

NAS User Services

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NAS User Services

History of NAS

NASA Advanced Supercomputing

Numerical Aerospace Simulations

Numerical Aerodynamics Simulations



NAS User Services

Who Are We

Division Structure

INR

INA

Project Office

INE

NAS User Services

INE -- Engineering

HEC

ASD

TAG

Networks

Desktop Support



NAS User Services

Previous Hardware Systems

Illiac IV, Cyber 205

Cray Xmp, Cray 2

Thinking Machines CM2/CM5

Intel iPSC860/Paragon

NAS User Services

Current Systems

Cray C90 -- 16 cpu

Cray SV1ex -- 32 cpus

SGI Origin 2000 -- 1600+ cpus

SGI Origin 3000 -- 2 ea 512 >> 1024

NAS User Services

Our Users

LaRC, GRC, DAO, MSC

GSFC, JSC, JPL

Industrial Partners

Universities

NAS User Services

Programs We Support

CoSMO

IT

HPCCP/CAS

DAO

CICT

NAS User Services

Help Desk

Sys Admin

SciCon

Networks

Accounting

Security

Services, Help Desk

7 days/week -- 24 hrs/day

800+ remedy tickets/month

171 programs to monitor 23 systems

16 tape Silos (80,000+ tapes)

Password Resetting

Dump/Restore



Services, Sys Adm

Irix 6.5.7 -- Irix. 6.5.12

12 systems

20 Terabytes Disk Storage

DMF -- 300 gigabytes

4 different PBS Schedulers

~10000 jobs/month

Services, Others

Networks

Accounting

Security

Services, SciCon

7:00 am to 5:30 pm on-site

General Assistance with problems

Porting/Tuning questions

Debugging assistance

Library Support

Web Documents

Services, SciCon, cont'd

Training

System testing

Quick Start Guides

more info

<http://www.nas.nasa.gov>

