



AP2 Revani Release Notes

Version 9.38.2

Skylar One AP2 Revani version 9.38.2 Release Notes

The Revani release for AP2 version 9.38.2 adds support for high-fidelity ESRI ArcGIS map tiles on geographic maps, as well as enhancements to business services, Global Manager, discovery, and events.

IMPORTANT: AP2 releases are separate from Skylar One platform releases to provide updates and improvements more frequently.

These release notes provide a comprehensive list of the features, enhancements, and addressed issues that are included in this release.

This chapter covers the following topics:

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Before You Install or Upgrade

Before you install or upgrade to AP2 Revani, ensure you are running one of the following Skylar One (SL1) 12.5.1 or later.

IMPORTANT: AP2 Revani 9.38.2 is not supported in 13.0.x versions of Skylar One.

NOTE: For details on upgrading Skylar One, see the appropriate Skylar One platform release notes.

IMPORTANT: This update is available to both on-premises and cloud-based (SaaS) Skylar One systems. The AP2 Revani update must be administered to systems that host AP2. All Skylar One appliances in your stack must be on the same AP2 version.

Installing or Uninstalling AP2 Revani

To install AP2 Revani version 9.38.2 onto your system, you must download and install the AP2 Revani TGZ bundle file from the [ScienceLogic Support Center](#). This bundle contains three separate RPM files. You must install the AP2 RPM files on all appliances that host AP2, including Database Servers (All-In-One Appliances, central databases, disaster recovery database servers, and high availability database servers) and Administration Portals. For AWS systems, you must install the RPM files on all relevant data engines.

NOTE: The following instructions provide an example for installing AP2 Revani on a Database Server. These steps are also applicable to other AP2 hosting systems.

To install AP2 Revani version 9.38.2:

1. If you have not already done so, install or upgrade your Skylar One system to version 12.5.1 or above. For more information about upgrading to those releases, see the appropriate Skylar One platform release notes.
2. Go to the [ScienceLogic Support Center](#) and download the Revani TGZ file locally to your machine from the **AP2 Release Versions** page (Skylar One > Downloads > AP2 Releases). To do so, select "Revani" from the **Release Files** table and then click the **[Download File]** button located under the **Release File Downloads** section of the page.

NOTE: Depending on your browser or operating system, the TGZ file might download as a TAR file.

3. Either go to the console of the Skylar One Database Server or use SSH to access the Database Server.

- **For AWS systems:** At the shell prompt, copy the RPM file to your Skylar One system by running the following command:

```
scp -i <aws-system-pem>.pem -o StrictHostKeyChecking=no nextui-  
<Revani-ap2-version>.release.tgz em7admin@<system-ip-  
address>:/home/em7admin/
```

where:

- `<aws-system-pem>` is the PEM file for the AWS system.
 - `<Revani-ap2-version>` is the AP2 Revani release version.
 - `<system-ip-address>` is the IP address of your Skylar One system.
- **For on-premises systems:** At the shell prompt, copy the RPM file to your Skylar One system by running the following command:

```
scp -o StrictHostKeyChecking=no nextui-<Revani-ap2-  
version>.release.tgz em7admin@<system-ip-  
address>:/home/em7admin/
```

where:

- `<Revani-ap2-version>` is the AP2 Revani release version.
 - `<system-ip-address>` is the IP address of your Skylar One system.
4. Install the AP2 TGZ or TAR file on the Database Servers and the Administration Portal by running the following commands on those systems:

- **For TGZ files:**

```
tar -xzf nextui-<Revani-ap2-version>.release.tgz
```

where `<Revani-release-ap2-version>` is the AP2 Revani release version.

- **For TAR files:**

```
tar -xf nextui-<Revani-ap2-version>.release.tar
```

where `<Revani-release-ap2-version>` is the AP2 Revani release version.

5. Finish the installation by running the following commands:

```
cd nextui-<Revani-ap2-version>.release
```

where `<Revani-ap2-version>` is the AP2 Revani release version.

```
sudo sh install-nextui-<Revani-ap2-version>.release.sh
```

where `<Revani-ap2-version>` is the AP2 Revani release version.

6. Enter `y` to confirm the installation of the AP2 RPM file.
7. Reload the daemon service by running the following command:

```
sudo systemctl daemon-reload
```

8. Restart the NextUI service by running the following command:

```
sudo systemctl restart nextui.service
```

NOTE: AP2 will be inaccessible for a few minutes after restarting the NextUI service.

To uninstall the Revani release features for AP2 version 9.38.2:

1. If you are currently on Skylar One version 12.5.1 or above and want to roll back to a previously installed AP2 release, download the RPM file for that earlier release from the **AP2 Release Versions** page (Skylar One > Downloads > AP2 Releases) on the [ScienceLogic Support Center](#). To do so, select the name of the AP2 release you want to roll back to from the **Release Files** table and then click the **[Download File]** button located under the **Release File Downloads** section of the page.
2. After you have the AP2 RPM files downloaded locally, either go to the console of the Skylar One Database Server or use SSH to access the Database Server.

- **For AWS systems:** At the shell prompt, copy the RPM file to your Skylar One system by running the following command:

```
scp -i <aws-system-pem>.pem -o StrictHostKeyChecking=no nextui-  
<rollback-ap2-version>.rpm em7admin@<system-ip-  
address>:/home/em7admin/
```

where:

- `<aws-system-pem>` is the PEM file for the AWS system.
 - `<rollback-ap2-version>` is the rollback AP2 version.
 - `<system-ip-address>` is the IP address of your Skylar One system.
- **For on-premises systems:** At the shell prompt, copy the RPM file to your Skylar One system by running the following command:

```
scp -o StrictHostKeyChecking=no nextui-<rollback-ap2-  
version>.rpm em7admin@<system-ip-address>:/home/em7admin
```

where:

- `<rollback-ap2-version>` is the rollback AP2 version.
- `<system-ip-address>` is the IP address of your Skylar One system.

3. Install the RPM file on your device by running the following command:

```
sudo rpm -U --force --replacefiles nextui-<rollback-ap2-version>.rpm
```

where `<rollback-ap2-version>` is the rollback AP2 version.

4. Reload the daemon service by running the following command:

```
sudo systemctl daemon-reload
```

5. Restart the NextUI service by running the following command:

```
sudo systemctl restart nextui.service
```

NOTE: AP2 will be inaccessible for a few minutes after restarting the NextUI service.

New Features and Enhancements in AP2 Revani version 9.38.2

This section describes the features and enhancements that are included in Skylar One AP2 Revani version 9.38.2.

Business Services

- Added the ability to include an **Automated Actions** column on the **Cleared Events** table for devices and services, providing visibility into the run book actions that are executed for cleared events.
- Made the following improvements to the **Service Investigator** page:
 - The **Service Name** previously in both the **Service Investigator** title bar and in the **Overview** widget; it now appears only in the title bar. Additionally, the **Service Name** field in the title bar is now wider, so longer names display in full, with a tooltip that shows the complete name when it is truncated.
 - The sunburst chart now includes an expand indicator that shows it can be opened, with no change to the existing click behavior.
 - The layout of the service properties and the health, availability, and risk information has also been reorganized for improved readability.
- Root cause analysis (RCA) data for business services is now stored in a compressed format, which improves RCA load times and reduces RCA storage and read I/O.
- Improved the rendering performance for service policies that include a large number of devices.

Discovery

- Updated the guided discovery completion page to display current Skylar One product branding, replacing outdated product name references.

Event Management

- You now have the option to add **External Ticket 2** and **External Ticket 3** columns on the **Events** page and in most other events tables if you are on Skylar One version 12.5.20 or later and your user account has the TKT_ACCESS_EXTERNAL access hook granted to it. These external ticket values can also appear on the **Event Overview** widget.

NOTE: To use these columns in the **Cleared Events** table, you must be on Skylar One version 12.5.21 or later.

Global Manager

- Improved Global Manager performance by persisting the system IDs of managed stacks, so the Global Manager no longer queries each stack's system ID on every request. If a managed stack is re-deployed and its system ID changes, delete the stack from the Global Manager and re-model it so the Global Manager recognizes the updated system ID.

GraphQL (GQL)

- The **GQL Browser** tool (System > Tools > GQL Browser) now includes the GraphQL Explorer, which helps you explore the Skylar One AP2 API by browsing available queries, mutations, and fields for each type, and lets you click to add or remove items while building queries.
- The "Device.FileSystemVitalsIndex" type is now deprecated in favor of "Device.FileSystem". The deprecated type remains functional for backward compatibility.
- Added a "deviceThresholds" query that returns the active thresholds for a device, including device-level overrides as well as system-level and Dynamic Application level settings.
- Added two mutations, "updateDeviceThresholds" and "resetDeviceThresholds", that let you change or clear device-level threshold overrides. You can run these mutations on a Global Manager to manage device thresholds on managed stacks.
- Added the "collector" field to the "device" GQL resource to show the active Data Collector for a given device.
- Added Internet Control Message Protocol (ICMP) support for the traceroute tool in GQL queries and mutations.
- Added GQL support for the new external ticket reference fields for event tables.

Maps

- You can now enhance geographic maps with high-fidelity map tiles sourced from your own ESRI ArcGIS Location Platform account. After you create an ESRI API key and configure an ESRI credential, you can select that credential when creating or editing a geographic map to display detailed street-level tiles, including roads, waterways, landmarks, and boundaries, beneath your devices and services.
- You can now expand a geographic map to full screen. The full-screen view shows the map only, without the accompanying table.

User Interface

- Added a **Quality of Service** page (Registry > Networks > Quality of Service) to the default user interface (AP2). This page displays a list of all Class-Based Quality of Service (CBQoS) classes and policies that are aligned with devices and interfaces discovered by Skylar One, matching functionality that was previously available only in the classic user interface. The page appears only if the **Enable CBQoS Collection** checkbox is enabled on the **Behavior Settings** page (System > Settings > Behavior) and the user account has the SYS_REGISTRY_PAGE and IP_QOS_REG_PAGE access hooks aligned with it.
- The **Device Toolbox Traceroute** tool now allows you to select between User Datagram Protocol (UDP) and ICMP protocols in AP2, matching the selections available in the classic user interface.

Issues Addressed in Skylar One AP2 Revani version 9.38.2

This section describes the issues that were addressed in Skylar One AP2 Revani version 9.38.2.

Access Control

- Addressed an issue where the *Leaderboard Bar Chart* visualization in **Events** widgets could display devices from organizations outside a non-administrator user's authorized scope. Results are now limited to the organizations you are permitted to access. (Case: 00674384) (Jira ID: SLUI-24043)

AP2

- Addressed an issue where the Skylar Analytics version was not scanned immediately for service connections that were established after system startup, causing version-dependent features to fall back to default behavior. (Jira ID: SLUI-23929)
- Corrected a label in the **Web Content** widget's **Metrics & Properties** field that displayed a "Policy Monitor Properties" option instead of the expected "Monitoring Policy Properties". (Jira ID: SLUI-23966)

- Ensured the "updateAccountPreferences" GraphQL (GQL) mutation respects multi-tenancy restrictions when attempting to update an account's preferences. (Jira ID: SLUI-24024)
- Resolved a limitation that displayed only the first 10 custom attributes on the **Events** page. (Case: 00641234) (Jira IDs: SLUI-24027, SLUI-23742)

Authentication

- Ensured the Admin Notifier appears only for administrator users and that Admin Notifier GQL queries do not inadvertently reset the administrator's user session expiration. (Jira IDs: SLS-2104, SLS-2105)

Event Management

- Resolved an issue where access hooks on parent routes incorrectly cascaded to child routes, inadvertently blocking access to users who had the correct access hooks for the child page. (Jira ID: SLUI-23554)
- Resolved an issue where validation errors in unmodified fields were not properly shown in the **Event Policy** editor. (Case: 00639474) (Jira ID: SLUI-23800)

PowerPacks

- Addressed an issue that sometimes prevented users in Security Technical Implementation Guide (STIG) deployments from adding AP2 content objects to PowerPacks. (Jira ID: EM-78797)

System Administration

- Updated the **API Keys** page (Manage > API Keys) so it is disabled by default. For more information, see the section on "Enabling API Keys in Skylar One" in the **ScienceLogic API** manual, which is available on the ScienceLogic Support site under Skylar One > API Documentation. (Jira ID: SLS-2106)

Known Issues

The following known issues affect version 9.38.2 of the Skylar One AP2 Revani release:

Business Services

- On the **Business Services** page and the **Devices** page, converting a basic filter to an advanced search filter and then clearing the advanced filter can cause the page to crash. To work around this issue, refresh the page. (Jira ID: SLUI-23674)

- The **Time Taken to Complete HAR Refresh** and **Time Taken to Complete Hierarchy Calculation** line chart widgets on the **Service Insights** page (Business Services > Service Insights) may display data that goes back further than seven days, and may appear empty on systems that have not yet accumulated sufficient data. (Jira IDs: SLUI-23818, SLUI-23816)
- When creating a service from a template, the resulting service might receive a copy of the policies, even if the **Make copy of policies** checkbox is not selected. (Jira ID: SLUI-23102)
- The filter to select devices or services during service creation from templates is not editable. (Jira ID: SLUI-23247)
- With DEBUG logging enabled, the Business Service Management export path can log an "OSError: Message too long" error when a log record exceeds the syslog datagram size. (Jira ID: SLUI-23972)
- When Business Service Management metric export is enabled, the OpenTelemetry export can repeatedly log an "Invalid type NoneType" exception for ruleset-level records that have no rule ID. (Jira ID: SLUI-23970)

Credentials

- The **Credentials** page in the default user interface (AP2) fails to display credentials that are not aligned with an organization, but displays these credentials correctly in the classic user interface on the **Credential Management** page. (Jira ID: SLUI-20947)
- On the **Credentials** page, if you have more than 50 credentials and at least one of the first 50 credentials is not aligned with an organization, the page displays duplicates of these credentials. (Jira ID: SLUI-20947)

Dashboards

- Editing the scale prefix of a **Devices** widget using the *Leaderboard* visualization does not update the **Storage Used** column in the widget's table. (Jira ID: SLUI-22198)
- Creating a **Devices** widget using the *Line Chart* visualization, then toggling on **Area Chart** and then selecting either *Percentage* or *Normal* from the **Stack Options** field, can cause the line chart to not display. (Jira ID: SLUI-22592)
- When editing a **Devices** widget that uses storage metrics, selecting a **scale prefix** and saving does not apply the change. The scale prefix selection is not retained after saving. (Jira ID: SLUI-23777)
- When creating or editing a **Devices** widget using the *Table* visualization with the **[Title links to another page]** checkbox selected and *Dashboards* selected from the **Link type** field, removing the selected dashboard causes the **[Save Widget]** button to disable, preventing the widget from being saved. (Jira ID: SLUI-23172)
- When a **File Systems** widget using the *Leaderboard Bar Chart* visualization is driving a subscribed table and multiple selections are made in the bar chart, the "%" unit label appears in the **Data Used** column of the table instead of the correct kilobyte (kB) unit. (Jira ID: SLUI-10317)
- Editing an **Events** widget and setting the **Refresh Mode** field to *None* still displays the refresh mode as automatic in the widget's event table. (Jira ID: SLUI-21947)

- Creating an **Interface** widget with the *Leaderboard* visualization, applying an advanced filter, and adjusting the data time span using the **Time span filter** results in an error. (Jira ID: SLUI-22200)
- On the **Dashboards** page, when editing a widget using the *Line Chart* visualization, deleting the default "0" in the **Threshold Line** field prevents the widget from being saved. (Jira ID: SLUI-22591)
- In widgets using the *Table* visualization that have specific entity selections, deleted entities might still appear in the widget configuration after those entities are removed. (Jira ID: SLUI-23229)
- Using the *Comfortable* density setting in widgets with the *Table* visualization might cause the "Find column" menu under **Column Preferences** to not display column options until the widget is resized. (Jira ID: SLUI-23171)
- When editing a widget in the **Edit Widget** modal, if a dashboard has a driving and subscribing widget connected by a custom context, toggling on the **[This widget can drive other widgets]** and saving the widget causes the custom context to disappear from the context drop-down field when the toggle is re-enabled, even if the subscribing widget is still using that context. (Jira ID: SLUI-23151)
- The **Select All** checkbox on the **Dashboards** page only applies to dashboards that are currently loaded and visible in the list, and does not include additional dashboards that load as you scroll down. (Jira ID: SLUI-23686)
- A noticeable delay might occur when interacting with dashboard widgets, such as creating a widget, selecting metrics and properties, or editing a widget. (Jira ID: SLUI-23901)
- Printing a dashboard that contains widgets using the *Number* visualization does not work as expected. (Jira ID: SLUI-23954)
- Users without the TKT_ACCESS_EXTERNAL access hook can still add the **External Ticket**, **External Ticket 2**, or **External Ticket 3** column to an **Events** dashboard widget and view its values. (Jira ID: SLUI-24076)
- When you edit an existing **Service** widget that was configured with all available **Service Type** options, the widget might revert to the Business Service type after you save it, even if you do not change any field. (Jira ID: SLUI-24064)

Device Management

- On the **Devices** page, when sorting your search by the **Organization** column, the inventory table sorts by **Organization ID** instead. (Jira ID: SLUI-21459)
- The assigned organization for devices might not always update, even after performing a bulk alignment organization action on the **Devices** page. To work around this issue, refresh your browser immediately after completing the bulk alignment action. (Jira ID: SLUI-21483)
- You might experience an issue where the **Devices** page loads only the first 30 devices and otherwise continually indicates that the page is loading. (Jira ID: SLUI-23248)
- When sorting by columns on the **Device Investigator** page in Firefox, the table might continuously attempt to retrieve results unsuccessfully. (Jira ID: SLUI-21095)
- The number of unacknowledged events in the **Device Overview** panel of the **Device Investigator** page does not update despite acknowledging alerts on a device. (Case: 00471966) (Jira ID: SLUI-20858)

- The **Device Categories** page (Devices > Device Categories) fails to load properly whenever there is a category with a null ID. To work around this issue, go to the **Device Categories** page (System > Customize > Device Categories), locate the category with the null ID, and then remove that category by clicking the delete icon () next to the category. (Jira ID: SLUI-20731)

Events

- The events on the **Events** page cannot be sorted by the **Organization** column. (Jira ID: SLUI-20903)
- From the **Event Policies** page (Events > Event Policies), you can delete only a single event policy at a time, even if you select multiple event policies for bulk deletion. (Jira ID: SLUI-20853)
- On Skylar One version 13.0.6, active events might fail to display on a service's **[Events]** tab due to a database error referencing an external ticket column that does not yet exist on that platform version. (Jira ID: SLUI-24158)
- The event age shown on the **Events** page might not match the age shown on the **Classic Events** page, which can cause a discrepancy between the events that display based on the **Age** column filter depending on which page you are viewing. (Jira ID: SLUI-24125)
- The **External Ticket**, **External Ticket 2**, and **External Ticket 3** values appear as clickable links on the **Events** page but as plain text on the event details page. (Jira ID: SLUI-24124)
- Pasting text into the code view of the event policy **Description** field and saving immediately might not save the change; editing and saving the policy a second time saves it correctly. (Jira ID: SLUI-24103)
- Some event policy descriptions might not render correctly on the **Event Policy Editor** page. (Jira ID: SLUI-24102)
- Filtering the **Last Edited** column on the **Event Policies** page (Events > Event Policies) by a date or time range might return no results, even when matching event policies exist. (Jira ID: SLUI-21029)

Global Manager

- The devices on the **Devices** page in Global Manager systems cannot be sorted by the **IP Address** column. (Jira ID: SLUI-21108)
- On Global Manager systems, the **View Event Policy** option in the **Actions** menu () on the **Events** page does not work as expected. (Jira ID: SLUI-21133)
- On Global Manager systems, the **Events** page does not display events from child stacks. To work around this issue, clear all system caches on both the child stacks and the Global Manager parent stack, then restart the NextUI service. (Jira ID: SLUI-21134)
- On Global Manager systems, the **ID** column in organization widgets and device widgets now displays the organization's GUID rather than the stack ID and organization ID as intended. (Jira ID: SLUI-22654)

GraphQL (GQL)

- The "harProviderOnDemandProcessing" query incorrectly creates a service table in the "data_har" database when executed with invalid or non-existent service IDs. (Jira ID: SLUI-21135)
- The "monitorMetricDataSearch" query for device monitor metrics returns an internal server error. (Jira ID: SLUI-23619)
- Clicking the **[Run Now]** button for any Dynamic Application on the **[Collections]** tab of the **Device Investigator** displays the following GQL error message: "Variable "\$proclD" of non-null type "ID!" must not be null." (Jira ID: SLUI-21070)
- In the GQL browser, the auto-complete suggestions for queries and mutations can fail to load and instead show an error in the user interface and browser console, preventing type-ahead help while editing requests. (Jira ID: SLUI-23433)
- The "deviceTraceRoute" mutation might return an error instead of running the traceroute. (Jira ID: SLUI-24157)
- A query for Dynamic Application metric data on a device might return empty results when that device is retrieved as part of a multi-device search, even though the same query succeeds for a single device. (Case: 00699859) (Jira ID: SLUI-24126)
- In Global Manager, the "deviceThresholds" query does not support the "globalManagerStackSearch" filter. To request thresholds for a device on a managed stack, use a stack-prefixed device ID. (Jira ID: SLUI-24038)

Maps

- When creating or editing a geographic map, filters applied in one map might be hidden if the related column is hidden in another map. To work around this issue, click the gear icon () , select *Column Preferences*, and then click "Show All". Alternatively, you can click the gear icon () next to the filter field (used to search devices or services) and select *Clear*. This prevents columns from being hidden or shown while preserving your applied filters. (Jira ID: SLUI-22809)

System Administration

- When editing a collector group from the **Collector Groups** page (Manage > Collector Groups) by clicking its **Actions** menu (ellipsis icon) and clearing two or more organizations in the ***Limit access to specific organizations*** field of the **Edit Collector Group** modal, the ***Organizations*** column on the **Collector Groups** page shows that only one organization was deselected, even if multiple were. (Jira ID: SLUI-22167)
- Message Collectors on the **Collector Groups** page (Manage > Collector Groups) cannot be sorted by the ***Message Collectors*** column. (Jira ID: SLUI-22099)

User Interface

- Name changes to nodes are not saved on the **Nodes** page (Manage > Nodes). (Jira ID: SLUI-22248)
- The filter for columns where you can select a date (such as on the **Events** or **Event Policies** pages) might show an error in the browser console when using the "Before," "After," or "At" options. (Jira ID: SLUI-23421)
- The Skylar AI icon still appears in the basic menu even after the Skylar AI connection is disabled. (Jira ID: SLUI-23327)
- Clicking **[Clear Filters]** once on a table-based list page (such as **Devices**, **Business Services**, **Events**, **Maps**, or **Dashboards**) might not clear the filter if clicked shortly after typing in a column filter; click **[Clear Filters]** a second time to clear it. (Jira ID: SLUI-24108)

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