

NEC Scalable Technology File System/Server

Release Note

10/11/2021

NEC Corporation

This is the release note of NEC Scalable Technology File System/Server.

1 Overview

This is server product of distributed parallel file system ScaTeFS. The ScaTeFS distributes data and metadata to multiple servers uniformly, so that the throughput of the entire system increases, and parallel I/O processing can be used for large files.

Product name and Product code of ScaTeFS/Server are as follows:

Product name	Product code
NEC Scalable File System/Server	UWAD00 UWHAD00(support pack)

For information on hardware, Linux distributions, etc. supported by this product, refer to "ScaTeFS Administrator's Guide" on the following site:

NEC SX-Aurora TSUBASA Documentation
<https://www.hpc.nec/documentation>

2 Release files

The descriptions of ScaTeFS/Server packages are below.

The packages applied to RHEL 7.7 and CentOS 7.7 are the same.

The description of ScaTeFS/Server packages for RHEL/CentOS 7.7, RHEL 7.6 are as follows:

Package name	Description
scatefs-srv	ScaTeFS Server package
scatefs-mon	ScaTeFS Monitor package
scatefs-mon-XXX-YYY.src.rpm XXX: ScaTeFS Monitor version YYY: ScaTeFS Monitor release	ScaTeFS Monitor source package

3 Installing

For installing ScaTeFS/Server, refer to "ScaTeFS Administrator's Guide" on the following site:

NEC SX-Aurora TSUBASA Documentation
<https://www.hpc.nec/documentation>

4 Manual

For setting ScaTeFS/Server, refer to "ScaTeFS Administrator's Guide" on the following site:

NEC SX-Aurora TSUBASA Documentation
<https://www.hpc.nec/documentation>

5 License

The license of following package is Commercial.

- scatefs-srv

The license of following package is GPLv2.

- scatefs-mon

6 Change Log

The change log since Oct 2021 is described below.

Oct 2021 ScaTeFS/Server version 3.6

- Improved the following functions.
 - Improved performance when multiple random read IO of a small size of several K bytes were executed simultaneously.
 - Improved fsck function.