SAI 1.0.0.1 Release Notes

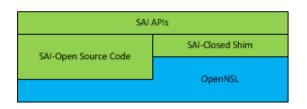Version 0.2

1-Mar-2016

Contents

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 1.0.0.1 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
```

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 3.0.0.4 release, or any later OpenNSL 3.0.0.x release.

1.1 **Dependencies**

This package depends upon OpenNSL 3.0.0.4 or any later OpenNSL 3.0.0.x release.

2 Deliverables

2.1 **Date of Delivery**

SAI version 1.0.0.1 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

6 Known Issues

ID	Description

7 Previous Releases

Date	Release Number	Feature Set	Codebase