



HealthTracker

PROFESSIONAL MONITORING
PLUGIN FOR YOUR STORAGE
ENVIRONMENT

Central storage supplies business-critical applications with data around the clock. In order to maintain a consistent production quality, regular expansions are required. NetApp regularly updates its solutions as technological developments take place, like new ONTAP versions. In some periods, this may result in a large number of changes, which then raises the question for IT administrators as to whether the monitoring of the complex storage system is still working perfectly. All components must be fine-tuned in order to communicate with one another.

There are many monitoring systems available, but which one is tailored to your actual needs?

How is the cache behaving? How close are the CPUs to full capacity? These questions and many more are answered by a monitoring system. It provides an overall view of the storage functions. Errors, deviations or overloads that occur are detected and alarm messages allow IT to react in time. Likewise, long-term measurements can be recorded so that trends and future expansion requirements can be better assessed. However, every storage system is configured individually. It is therefore not easy to find the appropriate monitoring tool which provides the exact relevant data for the performance of your environment.

The solution: HealthTracker monitors storage with an individual degree of detail

To monitor the entire storage system, HealthTracker offers professional plugins that are tailored to NetApp, DELL-EMC, Veritas and Brocade. The solution is suitable for any size of company or storage and can be adapted individually to the respective IT requirements. The degree of detail can be selected from 5 versions; in addition there is a version for MetroCluster.

HealthTracker is a plugin based on Nagios open-source software and can be used on various platforms, such as Icinga, check-MK, op5 or watchbox. These monitoring solutions are already used by many companies. HealthTracker plugins are professionally developed, tested and continuously expanded, based on years of experience with NetApp systems. HealthTracker plugins are also available for other storage vendors, such as DELL/EMC, Veritas and Brocade, which permit professional integration of heterogeneous environments into the existing monitoring platform. The benefit: integration of all storage components ensures better control, simplifies the work of IT administrators and increases the availability of business-critical applications.

Highlights

For business-critical applications the central storage must be available around the clock.

Regular expansions and updates of storage systems are carried out by IT or the storage vendor. It remains unclear whether all the different components will continue to interact smoothly.

The HealthTracker monitoring system monitors the storage landscape and raises an alarm if any discrepancies are found.

The plugins have been developed professionally and are continuously adapted to the interfaces of the respective storage vendor; they are based on Nagios open software and its derivatives.

Cache, hardware, network, performance and a variety of status information is all monitored which can be configured individually at 3 levels of detail.

Give HealthTracker a try with a 30-day free trial.

The HealthTracker plugins monitor different areas and functions:

- **Caches**, including buffer cache, FlashCache and FlexCache
- **Hardware** checks for faulty drives, fans and power packs, and controls temperature
- **Network** produces a statistic per interface of read/sent bytes, errors per second, collisions
- **Performance** determines operations per second, transfer rates, use of processors and disks, performance per volume
- **Snapshot** provides the available capacity and transfer errors of SnapMirrors and SnapVaults, as well as utilization of SnapReserve
- **Storage** monitors available capacities at aggregate, volume and quota levels
- **Status** provides information on the status of the overall system, cluster, iSCSI adapter and RAID
- **Management** provides an overview of the storage performance to decision-makers

The degree of detail of the plugins can be selected individually and adapted to the particular needs; for this purpose there are 5 graded variants: Basic – Advanced – Performance – Metro Cluster – Complete. They even define the monitoring bandwidth: from the basic functions of a storage system to the performance of individual components at a maximum degree of professional detail. We would be happy to send precise information about each variant on request.

Free evaluation

We offer you a 30 day trial period so that you can test how HealthTracker works and to experience its benefits. The trial scope includes full functionality, right up to the maximum degree of detail. To get to know the monitoring system fully, experts will be available to assist you during the trial period. All these services are provided free of charge.

Architecture: HealthTracker is based on Nagios, a free monitoring software, and also supports associated platforms such as Icinga, check-MK, op5 and watchbox. Since the APIs of the respective storage manufacturer are used as interfaces it is ensured that the plugins work smoothly, even on complex storage installations.

Advantages

- The entire storage environment is professionally monitored, ensuring consistent performance and good availability
- Monitoring can be adjusted individually for any size of business
- Three-stage degree of detail can be freely selected
- Long-term measurements mean trends can be detected
- Price offers good value for money, based on the largest model; all other systems are included without limitation
- Subscription system guarantees functionality, even in the event of changes, at a fixed cost
- 30 days' free evaluation with full functionality

Price model

The licence price depends on the storage vendor's model series. The only aspect determining the price in each case is the largest model, corresponding to the highest tier level. All other storage systems – in other words, other models from the same group and smaller systems – are automatically included without limitation.

The licence is a subscription service with monthly payments. The subscription service provides you with security in several areas:

- We automatically cover any changes to the system or interfaces of NetApp ONTAP, or of operating systems of other manufacturers
- Maintenance, bug fixes and functional expansions of your chosen variant are included
- In the HealthTracker, you have a fixed price for monitoring all your storage. If IT kept having to adapt the plugins to changes introduced by the storage provider, then the cost of this could not be foreseen, particularly for major system modifications.

You can calculate the costs on our website, based on your own storage environment.

About ProLion

Innovation is the basis on which we create our products for you. We believe that a company can only have long-term success through innovation. For our customers, we enjoy regularly going the extra mile. This means that we are there for you and readily available, whenever you need us. A team consisting of experts with long-term experience in storage technologies makes up the pool of knowledge at ProLion. This team develops innovative software and hardware solutions for storage systems.



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