



# Core Switch Abstraction

This specification defines a Switch Abstraction Interface (SAI) for forwarding elements, such as a switching ASIC, an NPU or a software switch. The SAI API is designed to provide a vendor ...

The Switch Abstraction Interface defines the API to provide a vendor-independent way of controlling forwarding elements, such as a switching ASIC, an NPU or a software switch in a uniform manner.

SAI is designed to build a standardized abstract API interface that is independent of switch ASICs, making software development easier and more flexible for switch OS, such as SONiC.

This is a set of "core" interfaces which are required to build a basic routing appliance. All vendors must support these interfaces and the switching stack will fail loading of the adapter if any of these ...

The SAI git repository is hosted on GitHub: <https://github.com/opencomputeproject/SAI>. This subproject meets every Thursday from 8:00am - 9:00am Pacific Time. These meetings are recorded via audio ...

The decision to integrate SAI into the DENT NOS was driven by the need to widen standardized interfaces for programming network switch ASICs, enabling hardware vendors to ...

This document provides a technical overview of the Switch Abstraction Interface (SAI) and hardware abstraction layer in SONiC. It explains how SAI enables SONiC to operate with diverse ...

User-friendly development environment, including everything needed to build and debug the SDK, switch abstraction interface (SAI), and NVIDIA What Just Happened (WJH)

SAI (Switch Abstraction Interface) is a standardized C API specification for programming network switch ASICs. It provides vendor-independent abstractions between network operating ...



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Web: <https://www.prospettivacasa.eu>

