

VIFX Data Analysis and Classification

Active vs Static Data

Active data is data that is currently being created or used; static data is never changed and rarely accessed. Multiple studies have shown that up to 70% of all data stored on production storage systems is static. The ability to move as much as 70% of data off primary storage can slash management overhead cost and complexity.

Did you know?

By identifying and adjusting the lists of files to be backed up and the retention periods for data, companies can potentially reduce backup volume by more than 50%.



Service Description

Discovery is a two-phase process. First, by conducting interviews with all of the relevant stakeholders in your company, The analysis covers: Manageability of the data distributed across your enterprise, Backup window challenges, Compliance and privacy demands, Risk management, and by crawling the file systems on your NAS devices and file servers distributed across your network, we build a metadata repository that contains abstracts for each file.

VIFX runs reports against this repository and analyze the results, and provides you with a complete inventory of network data. You get a breakdown of files by file type or detail file use by users or departments. We can identify duplicate files and even uncover policy violations, because each file abstract includes a unique fingerprint based on file content, so users can't hide unauthorized files by disguising their file types. And based on your specific technical and business issues, we present you with a set of customized recommendations for improving storage efficiency, reducing storage cost, and managing risk.

Outcomes and Benefits

- Gain granular insight into unstructured data across heterogeneous storage assets
- Obtain cost savings without purchasing additional hardware
- Demonstrate reduction of network bandwidth and backup windows through Data reorganization
- Industry proven tools for data classification, data organization scenario planning and storage optimization

Highlights

- Non Invasive
- Reduce backup windows by as much as 70%
- Reduce cost and improve performance immediately by shifting archive-able data from production storage to low-cost storage
- Reduce backup tape requirements
- No hardware purchase

Roles and Responsibilities

- VIFX Storage Practice Consultant (Netapp, EMC and HP Certified): Leads assessment efforts; provides VIFX developed best practices and knowledge of ongoing storage and infrastructure issues
- Client IT management: Plans and coordinates all assessment related IT activities
- Systems Admin: Responsible for server hardware, storage and networking
- Systems Admin: Responsible for operating system and applications

Service Deliverables

- 30 day storage performance and data analysis
- Analysis of up to 1 petabyte of storage across multiple storage protocols; SAN, NAS, DAS
- Data Classification and storage assessment report including a preliminary TCO analysis of the sampled environment along with recommendations

VIFX Professional Services

VIFX professional services combine exceptional strategic guidance together with unparalleled technology expertise to provide organizations the necessary ability to address business information and technological challenges and derive the greatest level of value from existing and/or newly purchased information assets and investments. Our entire organization is fully committed and dedicated to exceeding customer expectations, one project at a time, on every single engagement.