DX Operational Intelligence SaaS 21.06
What's New

June 11th, 2021

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High level summary

- Anomaly Alarm Configuration

- CPA Widget within Service Details

- DX Dashboard Auditing

- Defect fixes and known defects

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Anomaly Alert Configuration

- **Anomaly Alarm** creation criteria may now be specified by users through the metric group configuration

- This advanced configuration grants users the flexibility to override default Anomaly Alarm generation behavior

- Users may specify that an Anomaly Alarm should only be raised if it meets specified criteria, including the following:

  - System settings shows default settings for all options

  - A metric is **above** the calculated threshold **only**

  - A metric is **below** the calculated threshold **only**

  - A metric is **above OR below** calculated upper/lower thresholds, respectively

  - **Count in Occurrences:** Threshold was breached **X** out of last **Y** intervals (ex. **4** out of the last **6** polled intervals)

  - **Count in Minutes:** Within a given **time window**, threshold was breached **X** times (ex. Within past **120 minutes**, threshold was breached **8 times)**

- Anomaly configuration policies are defined at the metric group level

- Additionally, as part of the policy, users may customize the anomaly alarm message content as well as associate a notification policy

Configure Alarms ✕
Setup Anomaly Alarms

☑ Enable Detection

☐ Use System Settings

Alarm

Alarm when anomaly is
☑ Above threshold   ☑ Below threshold

Alarm if anomaly

Count over threshold is ▼   [5]   in [6]   occurrences

Alarm Message

```
${metric_name} has breached threshold for
${countOverThreshold} out of ${observationCount} times for
${host}
```

Select Alarm Notification Policy

Choose an Alarm Notification Policy...   ▼

Cant find? Create New

Cancel   **Done**

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CPA Widget within Service Details

- Within **Service Details**, the newly introduced **Capacity Issues** widget, presents current & predicted capacity alarms associated with a given Service based on underlying entities

- Additionally, it provides users with contextual navigation into **Capacity Analytics** for further analysis
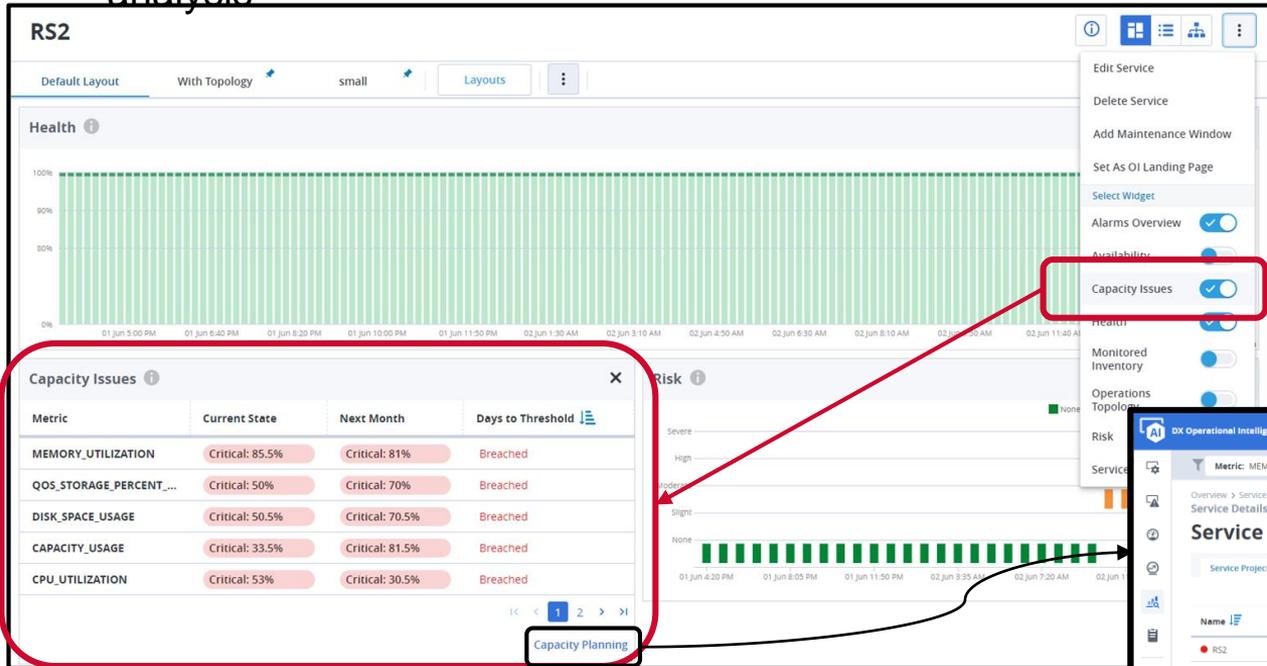
- Forecasted widget data is based on last 30 days with no growth

- Displays capacity metrics that are currently **Critical** OR expected to breach threshold **Next Month** for entities within the Service

- Link provides a launch-in-context to Capacity Analytics

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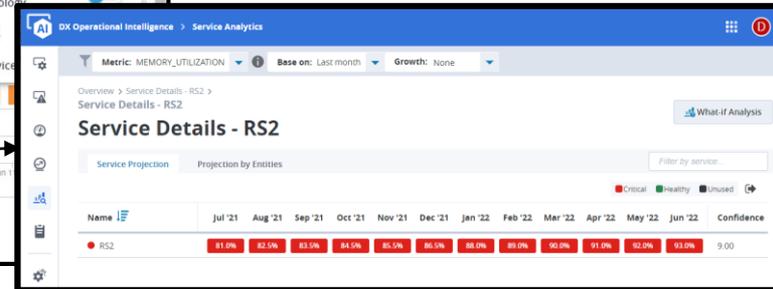
DX Dashboard Auditing

- This release introduces audit logging for user actions performed within DX Dashboards (Grafana)

- Enhanced auditing across OI for improved security & traceability continues to be a focus to meet FedRAMP requirements as well as serve the needs of Tenant Admins

- All audit logging is handled by the DXI AuditLog Service and stored within Elastic

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Defect Fixes

- The service risk which is impacted by number of critical alarms was not behaving as expected based on the service definition in cases of shared CIs between services. (DE501281)

- Parent service and child service risk cascading was not consistent which has been fixed. (DE501305)

- The service filter can now handle larger list of services per tenant. (DE504386)

- Bulk alarm closure from UI error of 504-gateway timeout is now fixed. (DE491391)

- The maintenance windows are now able to handle the daylight savings time to adjust the windows. (DE499454)

- Known issue: Monitored inventory does not show all network devices as of now and it is under consideration for fix. (DE505205)

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Release Notes

More information can be accessed here: https://techdocs-author.broadcom.com/us/en/ca-enterprise-software/it-operations-management/dx-operational-intelligence-saas/SaaS/release-notes/21_06.html

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