

2023-04-18 Meeting notes

Date

18 Apr 2023

Attendees

- [Stephan Witz](#)
- [Unknown User \(wcolburn\)](#)
- [Nathan Bockisch \[X\]](#)
- Tyler Hise
- [Matthew McCleary](#)
- [Cynthia J. Allen](#)
- [Alejandro Barrientos](#)
- [Patrick Murphy](#)
- [Astra Persky](#)

Goals

- The purpose of the working group is to chart the path towards standardizing our NGAS installs and adopting the newer version of NGAS.

Definitions

- NGAS node - a machine running one or more NGAS daemons
- NGAS daemon - an NGAS service running on a node, takes `http` commands by listening on a port
- NGAS cluster - a group of NGAS nodes tied together by a single relational database, can be in different data centers

Discussion items

Time	Item	Who	Notes
05m	Status of the hybrid cluster experiment	Stephan Witz	
10m	Review of host naming convention	Alejandro Barrientos	
10m	Status of partitioning discussion	Stephan Witz	
10m	Status of hardware change question	Unknown User (wcolburn)	
10m	Multiple daemons/node question	Stephan Witz	

Revised NGAS server naming schema proposal. Max host name could be up to 128 characters. Testing would need to be done to make sure functionalities work with long host names.

Site	NGAS	Purpose	Number	Port
Use lowercase and dashes		- prod: Production	001 onwards	7777 onwards
- naasc: North American ALMA Science Center		- test: Test		
- non-naasc: Charlottesville non-naasc ngas.		- dev: Development		
- dsoc: New Mexico		- mirror: Mirror		
- gbo: Green Bank Observatory				
Non NRAO Sites (should we want to invite other sites that use ngas):				
- jao: Joint ALMA Observatory (Chile)				
- eso: European Southern Observatory (Germany)				
- naoj: National Astronomy Observatory (Japan)				

Examples:

naasc-ngas-prod-001:7777 - NAASC Ngas Production 001, port 7777 (first one)

non-naasc-ngas-test-001:7780 - Charlottesville NGAS Test 001, port 7780 (fourth one)

Action items

- ☐ SIS to upgrade ngas-beta.aoc.nrao.edu to NGAS 11 or 12
- ☐ SSA to migrate database from 4 to 12
- ☐ SIS to standardize where possible on hardware specs
- ☐ [Stephan Witz](#) to revise partitioning document
- ☐ Those folks who can't edit confluence should submit tickets