

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

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Astronomy Data Center (ADC), National Astronomical Observatory of Japan (NAOJ)

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.

Question & Request:

http://www.adc.nao.ac.jp/J/kaiseki\_top.htm

consult@ana.nao.ac.jp

User Account Application

①User 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

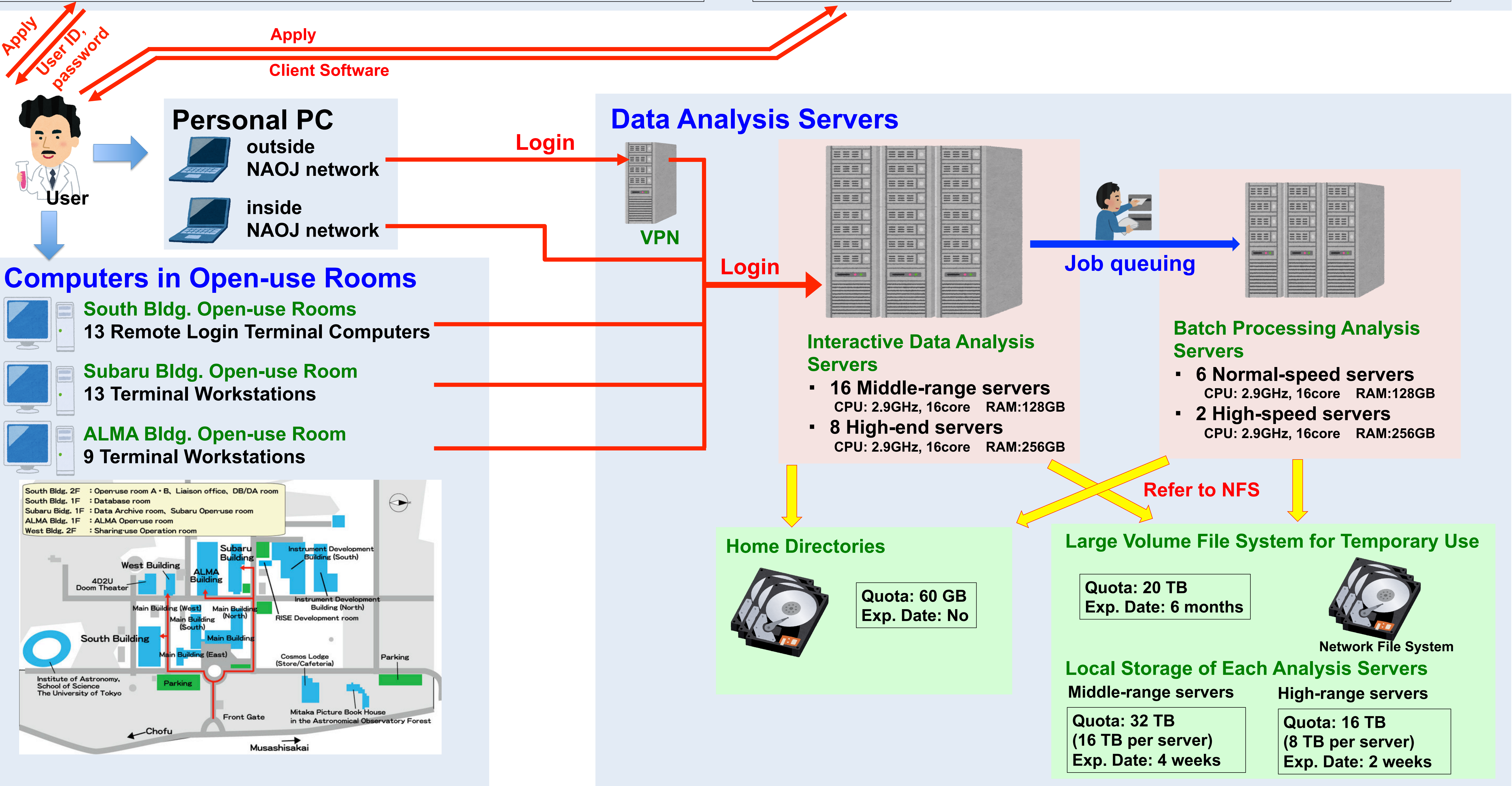
English http://www.adc.nao.ac.jp/E/ID/IDtoroku\_e.html

②VPN 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



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
AIPS	31-Dec-15
Astrometry.net	0.67
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
CASA pipeline	4.3.1
cdsclient	3.8.0
CFITSIO	3.39
COMICS q_series	4.2

Name	Version
Cpgplot	5.2.2
ds9	7.1, 7.3
fv	5.4
GILDAS	sep16b
gnuplot	4.6.6, 5.0.3
gsl-devel	1.13-1 (64bit)
Heasoft	6.13
HyperZ	1.1
IDL	8.2, 8.5.1
IDL Astronomy User's Library	2013.01.03

Name	Version
IRAF	2.14.1, 2.16, 2.16.1
Java NewStar	20150422
Mathematica	9.0.1, 10.4.1
MCSMDP	1.1.3
MCSRED	20141205
MIDAS	13SEPpl1.2
MIRIAD	4.3.8
Montage	4.0
MSCRED	5.05
MultiNest	3.6
Nero Linux	4.0.0.0

Name	Version
NewStar	20150422
NOSTAR	20120528
PBS Professional	13.0.2
Pgperl	2.21
Pgplot	5.2.2
Pmw	1.3.3
Scamp	2.0.4
SDFRED	1.4.1, 2.0, 2.0.1
SExtractor	2.19.5
SkyCat	3.1.2
SM	2.4.30

Name	Version
starfinder	1.8.2
STSDAS	3.17
SWarp	2.38.0
TABLES	3.17
VEDA	
WCSTools	3.8.7
xpa	2.1.15
x11iraf	2.0beta

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 ?

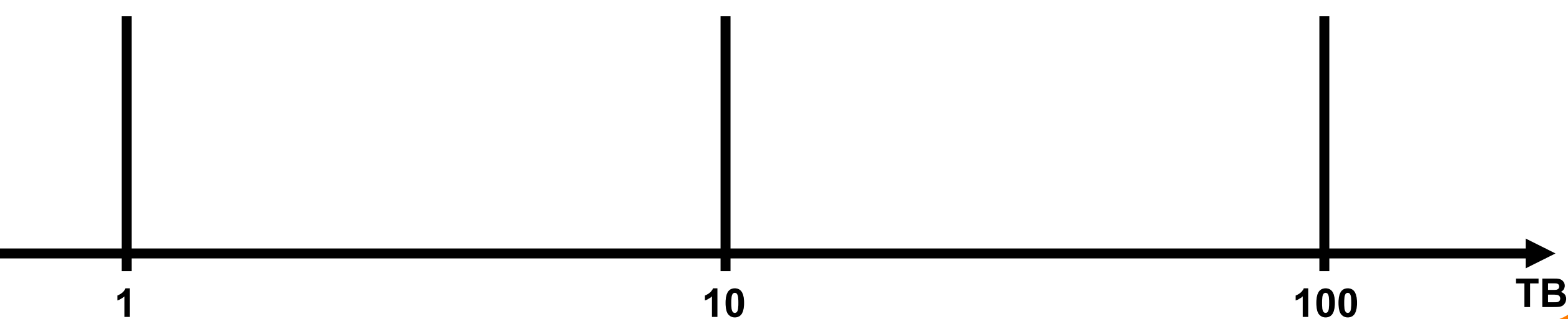
A: CPU Clock

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.