

# Multi-wavelength Data Analysis System Operated by Astronomy Data Center, NAOJ

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Astronomy Data Center (ADC) in NAOJ provides a multi-wavelength data analysis system for researchers of astronomy and the related fields. Users who have ID can reduce their data by using various kinds of software installed in interactive data analysis servers and batch type data analysis servers. In Mitaka campus of NAOJ, there are several dozen of terminal computers in three open-use rooms. Users can login to the data analysis servers from them. Virtual Private Network (VPN) connection is also available, which enable users to login from remote site.

[http://www.adc.nao.ac.jp/J/kaiseki\\_top.htm](http://www.adc.nao.ac.jp/J/kaiseki_top.htm)

Question & Request:

[consult@ana.nao.ac.jp](mailto:consult@ana.nao.ac.jp)

## User Account Application

### ① User ID application

Those who can apply:

- (1) Staff of NAOJ
- (2) Researcher of astronomy and related field
- (3) The person who is allowed by the center chief

**Japanese** <http://www.adc.nao.ac.jp/IDtoroku/index.html>

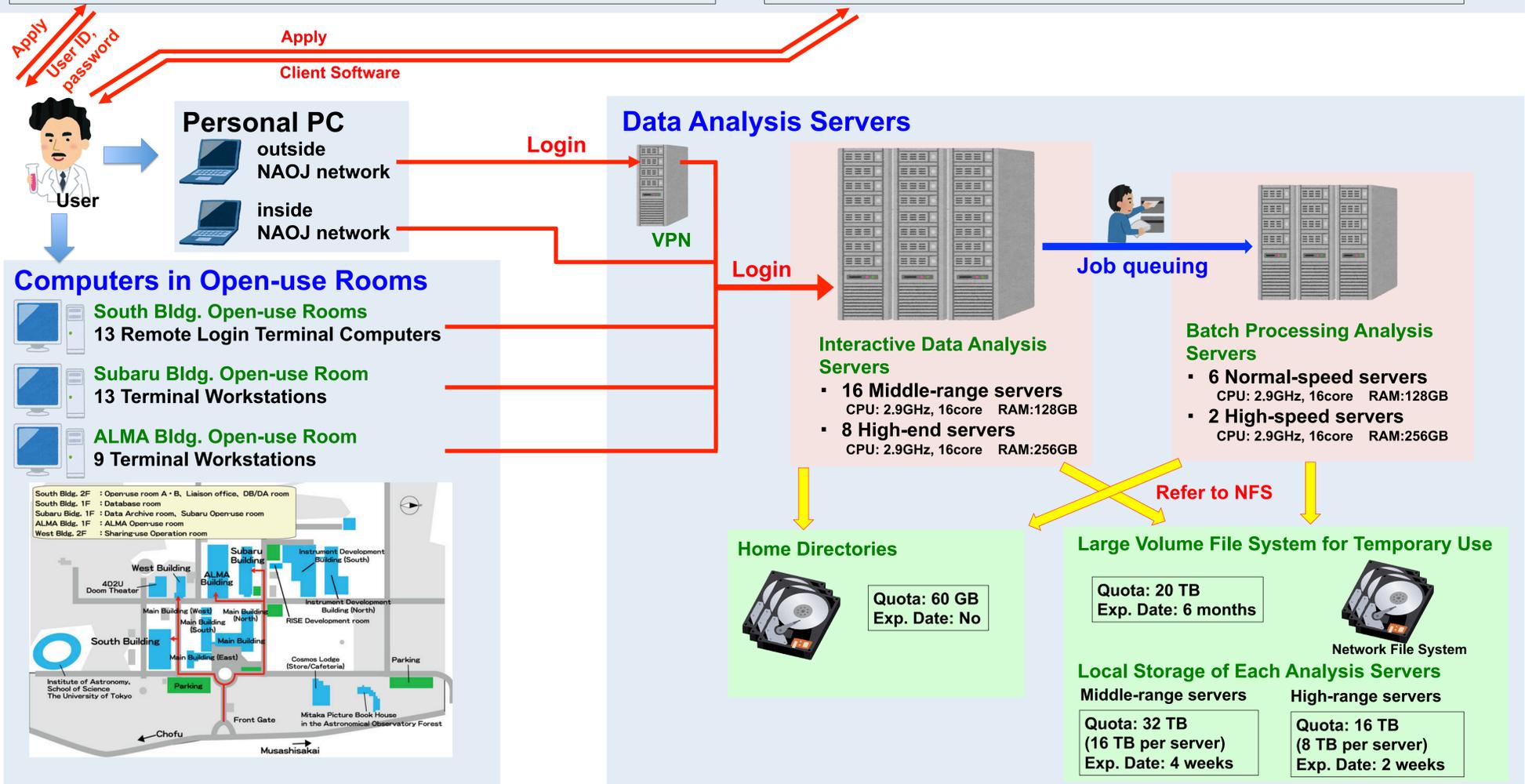
**English** [http://www.adc.nao.ac.jp/E/ID/IDtoroku\\_e.html](http://www.adc.nao.ac.jp/E/ID/IDtoroku_e.html)

### ② VPN ID application

- required when a user login from out of NAOJ network
- It is different from VPN for the NAOJ staff.

**Japanese** <http://www.adc.nao.ac.jp/IDtoroku/vpn.html>

**English** [http://www.adc.nao.ac.jp/E/ID/vpn\\_e.html](http://www.adc.nao.ac.jp/E/ID/vpn_e.html)



## Software

- OS: Red Hat Enterprise Linux 6 Workstation/Server
- Following software packages for astronomy and science are installed on the analysis system.
- Many development environments, web browsers, editors, image processing software, programming languages are also available.

Name	Version	Name	Version	Name	Version	Name	Version	Name	Version
AIPS	31-Dec-15	Cpgplot	5.2.2	IRAF	2.14.1, 2.16, 2.16.1	NewStar	20150422	starfinder	1.8.2
Astrometry.net	0.67	ds9	7.1, 7.3	Java NewStar	20150422	NOSTAR	20120528	STSDAS	3.17
CASA	3.3.0, 3.4.0, 4.0.0, 4.0.1, 4.1.0, 4.2.0, 4.2.1, 4.2.2, 4.3.0, 4.3.1, 4.4.0, 4.5.0, 4.5.1, 4.5.2, 4.5.3, 4.6	fv	5.4	Mathematica	9.0.1, 10.4.1	PBS Professional	13.0.2	SWarp	2.38.0
CASA pipeline	4.3.1	GILDAS	sep16b	MCSMDP	1.1.3	Pgperl	2.21	TABLES	3.17
cdsclient	3.8.0	gnuplot	4.6.6, 5.0.3	MCSRED	20141205	Pgplot	5.2.2	VEDA	
CFITSIO	3.39	gsl-devel	1.13-1 (64bit)	MIDAS	13SEPpl.2	Pmw	1.3.3	WCSTools	3.8.7
COMICS q_series	4.2	Heasoft	6.13	MIRIAD	4.3.8	Scamp	2.0.4	xpa	2.1.15
		HyperZ	1.1	Montage	4.0	SDFRED	1.4.1, 2.0, 2.0.1	x11iraf	2.0beta
		IDL	8.2, 8.5.1	MSCRED	5.05	SExtractor	2.19.5		
		IDL Astronomy User's Library	2013.01.03	MultiNest	3.6	SkyCat	3.1.2		
				Nero Linux	4.0.0.0	SM	2.4.30		

## Survey for Future Improvement and System Replacement

Q1: Are you a user?

A: Yes.

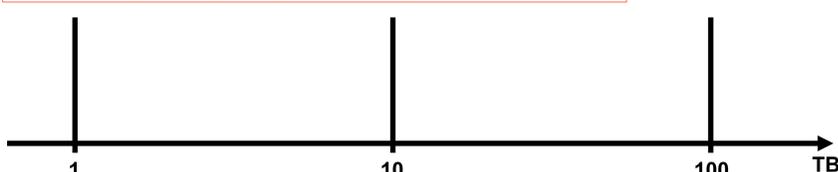
B: I will be user soon.

C: No.

Q2: Which is most important property of the servers for you ?

A: CPU Clock    B: Number of Core    C: Memory Size    D: Storage Size

Q3: How large storage do you need for your data reduction?



Q4: Do you need any more software?

Please write name of software you need here.