SAI 2.0.3.7

Release Notes

November 22, 2016

SAI-RN100

For a comprehensive list of changes in this document, see the Revision History.

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1. Overview

This document provides a general description of the SAI release. It also describes the supported platforms, API support, resolved issues, and any relevant open issues.

The SAI 2.0.3.7 release supports the following APIs:

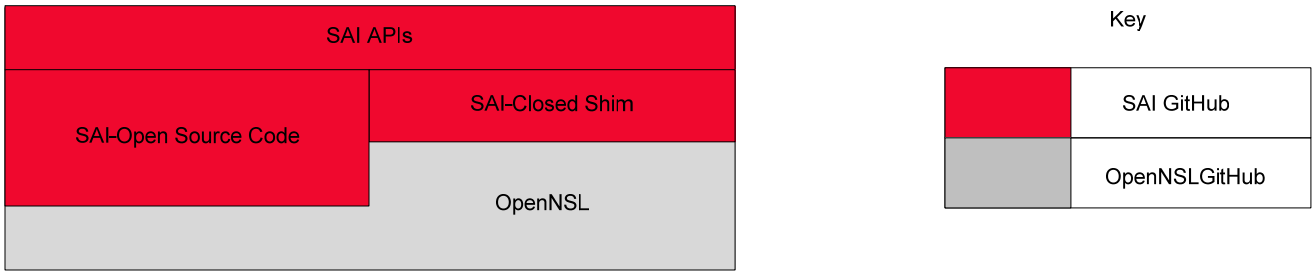
- sai_create_acl_table
- sai_delete_acl_table
- sai_get_acl_table_attribute
- sai_create_acl_entry
- sai_delete_acl_entry
- sai_set_acl_entry_attribute
- sai_create_acl_counter
- sai_delete_acl_counter
- sai_get_acl_counter_attribute
- sai_create_acl_range
- sai_create_fdb_entry
- sai_remove_fdb_entry
- sai_get_fdb_entry_attribute
- sai_fdb_event_notification
- sai_create_hostif_trap_group
- sai_remove_hostif_trap_group
- sai_set_hostif_trap_group_attribute
- sai_set_hostif_trap_attribute
- sai_create_hostif
- sai_remove_hostif
- sai_set_hostif_attribute
- sai_create_lag
- sai_remove_lag
- sai_get_lag_attribute
- sai_create_lag_member
- sai_remove_lag_member
- set_lag_member_attribute
- sai_create_mirror_session
- sai_create_neighbor_entry
- sai_remove_neighbor_entry
- sai_set_neighbor_attribute
- sai_create_next_hop
- sai_remove_next_hop
- sai_set_next_hop_attribute
- sai_create_next_hop_group
- sai_remove_next_hop_group
- sai_create_policer
- sai_remove_policer

- sai_get_policer_attribute
- sai_set_port_attribute
- sai_get_port_attribute
- sai_get_port_stats
- sai_port_event_notification
- sai_create_route
- sai_remove_route
- sai_set_route_attribute
- sai_create_virtual_router
- sai_remove_virtual_router
- sai_create_router_interface
- sai_remove_router_interface
- sai_initialize_switch
- sai_shutdown_switch
- sai_connect_switch
- sai_disconnect_switch
- sai_set_switch_attribute
- sai_get_switch_attribute
- sai_create_vlan
- sai_remove_vlan
- sai_get_vlan_attribute
- sai_create_vlan_member
- sai_remove_vlan_member
- sai_get_vlan_member_attribute
- sai_create_qos_map
- sai_set_qos_queue_attribute
- sai_get_qos_queue_attribute
- sai_create_scheduler_profile
- sai_remove_scheduler_profile
- sai_set_scheduler_attribute
- sai_get_scheduler_attribute
- sai_set_scheduler_group_attribute
- sai_get_scheduler_group_attribute
- sai_create_wred
- sai_remove_wred
- sai_get_wred_attribute
- sai_create_buffer_pool
- sai_set_ingress_priority_group_attr
- sai_create_buffer_profile
- sai_create_tunnel
- sai_create_tunnel_term_table_entry
- sai_create_udf
- sai_remove_udf
- sai_create_udf_match

- sai_create_udf_group

The SAI APIs listed in this document are formed from SAI-Closed and SAI-Open, as Figure 1 shows. The SAI lib released in this version contains the SAI-Open APIs. The SAI-Closed APIs are provided by the OpenNSL 3.2.1.5 release.

Figure 1 SAI API Source



1.1 Dependencies

This package depends on OpenNSL 3.2.1.5.

2. Deliverables

This section contains information about the deliverables.

1.2 Date of Delivery

SAI version 2.0.3.7 was released on November 22, 2016.

1.3 Distribution Method

SAI is distributed through the Broadcom GitHub forums.

1.4 Items Included in This Release

The following items are included in this release:

- SAI library for supported platforms
- Corresponding SAI header files from SAI version 0.9.4

3. Platform Support

This release contains support for the platforms listed in the following table:

Platform	Broadcom Switching Silicon
Dell S6000	Trident-II (BCM56850_A1)
BRCM TD2 SVK	Trident-II (BCM56850_A1)
BRCM TH SVK	Tomahawk (BCM56960_A0)

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4. Testing

Unit level testing was performed on core features.

5. Issues Resolved

None

6. Known Issues

None

7. Previous Releases

The following table lists the previous release.

Date	*Release Number*	*Feature Set*	*Codebase*
March 1, 2016	1.0.0.0	SAI 0.9.3 (partial support)	–

Appendix A: Revision History

Version 0.1, November 2016

Initial document version.

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