



PRESS RELEASE

AKIPS develops the most scalable and featured network monitoring software, delivered at a commodity price.

Brisbane, Australia – August 2014 – AKIPS Feature Highlight – Adaptive Polling

The concept is simple – don't waste your time polling metrics which you know will always return zeros or unchanged values.

The AKIPS Network Monitor poller constantly adapts its polling interval for every SNMP metric by analysing every returned value on-the-fly and aggressively increasing its polling interval from a default of 60 seconds to a maximum of 180 seconds when it detects a metric which is idle. When the poller detects a value has actively started changing again, the poller immediately places that metric back into a 60 second polling interval.

Example 1 - 99% of network interfaces always return zero errors and discards. It's usually only a fraction of the network which is experiencing errors and congestion. Adaptive polling significantly reduces the amount of data retrieved by dynamically increasing the polling interval for those 99% which are not experiencing a problem. On a one million interface network, that's close to 8 million fewer polled metrics every 3 minutes, resulting in a significant reduction in network monitoring traffic.

Example 2 – 99% of CPU and chassis temperature values fluctuate slowly, typically over many minutes, hours or days. If a temperature sensor is constant, the AKIPS poller dynamically adapts its polling interval.

Another unique feature of AKIPS Network Monitor is interface state monitoring. The vast majority of edge switch ports are either unused or used only during business hours. AKIPS constantly monitors the operational state of every network interface and only polls those interfaces which are up. When an interface transitions from down to up, the poller resumes the collector for all metrics for that interface.

These two unique features, adaptive polling and interface state monitoring, saves an enormous amount of unnecessary network traffic and load on the end network switches.

AKIPS Network Monitor is the only product to feature these innovative capabilities due to its unique and highly efficient monolithic architecture that tightly integrates all poller and database functions into a single process. This tight integration allows real-time feedback from the database to the poller.

AKIPS is the unchallenged leader with this technology as it does not rely on legacy and inefficient open source, threaded or distributed polling architectures.

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AKIPS: "Always Keep It Purely Simple".

For the non-technical audience:

AKIPS Network Monitor utilises adaptive polling and interface state monitoring to efficiently collect and monitor the network to deliver accurate reporting across your network.