

Table 1: Registrar Scoring

Registrar	IANA ID	Country	gTLD domains (Aug 2019)	gTLD Market share	WHOIS service: functionality and compliance		RDAP service: functionality and compliance		Compliant with Temp Spec?	Contactability info contained in RDDS output?		Contactability Mechanism functional? (web form or anonymized email)
					OK	Notable rate-limiting	OK	Notable rate-limiting		WHOIS: YES	RDAP: NO	
GoDaddy	146	US	60,818,688	29.5%	OK	Notable rate-limiting	OK	Notable rate-limiting	YES	WHOIS: YES	RDAP: NO	YES; some usability problems
Tucows	69	CA	9,973,157	4.8%	Problems. Notable rate-limiting; non-responsive depending on location of user.		FAIL. Also notable rate-limiting; non-responsive depending on location of user.		NO	YES		YES; notable usability problems
NameCheap	1068	US	9,473,653	4.6%	FAIL		FAIL		NO	YES		YES
Network Solutions	2	US	7,041,618	3.4%	FAIL		FAIL		NO	YES		problem
Alibaba Cloud Computing (Beijing) Co., Ltd.	420	CN	7,020,473	3.4%	FAIL		no RDAP server		NO	WHOIS: problem	RDAP: NO	web form; not tested
eNom, LLC	48	US	5,765,808	2.8%	Notable rate-limiting; non-responsive depending on location of user.		Notable rate-limiting; non-responsive depending on location of user.		NO	WHOIS: some missing	RDAP: YES	YES; notable usability problems
GMO Internet dba Onamae.com	49	JP	5,295,887	2.6%	FAIL		FAIL		NO	NO		no mechanism found
Xin Net Technology Corporation	120	CN	5,105,935	2.5%	FAIL		FAIL		NO	WHOIS: NO. RDAP: NO		location of contact form revealed in Web WHOIS output only
1&1 Ionos	83	DE	4,969,122	2.4%	OK		OK		YES	YES		YES; some usability problems
PDR Ltd.	303	IN	4,737,408	2.3%	problem		problem		YES	YES		YES; some usability problems
Google LLC	895	US	3,722,764	1.8%	OK		OK		YES	YES		YES
NameSilo	1479	US	3,160,058	1.5%	OK		FAIL		problems	YES		YES
Wild West	440	US	2,750,299	1.3%	OK	Notable rate-limiting	OK	Notable rate-limiting	YES	WHOIS: YES	RDAP: NO	YES
FastDoman	1154	US	2,340,788	1.1%	FAIL		problem		OK	OK		NO for masked EU data
OVH sas	433	FR	2,119,173	1.0%	FAIL		FAIL		NO	Web-based: NO	port 43 and RDAP: YES	YES
Register.com	9	US	1,773,633	0.9%	OK		FAIL		problem	YES		YES
Key-Systems GmbH	269	DE	1,396,386	0.7%	FAIL		FAIL		problems	Web-based: problem	RDAP: OK	web form; not tested
Gandi SAS	81	FR	1,306,894	0.6%	OK		FAIL		YES	YES		YES
123-Reg	1515	UK	856,664	0.4%	problems		FAIL		problem	YES		FAIL
Registrar of Domain Names REG.RU LLC (REG.COM)	1606	RU	727,287	0.4%	FAIL		FAIL		NO	WHOIS: NO	RDAP: YES	FAIL
OnlineNIC, Inc.	82	US/CN	718,439	0.3%	FAIL		FAIL		NO	WHOIS: YES	RDAP: NO	web form, not tested
West263 International Limited	1915	CN	681,449	0.3%	FAIL		FAIL		NO	YES		FAIL
NetEarth	1005	UK	142,822	0.1%	problem		OK		YES	YES		problems
TOTALS			141,898,405	68.8%								