Device Cloud by Etherios v2.11.0

Release Notes

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Version 2.11.0 of Device Cloud by Etherios, available on January 15, 2014, brings the following new features and enhancements:

I. Monitor Feature

The Monitor web service includes two new options:

a. monAckOption

This applies to TCP monitors only. This option specifies whether client will explicitly acknowledge TCP push events or allow Device Cloud to automatically ack the events when sent. Options are 'explicit' or 'off'. The default is 'off'.

When set to 'explicit', Device Cloud will wait for the TCP client to acknowledge each push event before it sends the next one. When set to 'off', Device Cloud will assume the push event was received as long as it was able to be delivered.

b. monTransportMethod:

This applies to the HTTP monitor transport only. This option specifies the HTTP method used to send data. Options are 'PUT' or 'POST'. The default is 'PUT'.

II. Alarm Feature

Several enhancements were made to the alarm rules engine in order to improve performance and reliability, especially at large scale.

a. Resiliency

One key enhancement will ensure the state of alarms are preserved in the event servers within the Device Cloud infrastructure need to be restarted. Prior to this release, it was possible for an alarm state to be lost if the component within the infrastructure handling the rules for that particular alarm had to be reset.

b. Alarm API

Users now have the ability to create alarms using the /ws/Alarm web service interface. Please see the Device Cloud Programming Guide for more information.