Solution for Streamlining File Server Data and Enhancing Security

NIAS (NEC Information Assessment System)

Is data bloat and access management causing you a headache?

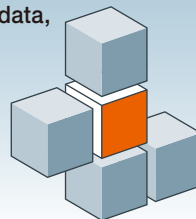## Comprehensive solution for file server management

Reporting and analysis

NIAS reports file server capacity usage in easy-to-understand graphs.

Capacity reduction

NIAS helps enterprises organize and delete unused data, thereby reducing data capacity by 20 to 30% per year.
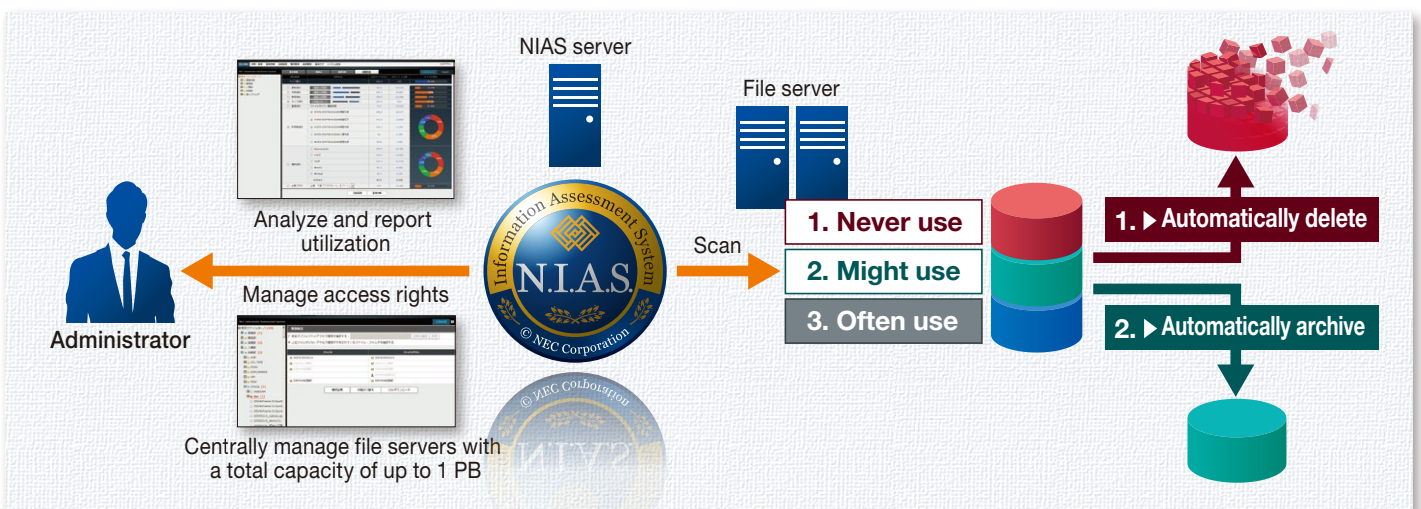
Access control

NIAS helps enterprises detect and adjust inappropriate access permissions, thereby reducing information security risks.

System overview

NIAS server

File server

Analyze and report utilization

Manage access rights

Administrator

Scan

1. Never use
2. Might use
3. Often use

1. ▶ Automatically delete

2. ▶ Automatically archive

Centrally manage file servers with a total capacity of up to 1 PB

N.I.A.S. Information Assessment System © NEC Corporation

NIAS (NEC Information Assessment System)

Effortlessly analyze and organize file server data

Server capacity usage understood at a glance
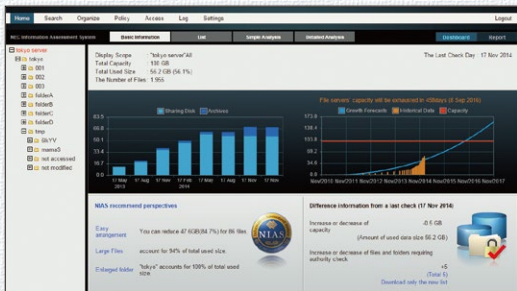
- Predicts when file server capacity will run out.
- Provides features to verify the effects of capacity reductions and track capacity changes.
- Provides recommendations on how to most effectively organize files.
- Reports difference data (capacity or access rights) from the previous check.

High-speed analysis using proprietary memory database technology

- Quickly identifies causes of bloating.
- Conditions can be changed on the spot, enabling real-time analysis.
- Provides a rich lineup of analysis features including cross-tabulation and reduction effectiveness simulation.
- Quick and easy report output.

Efficiently organize and delete files based on analysis results

Request file users to organize data

- Administrators can check lists of unused files identified through NIAS visualization features.
- Administrators can notify users of the candidate files for organization.

Automatic organization

- Implements scheduled file organization based on a specified organization policy.
- Moves files that have not been accessed for a long time to secondary storage.

Visualize access rights settings for easy management and control

Greatly simplify the work to check and adjust access permissions

- Visualizes which folders can be accessed by which users and groups.
- Identifies inappropriate access rights, which are a major cause of information security incidents.
  - Identifies folders that cannot be accessed by the administrator.
  - Identifies files/folders to which "Everyone full control" is set.
  - Identifies wide-ranging access rights settings that may violate company security policies.
    (Any combination of Read, Write, Allow, Deny, and Inherited permissions can be specified when searching for violations.)
- Adjusts access permissions universally.
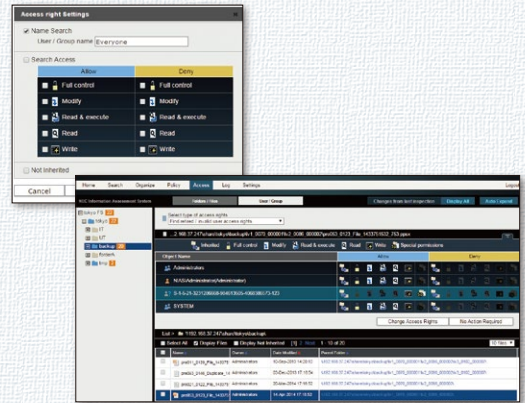
System requirements

OS	Windows Server 2008/2008R2/2012/2012R2 Windows Storage Server 2008/2008R2/2012/2012R2
CPU	At least dual core (quad core recommended)
Memory	4 GB or more
Disk space	Approx. 10 GB per TB of scan target capacity

Browser	Administrator: Internet Explorer 8/9/10/11 General user: Internet Explorer 7/8/9/10/11
Supported virtualization software	VMWare, Hyper-V
Supported file servers	NTFS, CIFS

As of June 2015   Cat.No. E99-15060004E