



Broadcom Corporation
1030 Swabia Court
Suite 400
Durham, NC 27703

SAI 1.0.0.0 Release Notes

Version 0.1

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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.

SAI 1.0.0.0 release supports the following APIs:

```
sai_shutdown_switch
sai_set_switch_attribute
sai_create_fdb_entry
sai_remove_fdb_entry
sai_get_fdb_entry_attribute
sai_get_port_stats
sai_create_vlan
sai_remove_vlan
sai_remove_ports_from_vlan
sai_remove_all_vlans
sai_create_neighbor_entry
sai_remove_neighbor_entry
sai_create_virtual_router
sai_remove_virtual_router
sai_remove_router_interface
sai_create_next_hop
sai_remove_next_hop
sai_create_next_hop_group
sai_remove_next_hop_group
sai_create_route
sai_remove_route
sai_set_route_attribute
sai_remove_wred
sai_create_scheduler_profile
sai_remove_scheduler_profile
sai_get_scheduler_attribute
sai_remove_host_interface
sai_create_buffer_profile
sai_initialize_switch
sai_get_switch_attribute
sai_create_acl_table
sai_delete_acl_table
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_set_port_attribute
sai_get_port_attribute
sai_add_ports_to_vlan
sai_create_router_interface
sai_set_queue_attribute
sai_get_queue_stats
sai_create_wred
sai_create_policer
sai_remove_policer
sai_set_scheduler_attribute
sai_create_host_interface
sai_set_trap_attribute
sai_create_buffer_pool
sai_set_ingress_priority_group_attr
```

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The above SAI APIs are formed from SAI-Closed and SAI-Open as show in the diagram below. The source code for the SAI-Open APIs is contained in this project. The SAI-Closed APIs are provided by the OpenNSL 3.0.0.3 release.



1.1 Dependencies

This package depends upon OpenNSL 3.0.0.3.

2 Deliverables

2.1 Date of Delivery

SAI version 1.0.0.0 is released on 1st March 2016.

2.2 Distribution Method

SAI is distributed via Broadcom's GitHub forums.

2.3 Items included in this release

Following are the items included in this release:

- SAI library for supported platforms
- SAI header files
- SAI Source code
- SAI README for build instructions

3 Platform Support

This release contains support for the following platforms:

Platform	Broadcom Switching Silicon
Dell S6000	Trident-II (BCM56850_A1)

4 Testing

Unit level testing was performed on core features.

5 Issues resolved

ID	Description
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6 Known Issues

ID	Description

7 Previous Releases

Date	Release Number	Feature Set	Codebase
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