

Operations Users Group VO Service Data Providers

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Center	Services		Fraction of successful tests:			6 months
			year ending			ending
	Tested	Registered	April 2016	April 2017	April 2018	April 2018
3CR Snapshots	1	1	99	99.4	99.9	99.9
ARCHES	2	2	92	99.1	93	91.9
ARVO	1	1	96.3	98.1	87.1	86.9
ASDC	1	1	98.8	99.9	97.9	99.6
Astronet	2	28	91.2	64.8	40.6	70.5
BSDC	3	9	91.6	99.2	98.4	97.6
CADC	4	6	95.3	98.1	96.2	92.5
CDPP	1	3	97.6	98.6	98.6	99.3
CDS	1	1	98.9	99.6	99.9	99.9
CDS SIMBAD	2	2	98.5	99.7	99.6	99.7
CDS VizieR	7	18661	99.4	98.7	99.4	99.4
CSIRO	4	17	98.9	99.3	78.6	60.4
China VO	3	4	89.7	98.8	99.3	99.1
DAME	1	1	93.5	95.2	87.7	99.9
ESA VO	5	20	98.8	98.1	98.3	97.5
ESO ORG	1	1	99.8	98.9	99.4	98.9
GAVO	6	62	99.5	99.7	98.1	96.6
GAVO Purx	1	1			99.4	99.4
HEASARC	7	1030	96.9	99.3	99.2	99.1
HESIOD	2	6	96.8	98.4	98.7	98.3
Harvard ADS	1	1	97.9	95.5	97.5	98.3
Harvard CXC	4	8	99.6	99.3	99.9	99.9
Heidelberg	2	3	0	99.9	99.6	99.3
Helio VO	1	3	94.4	99.4	98	96.1
IDOC	1	5	0	84.3	99.1	98.9
INAF	4	35	97.8	97.8	87.1	98.3
IRSA	7	465	99.6	99.5	99.3	99
IVOA	1	1	99.9	99.8	99.7	99.5
IVOA RofR	1	1	98.1	99.5	99.7	99.7

JVO	4	30	99.4	99.8	99.5	99.2
MAGIC	1	1	96	56.9	0	0
MAST/STScI	9	49	99.6	99	99.7	99.7
MPPPC	1	1			97.4	97.1
MSSL	1	3			36	45.8
NAO	1	3	97.1	97.6	83.4	81.7
NCI	2	3	96.7	98.2	99.6	99.7
NEA	1	1		100	99.6	99.3
NED	4	6	99.8	99.6	99.4	99.1
NOAO	1	1	92	95.6	99.9	100
NOVA	4	7	94.3	88.6	69.3	42.8
NRAO	2	2	99.9	99.8	100	100
OVGSO	1	1	97.8	95.6	97.8	99.2
Obs Haute Provence	1	1	99.1	98.6	99.4	99.6
Obs Lyon	1	1	98	97.7	99.1	99.3
ROE Astrogrid	6	231	89	95.9	97.2	96.4
SDSS	6	24	95.1	98.1	99.3	99.9
SVO	10	59	99.6	98.6	99.7	100
StarDB	1	1	99	99.7	98.2	97
Swinburne	1	1	99.9	99.9	100	100
TBL Narval	1	1	97.8	95.4	97.7	98.9
USNO	1	3	90.2	66.2	94.5	95.2
VO Paris	4	26	99.3	95.5	98.7	99.8
VO Paris DC	1	2	99.7	99.5	99.2	99.6
VOPDC IAP	1	1	99.7	99.5	99.2	99.6
VOPDC OBSPM	2	26	99.7	99.2	98.9	99.2
XAOVO	3	7	98.9	99.3	97.2	100
XCAT	5	12	99	99.4	99.9	100
Total	153	20883	99.06	98.63	99.21	99.22
Total (no CDS)	143	2219	96.24	98.07	97.62	97.74

Tested: Number of services tested hourly

Registered: Number of services in registry of tested protocol types.

Histogram of services provided by sites

Number of VO services at Site	Number of sites	Centers
> 10,000	1	VizieR/CDS
1,001 – 10,000	1	HEASARC
101 – 1,000	2	IRSA, ROE
30-100	5	GAVO, MAST, JVO, INAF, SVO
10-29	7	Astronet, CSIRO, ESA VO, SDSS, VO Paris, VOPDC, XCAT
5-9	8	
2-4	12	
1	21	
Total:	57	

Centers for which testing has been suspended

Center	Tested	Registered	Tested by type	Registered by Type	Date Deleted
Ages	1	1	1 C	1 C	7/27/2015
AMIGACS	1	1	1 C	1 C	12/1/2014
Arecibo-Cornell	1	1	1 C	1 C	4/8/2016
Astro-Wise	2	4	1 SIA, 1 C	2 SIA, 2 C	8/15/2016
ASU	1	2	1 SSA	2 SSA	8/29/2016
Castor	1	1	1 SSA	1 SSA	8/1/2016
CXC MIT(cxc.mit)	2	2	1 C, 1 SIA	1 C, 1 SIA	5/1/2018
German VO (www.g-vo.org)	3	5	1 C, 1 SIA, 1 SSA	1 C, 1 SIA, 3 SSA	7/18/2016
GRAAL-VO	1	1	1 SSA	1 SSA	11/27/2017
Helio VO Mirror	1	1	1 R	1 R	11/8/2016
IACVO	1	3	1 SIA	3 SIA	11/15/2016
IAP	1	1	1 SSA	1 SSA	6/5/2013
ISON	1	1	1 SIA	1 SIA	11/17/2015
LAM	1	1	1 SSA	1 SSA	6/23/2016
LEDAS	2	556	2 C	556 C	12/17/2012
MACHO	2	13	1 C, 1 SIA	12 C, 1 SIA	12/27/2013
MAGIC	1	1	1 SSA	1 SSA	5/11/2018
NAOC	1	1	1 SSA	1 SSA	12/11/2015
NCSA	1	1	1 R	1 R	11/16/2015
STECF	3	10	2 SSA, 1 SIA	6 SSA, 4 SIA	2/21/2017
Uk AC CAM	2	18	1 C, 1 T	11 C, 5 T, 2 R	4/10/2014
Vatican	1	1	1 SIA	1 SIA	12/4/2013
Total	30	644			

22 centers removed from testing