:** Bug Fix, Feature/Enhancement, Optimization

IoT Bridge for SiteWise v1.0.5 - May 19, 2026

- Updated base OS to Ubuntu 26.04

IoT Bridge for SiteWise v1.0.4 - February 15, 2024

- Added better error handling for invalid Strings in SiteWise
- Added support for Sparkplug v3.0.0 STATE messages
- Updated logbook to v1.3.5
- Updated YAJSW to v13.11
- Updated Ubuntu to 22.04 LTS
- Added click through EULA
- Added support for missing metric datatypes which is now supported by Sparkplug v3.0.0
- Improved logging around Sparkplug encoding
- Updated Apache Commons Config2 dependency to 2.9.0

IoT Bridge for SiteWise v1.0.3 - July 20, 2022

- Added DateTime support to IoT Bridge
- Improvements to logging and log messages
- Fixed error handling for models with two parents
- Added support for MQTT notification enablement on SiteWise measurements
- Fixed bdSeq number handling to ensure offline states are set properly
- Added support for updating models with a config option to enable/disable support
- Removed unused references to Log4J
- Added alias update support with improved Exception handling
- Added support for AWS resource tags with configuration capabilities on a per Sparkplug Group basis
- Fixed potential NPE during asset creation
- Improvements and optimizations to thread handling
- Added Info Metric models for the IBAS instance itself, the IBAS MQTT Client, and Edge Nodes to track status and errors
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IoT Bridge for SiteWise v1.0.2 - Feb 5, 2021

- Changed product name from 'Sparkplug SiteWise Bridge' to 'IoT Bridge for SiteWise'
- Upgraded Eclipse Paho MQTT client implementation to v1.2.5
- Added support for 'optimized UDTs' via Sparkplug
- Fixed support for nested/hierarchical models deeper than two levels
- Fixed bug that caused values to not properly update in NBIRTH messages
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Sparkplug SiteWise Bridge v1.0.1 - Feb 5, 2021

- Added support for hierarchical/nested UDT
- Improved throughput
- Fixed Rebirth request logic
- Added support for history up to 7 days in the past
- Improved cache reload support for existing models and asset models already in AWS SiteWise
- Fixes to re-connection logic

- Improved default configuration structure
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Sparkplug SiteWise Bridge v1.0.0 - Dec 1, 2020

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Sparkplug SiteWise Bridge v1.0.0-beta1 - Oct 20, 2020

- Initial beta release
- Added support for MQTT connections
- Added support for SiteWise connections with auto creation of models and assets and update of measurements
- Added TLS support
- Added Sparkplug primary host ID support
- Added Sparkplug Rebirth support with the ability to disable auto-rebirth support
- Added configurable MQTT client ID support
- Added configurable MQTT keep-alive timeout support
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