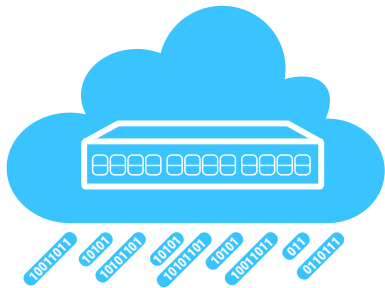




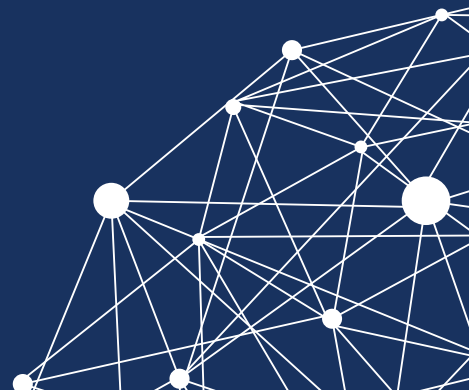
STORDIS

The Open Networking Expert



MONSOON

Open-Source Network Monitoring
Exporter for SONiC



Monsoon, the Trusted Open-Source Network Monitoring Exporter for SONiC

IT organizations around the globe strive to deliver superior business value by helping their organizations increase productivity, deliver services faster and remain flexible by incorporating the latest technology innovations. This creates multifold challenges in network management. Network admins need to be more proactive and agile in monitoring network performance. However, this is easier said than done.

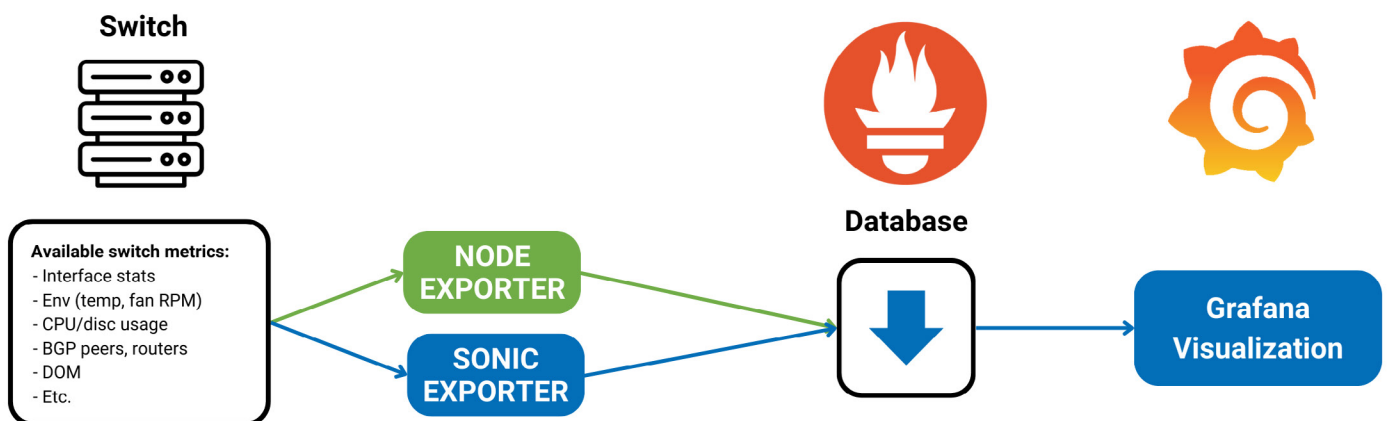
Introducing **Monsoon**, an easy-to-use, and affordable network monitoring exporter. It monitors network devices such as routers and switches that are using the **SONiC Network Operating System, which is a free to download piece of OS software.**

Monsoon continuously monitors the network and provides an in-depth visibility and control over it. In case of a fault, you can easily drill down to the root cause and eliminate it before operations are affected.

STORDIS is fully committed to provide the best level of support to our customers.

Therefore, an Enterprise Support Service was designed for Open Source Monsoon, providing all customers with direct access to our support and engineering team to service your platform. Open2Support Smart Services comprises a 24x7 access to our Support Management Platform and 8x5 Support Team availability.

High Level Overview



Track various parameters via the following switch and router monitors:

Port / Interface Monitoring

- Interface traffic levels (bytes & packets per second)
- Interface queues
- Interface errors
- Optical power levels, voltage, and temperature of transceivers
- Transceiver type and cable length

System Level Monitoring

- Ethernet VPN info
- Static anycast gateway info
- System uptime
- CPU utilization
- Memory & storage utilization

Dynamic Routing Monitoring

- List of BGP peers and BGP routes (per peer)

Environmental Monitoring

- PSU power usage
- Fan speed (RPM) and their status
- Temperature of various switch components

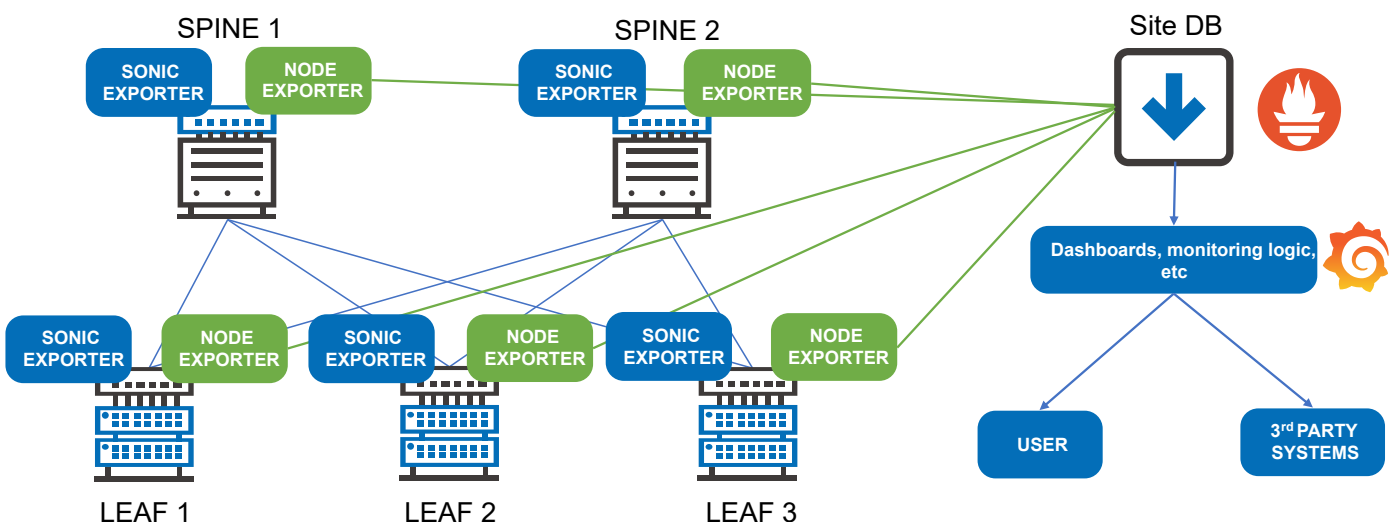
Asset Management

- Device information (model/part number, serial number, NOS version, system MAC address)

Benefits of proactive network performance monitoring:

- Helps network administrators get an end-user perspective of network and application performance, which helps them detect and resolve issues easily
- Allows admins to test how a network performs under a certain load so you can better understand your network's bandwidth and see whether you need to better allocate resources
- Aids admins in identifying sudden spikes in traffic levels to reduce device downtime
- Lets you monitor your IP assets and equipment upgrades and ensures smooth performance
- Use Open-Source Prometheus to collect and store switch monitoring details
- Leverage Open-Source Grafana to build your dedicated dashboard containing information you want to keep track of

Example Topology



About SONiC

Software for Open Networking in the Cloud (SONiC) is an open-source network operating system based on Linux that runs on merchant silicon-based platforms. The open-source SONiC project is available at GitHub (<https://github.com/Azure/SONiC/wiki>), where it can be downloaded free of charge.

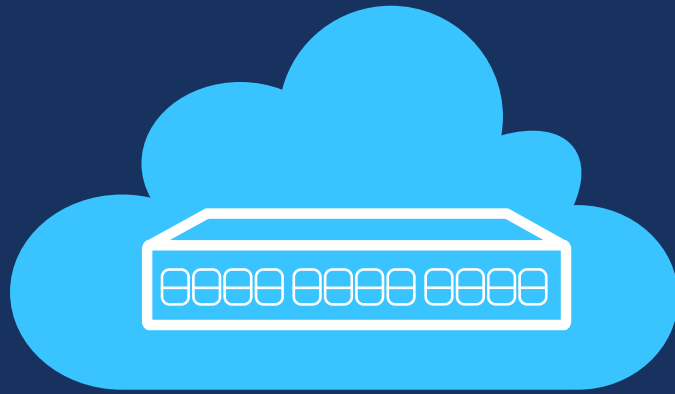
SONiC is in production today at multiple web-scale companies for Data Center fabric deployments and has a thriving developer community and vendor ecosystem. The underlying architecture of SONiC is described at GitHub (<https://github.com/Azure/SONiC/wiki/Architecture>).

About STORDIS

STORDIS is “The Open Networking Expert”. We are the trusted Team of Experts committed to provide Solutions based on **Innovative Open Networking Products** and ensure that the very best tailored **Service** is delivered providing **True Value** to our Customers. With offices in Germany, the United Kingdom and Poland, we support Customers in the EMEA region providing **Professional** Consultancy, Solution Design, Integration, Training and Support Services dedicated to effectively deploying and extending the customer’s networking requirements. We maintain two of the most **Advanced Technical Laboratories** to demonstrate **Hardware and Software Solution Quality** and **Drive Research & Development** complementing currently existing solutions.

Ordering Information

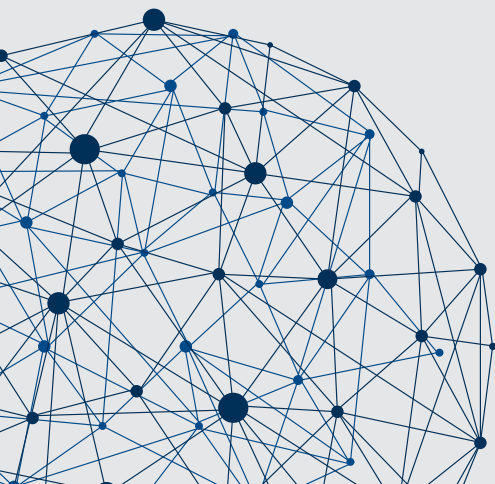
Part Number	Description
SMA-MONSOON-1	Monsoon Monitoring, Open2Support Smart Support Subscription, 1 Year, per Device
SMA-MONSOON-3	Monsoon Monitoring, Open2Support Smart Support Subscription, 3 Years, per Device
SMA-MONSOON-5	Monsoon Monitoring, Open2Support Smart Support Subscription, 5 Years, per Device



MONSOON



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