

Storage of scientific satellite data based on business continuity plan

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Subject Category: Space and Astronautical Science

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● Abstract

Backing up scientific data acquired by the Institute of Space and Astronautical Science to J-SPACE

● Reasons and benefits of using JAXA Supercomputer System

Because it is a high-capacity storage that can be used by JAXA despite being geographically distant

● Achievements of the Year

We have developed tools for implementing backups and efficient management in preparation for regular backup implementation starting from the next fiscal year, and this year we utilized J-SPACE's storage area for testing purposes.

● Publications

N/A

● Usage of JSS

● Computational Information

Process Parallelization Methods	N/A
Thread Parallelization Methods	N/A
Number of Processes	1
Elapsed Time per Case	1 Second(s)

● JSS3 Resources Used

Fraction of Usage in Total Resources*1(%): 0.01

Details

Computational Resources		
System Name	CPU Resources Used (core x hours)	Fraction of Usage*2(%)
TOKI-SORA	0.00	0.00
TOKI-ST	0.00	0.00
TOKI-GP	0.00	0.00
TOKI-XM	0.00	0.00
TOKI-LM	0.00	0.00
TOKI-TST	0.00	0.00
TOKI-TGP	0.00	0.00
TOKI-TLM	0.00	0.00

File System Resources		
File System Name	Storage Assigned (GiB)	Fraction of Usage*2 (%)
/home	22.50	0.02
/data and /data2	110,055.00	0.53
/ssd	743.00	0.04

Archiver Resources		
Archiver Name	Storage Used (TiB)	Fraction of Usage*2 (%)
J-SPACE	6.78	0.02

*1: Fraction of Usage in Total Resources: Weighted average of three resource types (Computing, File System, and Archiver).

*2: Fraction of Usage : Percentage of usage relative to each resource used in one year.

- **ISV Software Licenses Used**

ISV Software Licenses Resources		
	ISV Software Licenses Used (Hours)	Fraction of Usage ^{*2} (%)
ISV Software Licenses (Total)	0.00	0.00

^{*2}: Fraction of Usage : Percentage of usage relative to each resource used in one year.