

## SL1 Operational Insights – Platform Operations v102

This PowerPack provides Operational Insights into Platform Operations for the SL1 platform.

NOTE: This PowerPack requires that all ScienceLogic Appliances to be discovered as monitored devices. It is also required that all Data and Message Collector device names match with the Data and Message Collector Appliance names from the Appliances page (System > Settings > Appliances).

NOTE: For HA or HA+DR systems the HA VIP should be discovered as a separate device.

The PowerPack contains

- **2 x Dynamic Application**
- **4 x Dashboards**
- **8 x Widgets**
- **1 x Credential**

### PowerPack Installation

Following step by step instructions will ensure that you install the PowerPack successfully.

1. Navigate to System > Manage > PowerPacks
2. Select Actions > Import Powerpack
3. Select the PowerPack file and Import
4. Once imported click on the Install button

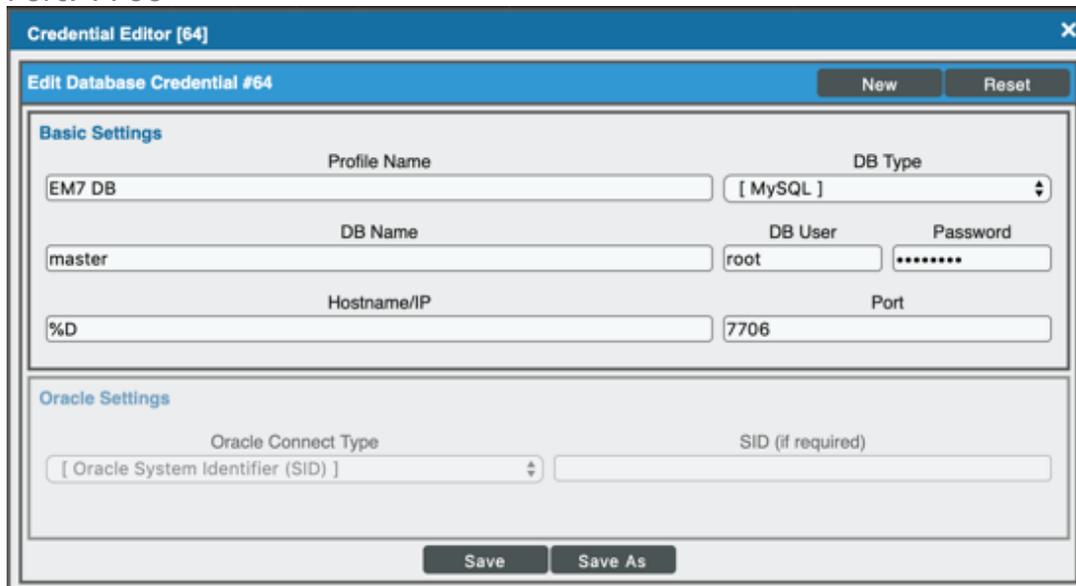
The PowerPack should now be installed on the system.

### Dynamic App Installation

The installation of the PowerPack also requires a manual alignment of the Dynamic Application to the Primary DB.

1. Navigate to the Device Manager under Registry > Devices > Device Manager
2. Search for the Primary SL1 DB
3. Click on the wrench for the Primary DB
4. Navigate to the Collections Tab on the Primary DB
5. Select Actions > Add Dynamic Application
6. Search for **SL1 Operational Insights - Event Counts By Severity** under Dynamic Applications
7. Select a Database Credential (EM7 DB) – if no DB credential is available create a new DB credential with the following options:
  - a. DB Name: master
  - b. DB User: root
  - c. Password: MariaDB Password

- d. Hostname/IP: %D
- e. Port: 7706

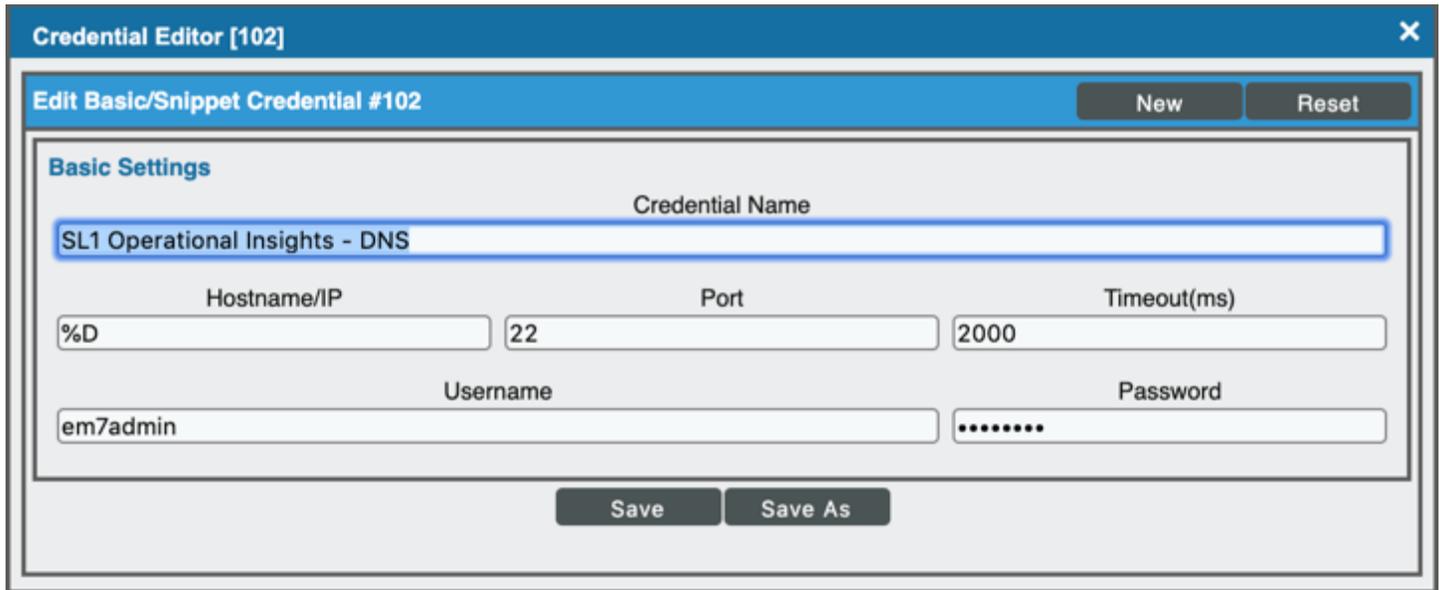


The screenshot shows a 'Credential Editor [64]' window with the following fields:

- Basic Settings:**
  - Profile Name: EM7 DB
  - DB Type: [ MySQL ]
  - DB Name: master
  - DB User: root
  - Password: [ masked ]
  - Hostname/IP: %D
  - Port: 7706
- Oracle Settings:**
  - Oracle Connect Type: [ Oracle System Identifier (SID) ]
  - SID (if required): [ empty ]

Buttons: New, Reset, Save, Save As

8. Click Save
9. The following should be applied to all SL1 appliances in the system. Either by using a Device Template or by individually aligning the app with the SL1 appliances.
10. Select Actions > Add Dynamic Application
11. Search for **SL1 Operational Insights - DNS/Timeservers Auditing** under Dynamic Applications
12. Select a Basic Snippet Credential (**SL1 Operational Insights - DNS**) – You can use the credential that comes with the PowerPack or create your own Basic Snippet Credential with the following options:
  - a. Hostname/IP: %D
  - b. Port: 22 or custom ssh port if any
  - c. Timeout: 2000
  - d. Username: em7admin
  - e. Password: (SL1 Appliances em7admin ssh Password)

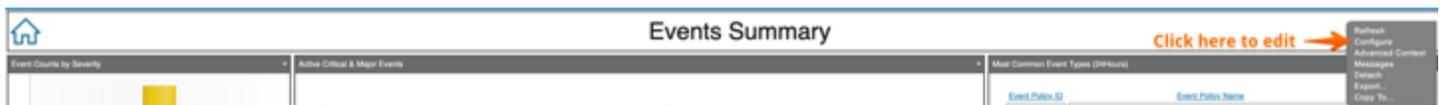


## Dashboard Configuration

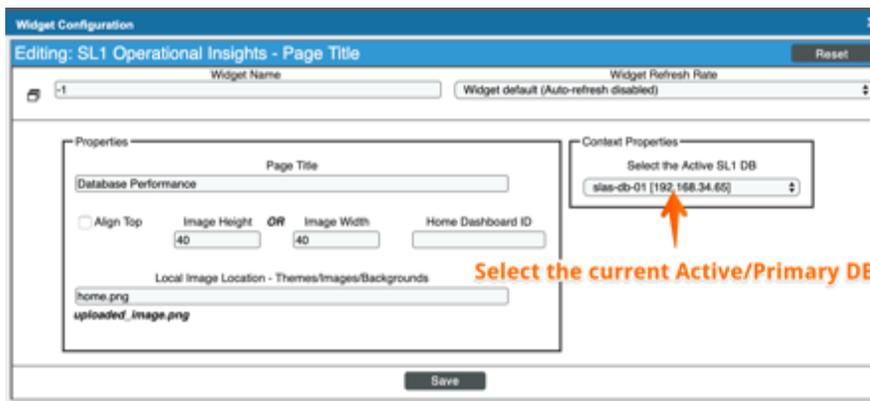
There are Dashboards that needs minor configurations. The following steps will provide the details to configure the dashboard.

### Active DB Context configuration

1. Navigate to the Operational Insights Landing page and open Event Summary Dashboard
2. Edit the Top widget with the Dashboard Name and click configure:



3. Select the current Active/Primary DB from the dropdown

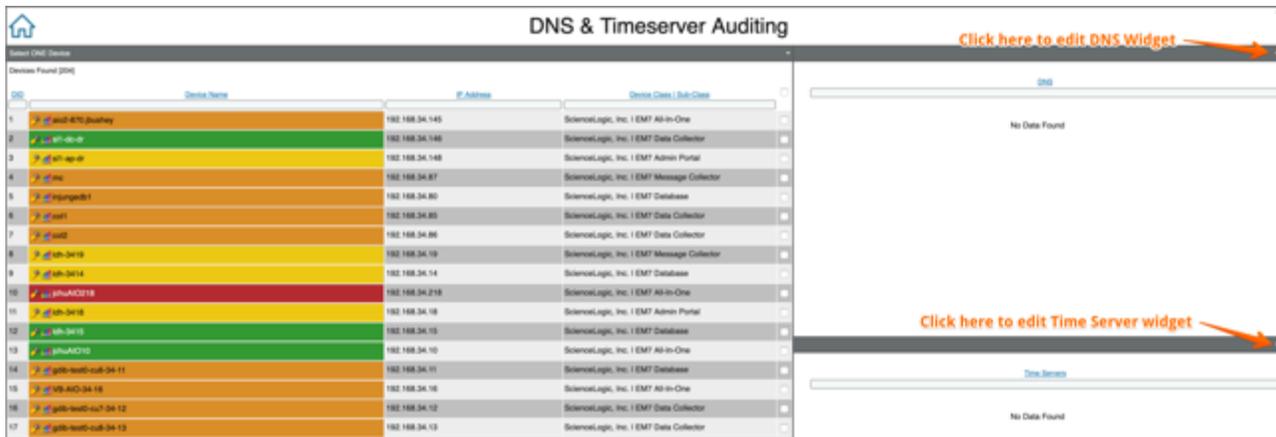


4. Click save to save your changes and exit.
5. Repeat Steps 1-4 for the following Dashboards:

- a. Backup Status History
- b. Data Retention Auditing
- c. DNS Time Server Auditing

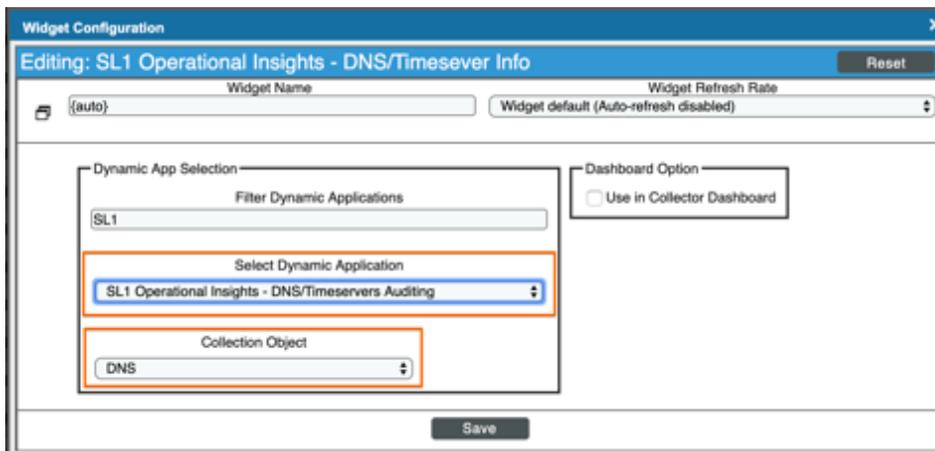
## DNS/Time Server Auditing Dashboard Configuration

1. Navigate to the Operational Insights Landing page
2. Once the Landing Page dashboard has been configured, open the DNS Time Server Auditing Dashboard.
3. Edit the DNS Widget



ID	Device Name	IP Address	Device Class / Sub-Class
1	sl1-875-bushey	192.168.34.145	ScienceLogic, Inc   EM7 All-in-One
2	sl1-45-8	192.168.34.146	ScienceLogic, Inc   EM7 Data Collector
3	sl1-45-8	192.168.34.148	ScienceLogic, Inc   EM7 Admin Portal
4	sl1-45-8	192.168.34.87	ScienceLogic, Inc   EM7 Message Collector
5	sl1-45-8	192.168.34.80	ScienceLogic, Inc   EM7 Database
6	sl1-45-8	192.168.34.85	ScienceLogic, Inc   EM7 Data Collector
7	sl1-45-8	192.168.34.86	ScienceLogic, Inc   EM7 Data Collector
8	sl1-45-8	192.168.34.19	ScienceLogic, Inc   EM7 Message Collector
9	sl1-45-8	192.168.34.14	ScienceLogic, Inc   EM7 Database
10	sl1-45-8	192.168.34.218	ScienceLogic, Inc   EM7 All-in-One
11	sl1-45-8	192.168.34.18	ScienceLogic, Inc   EM7 Admin Portal
12	sl1-45-8	192.168.34.15	ScienceLogic, Inc   EM7 Database
13	sl1-45-8	192.168.34.10	ScienceLogic, Inc   EM7 All-in-One
14	sl1-45-8	192.168.34.11	ScienceLogic, Inc   EM7 Database
15	sl1-45-8	192.168.34.16	ScienceLogic, Inc   EM7 All-in-One
16	sl1-45-8	192.168.34.12	ScienceLogic, Inc   EM7 Data Collector
17	sl1-45-8	192.168.34.13	ScienceLogic, Inc   EM7 Data Collector

4. Select the "SL1 Operational Insights - DNS/Time Servers Auditing" Dynamic Application from the drop down
5. Select "DNS" from the Collection Object dropdown.
6. Image shows the items to be selected for steps 4 and 5 highlighted in Orange.



7. Click Save to save your changes and exit.
8. Edit the Time Server Widget

**DNS & Timeserver Auditing**

[Click here to edit DNS Widget](#) →

ID	Device Name	IP Address	Device Class   Sub-Class
1	sl1-87c-8u4hey	192.168.34.145	ScienceLogic, Inc   EM7 All-in-One
2	sl1-87c-87	192.168.34.146	ScienceLogic, Inc   EM7 Data Collector
3	sl1-87c-87	192.168.34.148	ScienceLogic, Inc   EM7 Admin Portal
4	sl1-87c	192.168.34.87	ScienceLogic, Inc   EM7 Message Collector
5	sl1-87c-87-01	192.168.34.80	ScienceLogic, Inc   EM7 Database
6	sl1-87c	192.168.34.85	ScienceLogic, Inc   EM7 Data Collector
7	sl1-87c	192.168.34.86	ScienceLogic, Inc   EM7 Data Collector
8	sl1-87c-87-19	192.168.34.19	ScienceLogic, Inc   EM7 Message Collector
9	sl1-87c-87-14	192.168.34.14	ScienceLogic, Inc   EM7 Database
10	sl1-87c-87-19	192.168.34.19	ScienceLogic, Inc   EM7 All-in-One
11	sl1-87c-87-19	192.168.34.19	ScienceLogic, Inc   EM7 Admin Portal
12	sl1-87c-19	192.168.34.15	ScienceLogic, Inc   EM7 Database
13	sl1-87c-19	192.168.34.10	ScienceLogic, Inc   EM7 All-in-One
14	sl1-87c-87-01-04-11	192.168.34.11	ScienceLogic, Inc   EM7 Database
15	sl1-87c-87-04-19	192.168.34.19	ScienceLogic, Inc   EM7 All-in-One
16	sl1-87c-87-07-04-12	192.168.34.12	ScienceLogic, Inc   EM7 Data Collector
17	sl1-87c-87-04-13	192.168.34.13	ScienceLogic, Inc   EM7 Data Collector

[Click here to edit Time Server widget](#) →

Time Servers

No Data Found

9. Select the "SL1 Operational Insights - DNS/Time Servers Auditing" Dynamic Application from the drop down
10. Select "Time Servers" from the Collection Object dropdown.
11. Image shows the items to be selected for steps 9 and 10 highlighted in Orange.

**Widget Configuration**

**Editing: SL1 Operational Insights - DNS/Timeserver Info** Reset

Widget Name: (auto)      Widget Refresh Rate: Widget default (Auto-refresh disabled)

**Dynamic App Selection**

Filter Dynamic Applications: SL1

Select Dynamic Application: SL1 Operational Insights - DNS/Timeservers Auditing

Collection Object: Time Servers

**Dashboard Option**

Use in Collector Dashboard

**Save**

12. Click Save to save your changes and exit.