



DataAnalyzer

NETAPP儲存系統的高性能資料分析

用戶部門傾向於收集越來越多的資料，這導致對儲存設備需求的指數增長。

因此負責儲存設備的人員必須面對許多問題與挑戰：儲存設備需求將如何發展？您如何才能以低成本確保足夠的可用儲存設備空間？您如何提供用戶部門儲存設備需求的透明證據並分配其消耗？資料是否已被勒索軟體加密？您實際使用了哪些檔案？哪些不使用？

多年來，每個儲存設備系統中積累了數月甚至數年未存取的大量資料。根據客戶安裝經驗顯示這些未使用的資料通常會佔用整個儲存設備空間的80%。

繼續購買新的儲存設備空間是沒有意義的，因為相應的成本應該應用在其他地方。

如今，一個流行的論點是儲存設備很便宜，因此購買新硬碟也很便宜。但這只是事實的一半。

新的儲存設備會導致各種後果與成本，而這些後果與成本常常被低估。

- 更多的儲存設備空間意味著每日備份需要更多的時間，並且需要更多的磁帶。
- 更多的儲存設備意味著資料中心需要更多的能源與空間，這將導致額外的成本。
- 每3年增加一次儲存設備會導致遷移成本增加。
- 發生災難時，更多的儲存設備空間意味著還原與還原過程需要更多的時間。

答案：DataAnalyzer分析檔案並清理未使用的儲存設備

DataAnalyzer 通過評估與可視化資料來解決未使用的檔案的問題源頭。這減少了儲存設備的需求、從而減少了管理成本。對 NetApp儲存設備系統的詳細的洞察考慮的必需指標：利用率水平高低（按單一檔案類型的數量、大小與使用期限細分）？此分析還可以辨別未更改的檔案與根本未存取的檔案。

特點

對儲存設備的需求呈指數增長，但是仍然有大量沒有使用的資料，並且幾個月或幾年都沒有存取過這些資料。

DataAnalyzer從所有NetApp儲存設備系統收集資料，並在Excel中可視化結果。

借助DataAnalyzer，可以偵測到寶貴的儲存設備空間。

IT

DataAnalyzer

NetApp

MSSQL Oracle MySQL

Excel
Tableau Viewer

PowerPoint

Excel

- archive Office

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- LUN VMDK VMware IT

User report for internal cost allocation:

In connection with Active Directory, the used storage space can be mapped in detail for each department or customer and charged based on the actual utilisation.

Trend analyses: Information from the past is used to create trends for the future, management reports, planning and budgeting.

Alarm function

At regular intervals (which you can define according to your specific requirements), the proactive Alarm Engine searches for malware that encrypts files by changing their extension. A warning notification via email is triggered automatically.

Search function: The Enterprise Search allows you to find incorrectly stored files within the entire NetApp storage system, for example, by name or storage date.

Additional reports according to your specific criteria can be created with minimum effort.

Benefits

- Deep insight into the data structure of the NetApp storage system
- Reduced storage space saves costs and reduces backup and restore times
- Data cleanup to allow you to leverage your data investments more efficiently
- Transparent allocation of the monthly, actually used storage capacities by department or customer
- Analyses for departments, management, security and compliance

Pricing and technical specifications

DataAnalyzer follows a tiered pricing model, depending on the number and size of the storage controllers. You can calculate your price on our website under <http://www.prolion.at/en/dataanalyzer.html>. DataAnalyzer is an in-house development by ProLion and we provide 24/7 support. Technical requirements:

ONTAP 7-Mode and cDOT

Database: MSSQL > 2008 R2, Oracle >11, MySQL >5

Host OS: Windows Server as of 2008 R2 preferred

Supports VMware and Hyper-V

Client: Excel on Windows as of Version 2013 Windows

High performance

DataAnalyzer enables you to analyse 10 millions of files per hour per volume. You can multiply this performance by analysing multiple volumes in parallel.

About ProLion

Innovation is the basis upon which we develop our products for you. We are convinced that companies can only achieve long-term success with innovation. We gladly and often go the extra mile for our customers. That means we are here for you, fully available, whenever you need us. A team of experienced experts in storage technologies contribute to ProLion's pool of knowledge which has helped in the development of innovative hardware and software solutions.

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