Bosch Connected World 2020 showcase

BOSCH
Invented for life

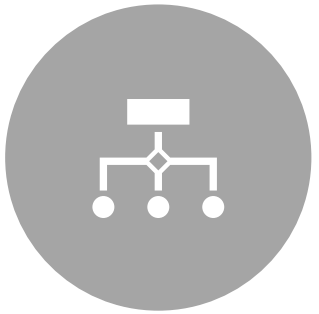
Microsoft

BCW20
Feb 19-20

Platinum Partner
Booth 13

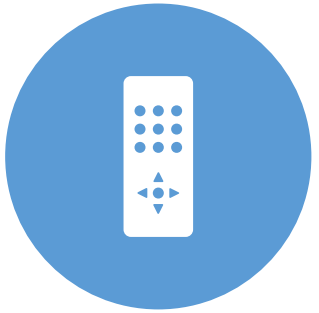
BCW20 – Presented use cases

REMOTE MONITORING OF TIGHTENING PROCESSES



ARCHIVING OF TIGHTENING PROCESS RESULTS

DEVICE HEALTH STATUS REMOTE MONITORING



REMOTE CONTROL

BOSCH Microsoft

BCW 20–Connected Smart Nexo showcase

Microsoft Azure

Edge device in DMZ

Nexo Publisher Port 8080

Nexo Publisher Port 8081

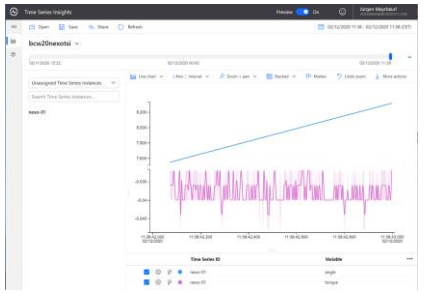
Nexo Publisher Port 8082

Multiple Nexo tightening devices connected over local WLAN

Azure IoT Hub

Event Hub for Streamed data

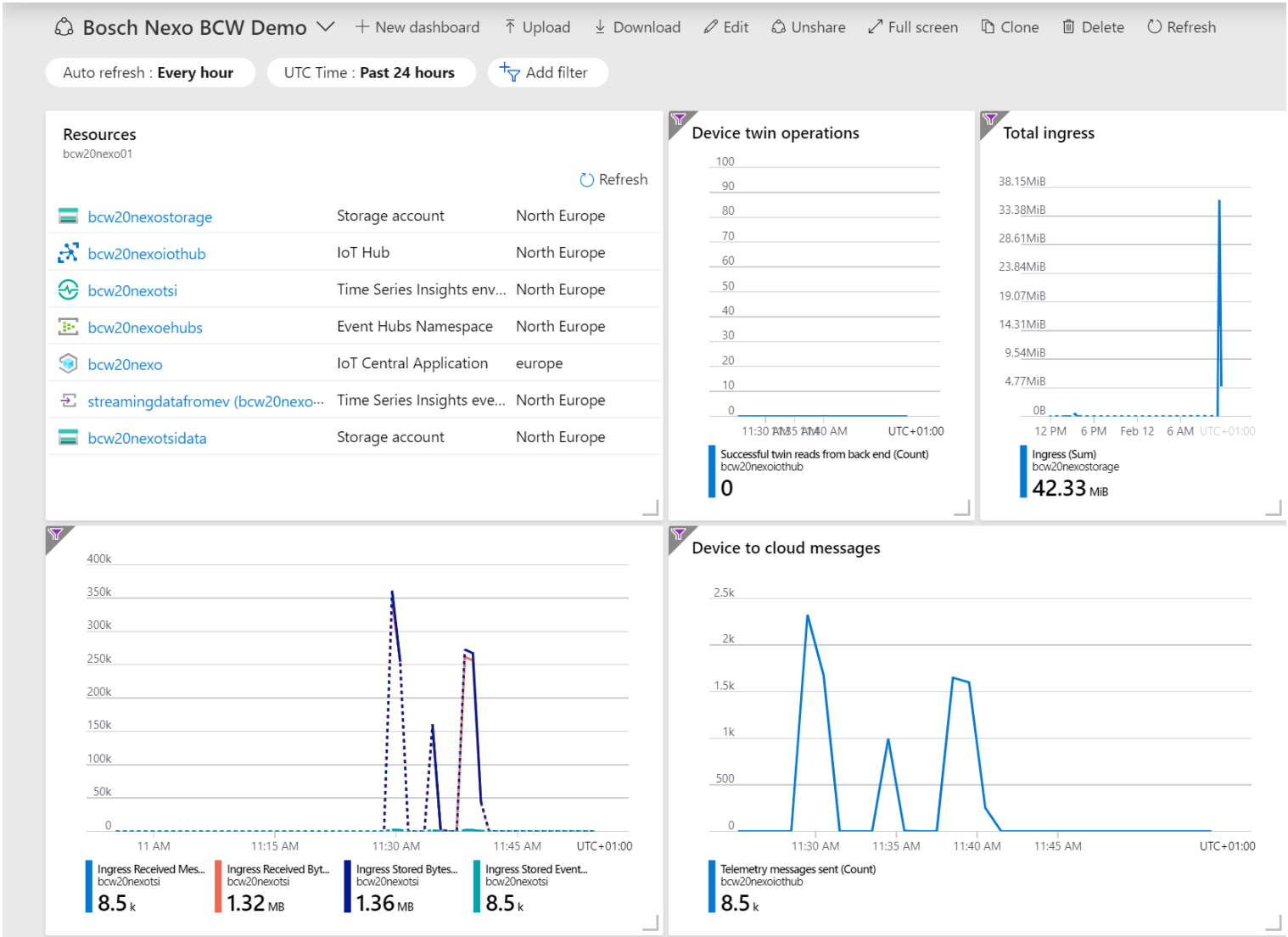
Near real-time analytics and visualization with Time Series Insights



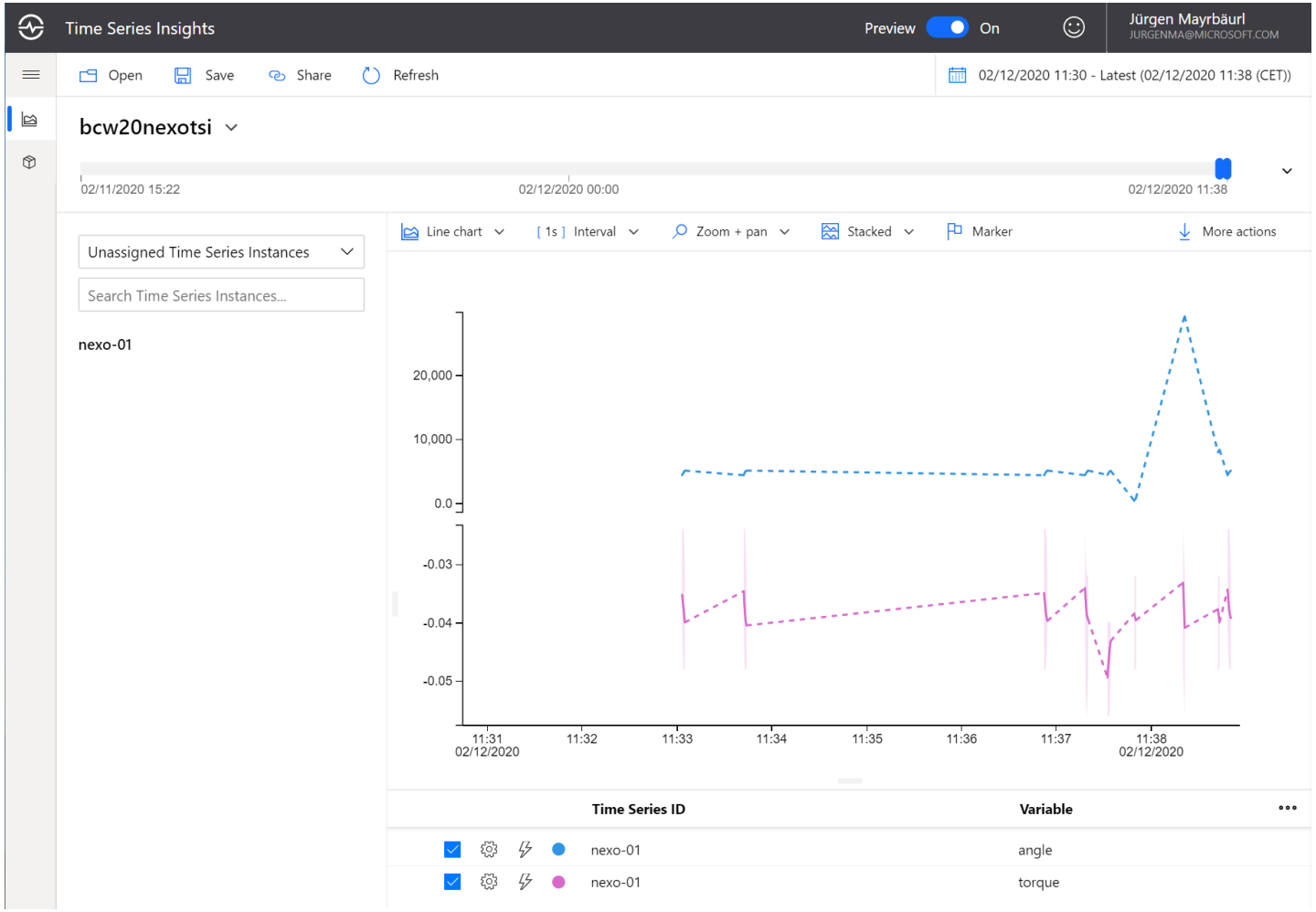
Event Hub for full cycle process information

Message archive and Process info uploads

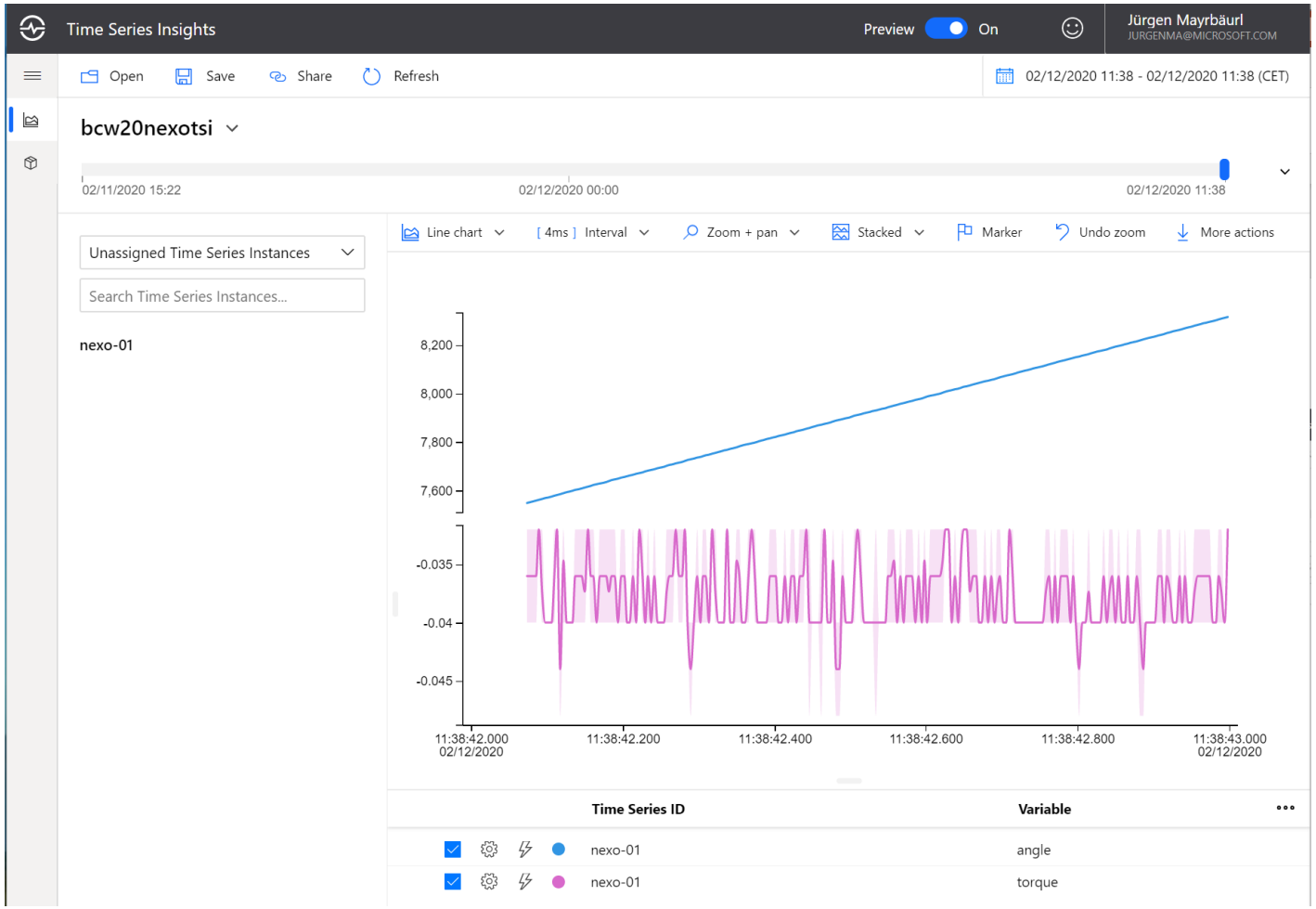
BCW 20 Azure Dashboard



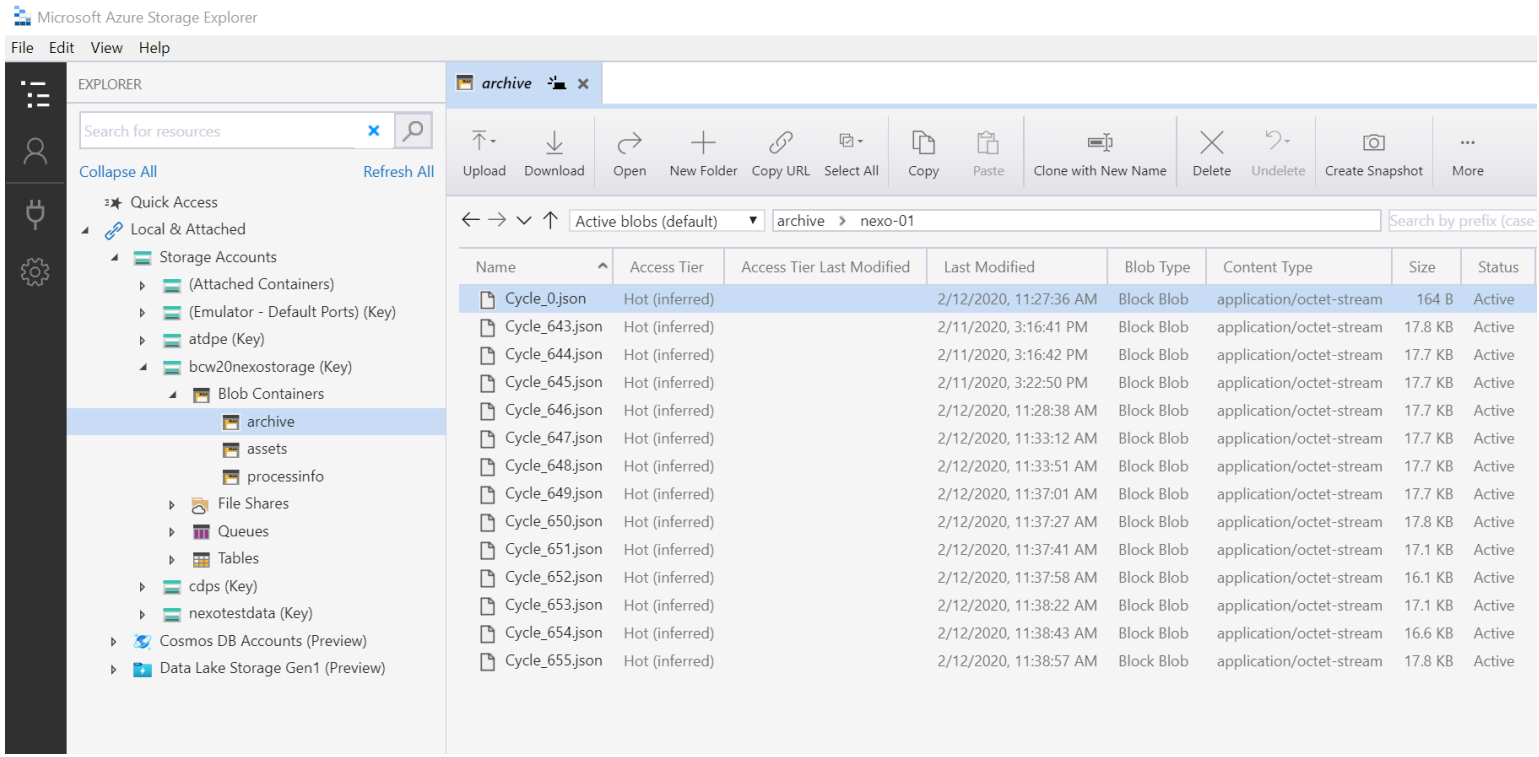
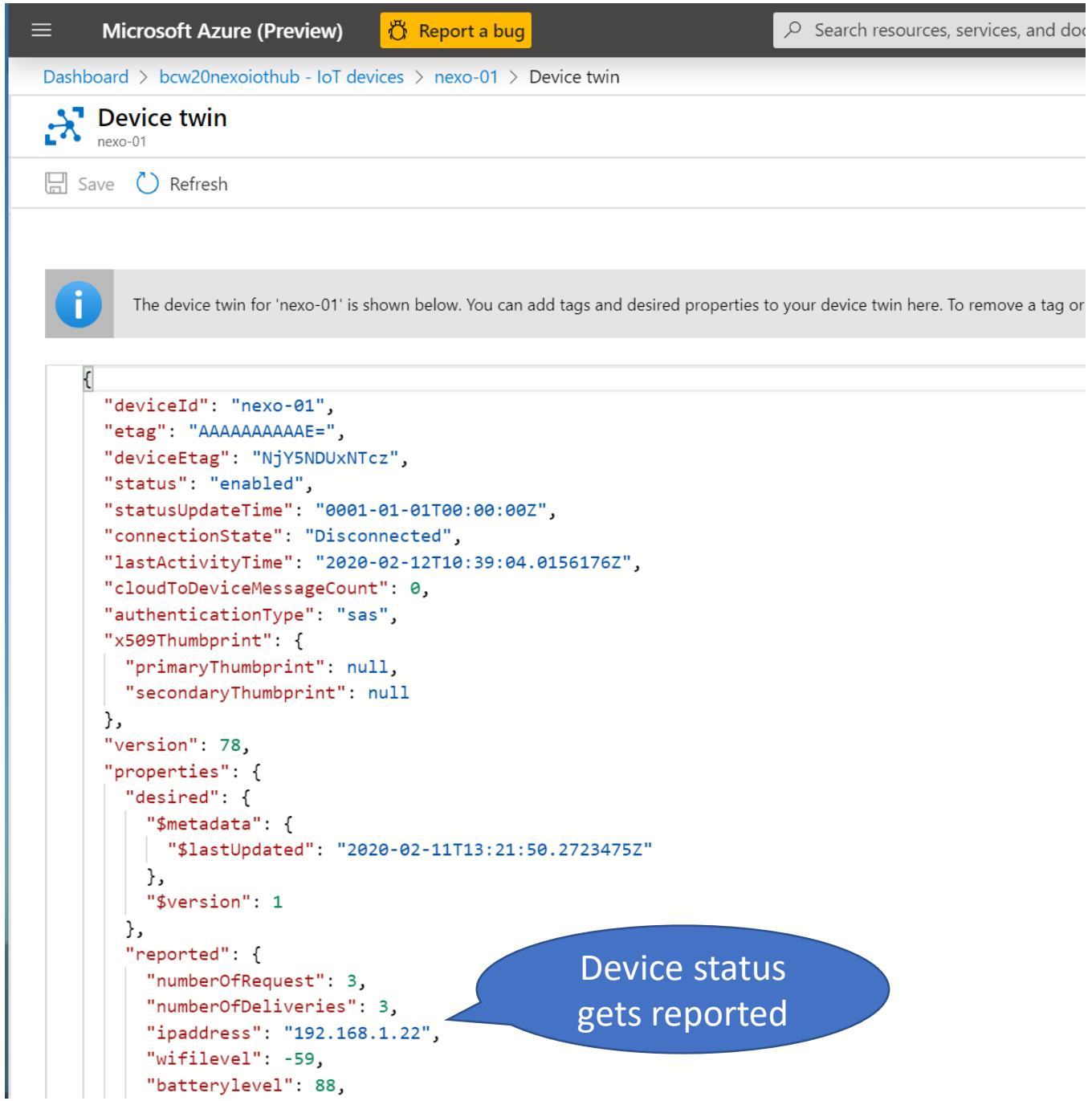
BCW 20 Time Series Insights



BCW 20 Single tightening process



BCW 20 Process info archive



BCW 20
Device Twin