

Recent Skylight Innovations in Review +What's Coming Next!

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Fresh Skylight Innovations

Over the Past Year...



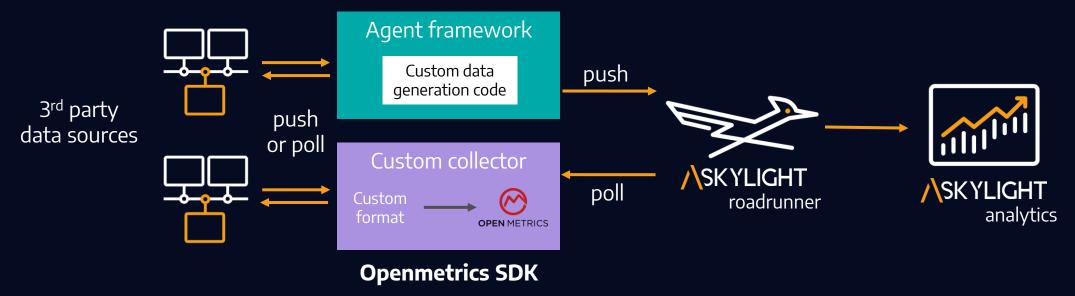


Let's review some of them!

3rd Party Data

Improved correlation capabilities by being in a single tool

- Accedian performance data is great for identifying problems
- Metadata can point you in the right direction for investigation
- What if, for the next step, you didn't need to leave the same tool?
 - 3rd party data sources can now be onboarded by Accedian



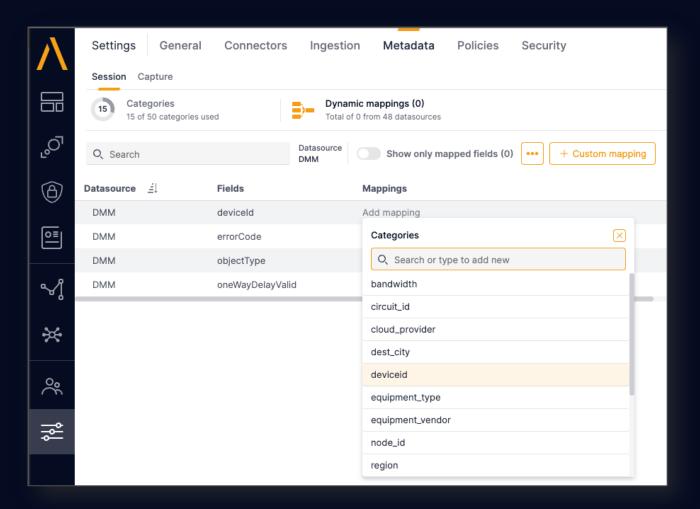
Agent SDK



Dynamic Metadata

Leverage contextual data from directly from the network

- Keeping network-based metadata up to date can be challenging
- Analytics allows you to map non-metric data coming in alongside your PM stream to a metadata category
- Powerful tool for onboarding of 3rd party data and retaining network context of the PM

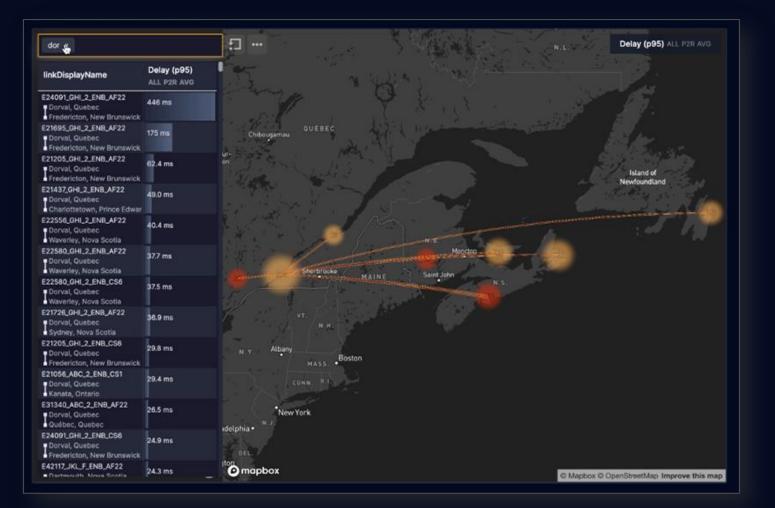




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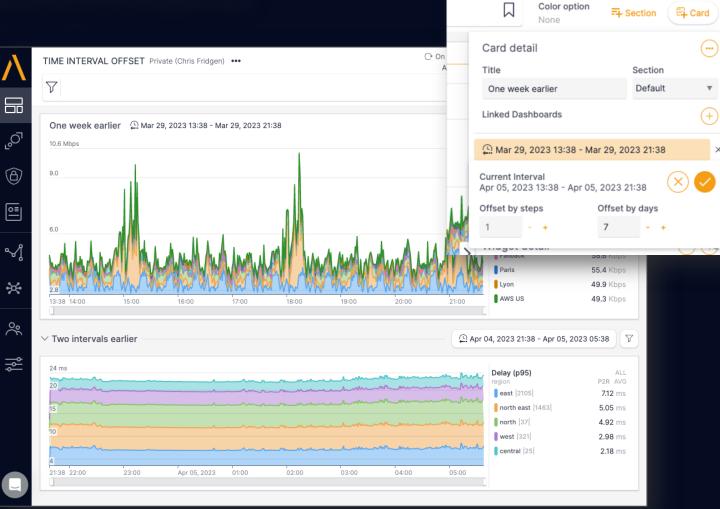
Geo Map with Link Health Monitor performance between sites

- Toggle the ability to see lines between session locations
- Table view of link performance with search terms
- Ability to apply a filter from geo widget



Time Interval Offset Spot differences between periods of time quickly

- Knowing historical data helps identify issues early
- Dashboards now allow you to run certain cards or sections offset from the main time picker
- Easily compare performance hour over hour, day over day, or week over week



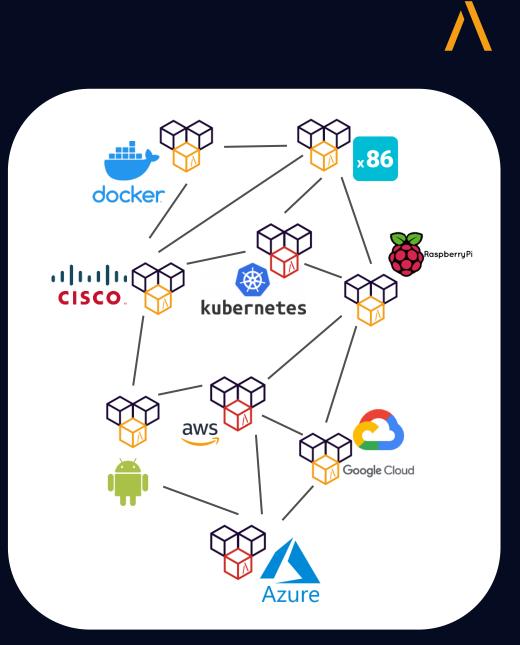
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What are Skylight Sensor Agents? Next-generation Skylight service assurance

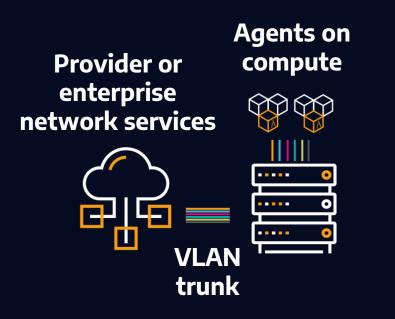
- Software, containerized (docker/kubernetes) on-demand network, service and application assurance
- Cloud-native architecture
- Built for scale and automation
- Primary focus on active Layers 3-7 PM and testing

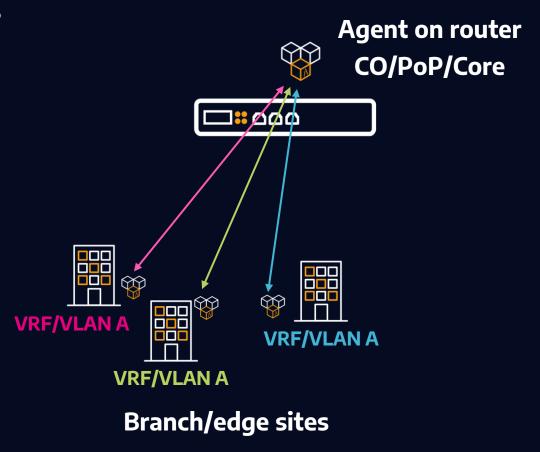


Multi Namespace / VRF Support

Single agent testing across service layers

- Keeping measurement and management/reporting networks separate
- Centralized probing in multi-service networks
- VPN monitoring at aggregation sites







Traceroute Visualize and compare path performance

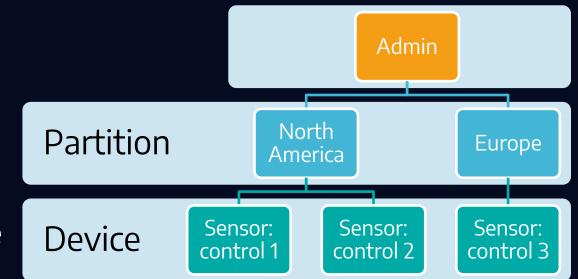
 Run alongside continuous Layer 3 tests to help understand if performance issues are due to path change events

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Network Partitioning

Orchestrator access controls for device management

- Networks responsibilities are often segmented across teams
- Now you can partition devices and assign permissions to control access
 - Commissioning and scheduled jobs
 - SAT tests and session management
- Partitioning is done at the device level. The Control Sensor (VCX) is considered to be one device. All modules and SFPs managed by a sensor control instance are in the same partition.





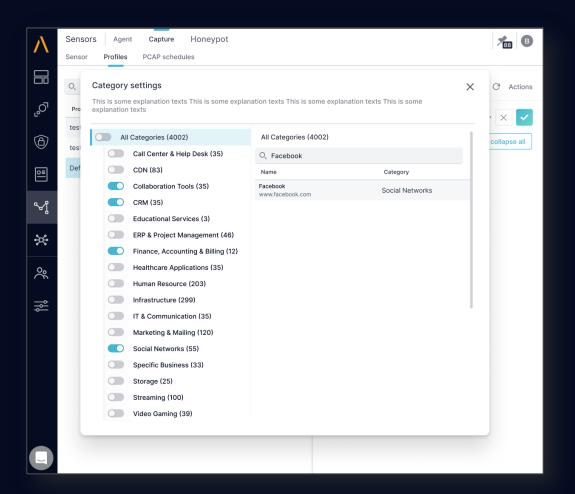
Works in Progress



SaaS Definition Database

Capture Sensor will move from 100s to 1000s of application detections

- Users can pick and choose from a large web service list to have performance monitored
 - Enabled by category for convenience
- This is in addition to existing custom application definitions



Flex 25

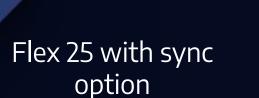
Higher throughput demarcation and business service monitoring

• Physical Interface

- 4 x 10G/25G SFP+/SFP28 ports
- DC (Dual) and Single AC Powered (internal)
- Small footprint: ½ U rack space
- Field replaceable fans (3X)

• Features

- Same content as Flex 100
- Initially Y.1731
- TWAMP coming in Q1 2024
- 40K PPS for PM





Session Scheduling



Build statical models by run non-continuous tests at regular cadences

- Trace and throughput test session types are traditional run as one-off requests when configuring or troubleshooting a network problem
- There is also value in running these on a re-occurring schedule so that there is a history to look back on

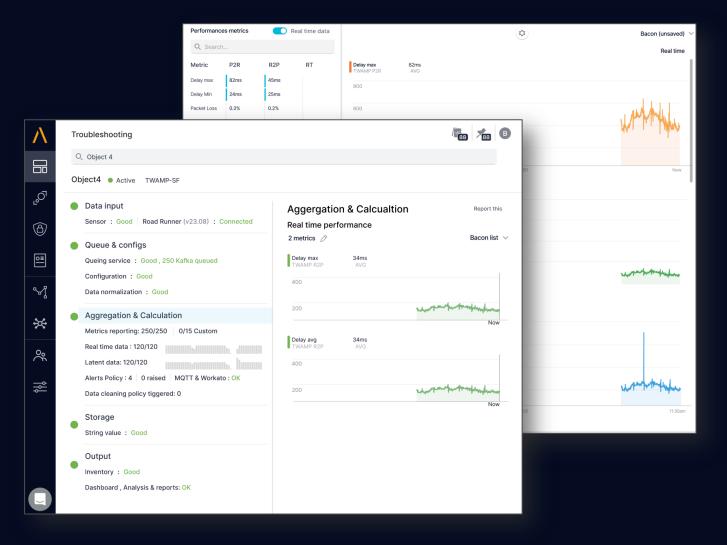
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Real-Time View of Session Data



Avoid delays for a more expedient troubleshooting workflow

- Short cut data processing flows to see the raw data collected by Skylight
- Great for troubleshooting specific session performance
- Bonus provides visibility into where your data is in the Skylight pipeline









Additional questions and feedback!



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