



????????????2023?2?

??? 2023?3?18?

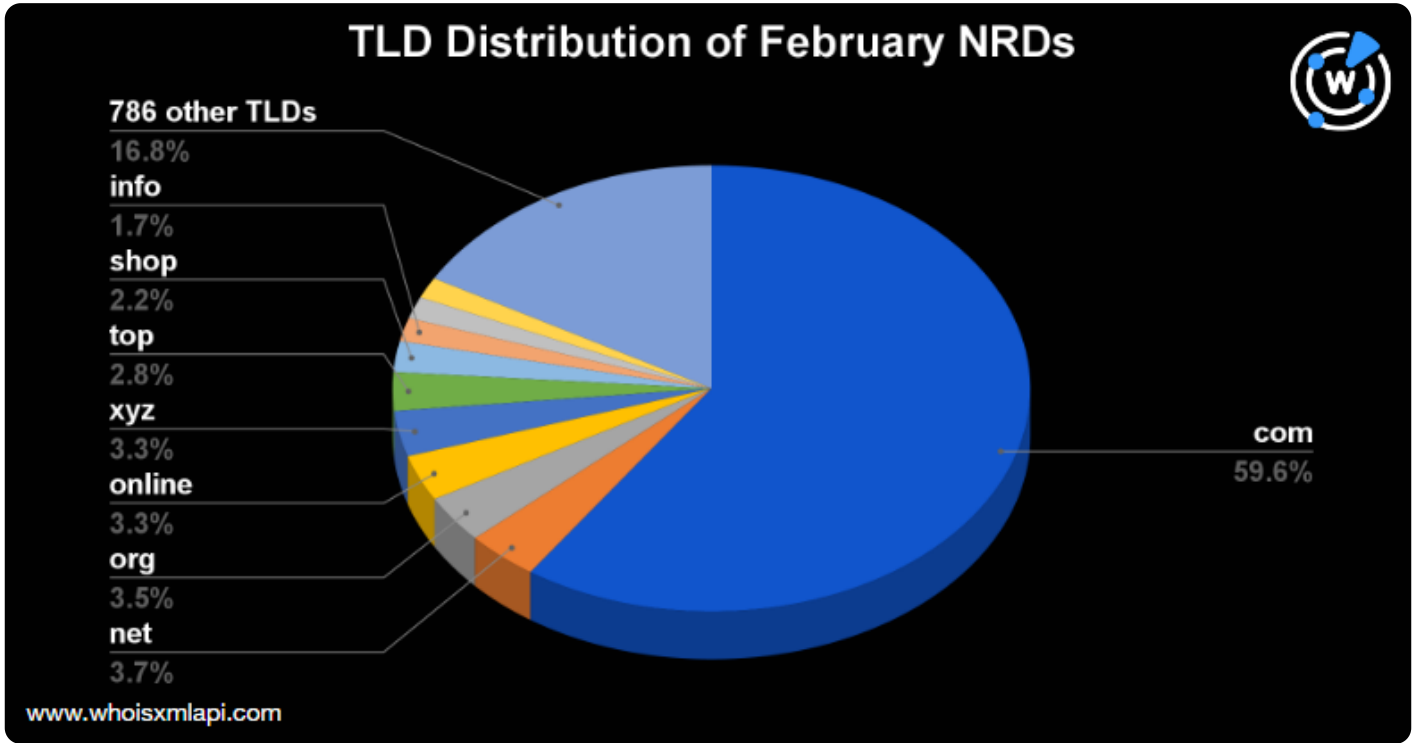
WhoisXML

API????????2023?2?1???28????????????????????????????????28,000????????????????????????????????TL

2????????????NRD???????????

TLD???

2?????????????????????????????????.com????????????59.6%?????????????.net?3.7%???.org?3.5%???.online?.



????????????TLD??????????

???2023?3?3??Spamhaus????????????????TLD????????????????????????????????????TLD??Spamhaus

TLD	?TLD????????????????????????????????????	2??NRD????????TLD????????????????
	????Spamhaus?	
.live	31.0%	0.542%
.beauty	25.1%	0.076%
.fyi	21.0%	0.063%
.fit	24.7%	0.029%
.zone	28.5%	0.015%

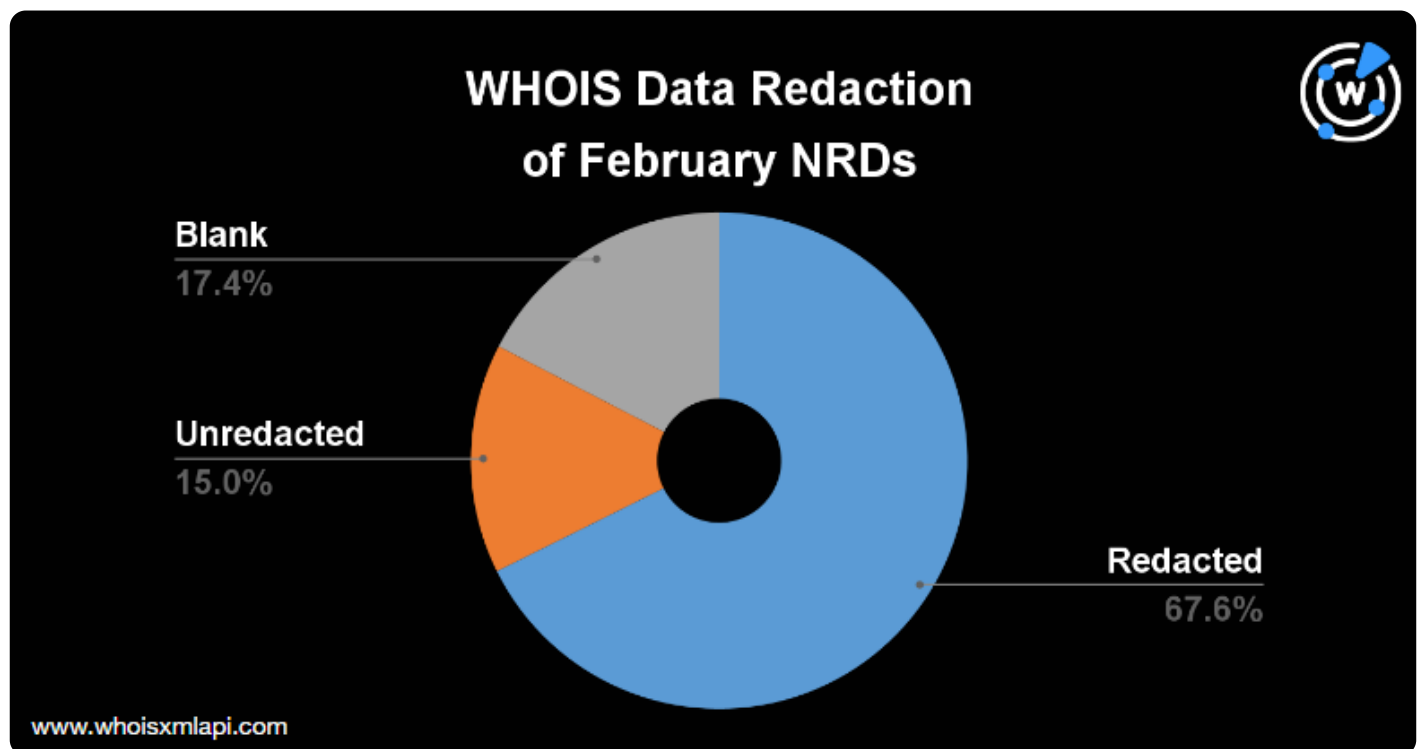


.bar	27.6%	0.012%
.rest	71.7%	0.005%
.okinawa	69.6%	0.001%

NRD????????TLD????????????1????????2??NRD????????????????????????????????NRD????????????????

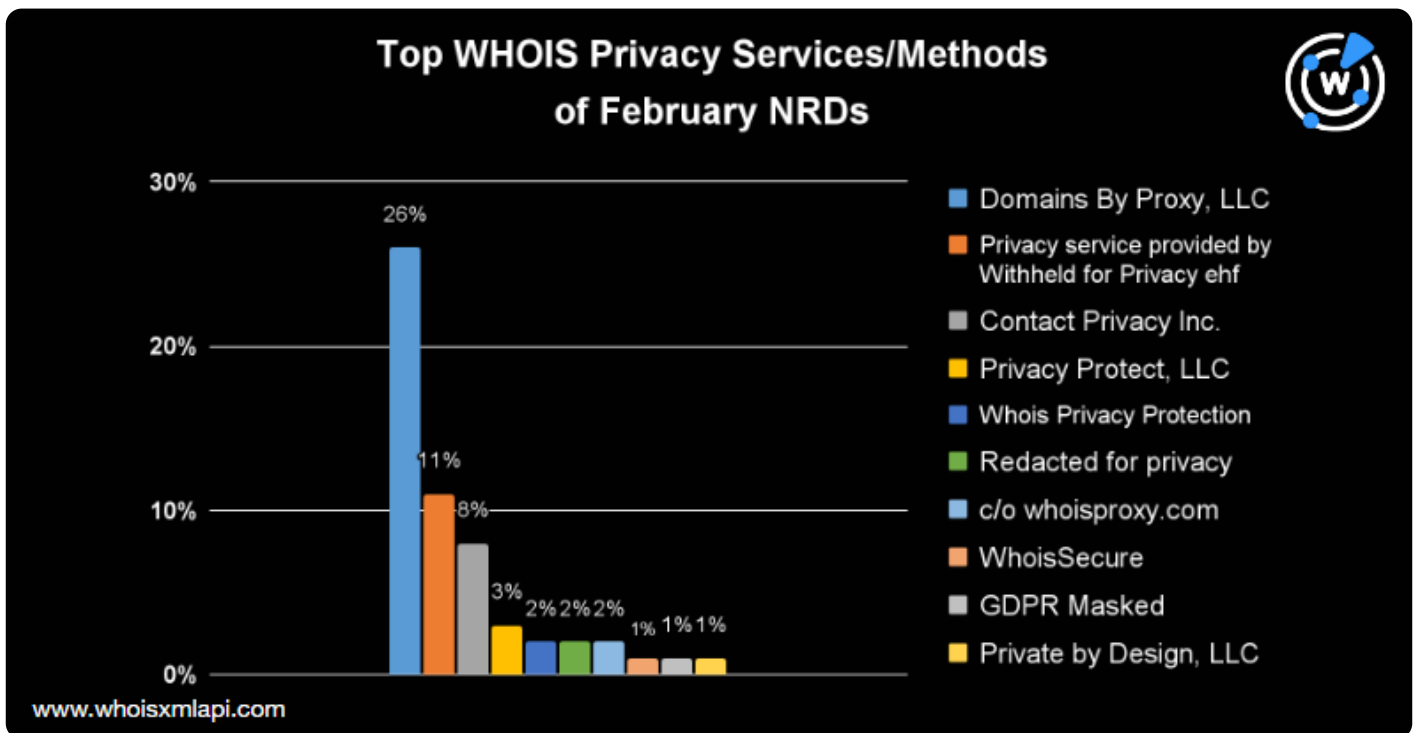
WHOIS??????????

WHOIS????????????????????????????????????2??NRD????????????????WHOIS????????????????????????15



WHOIS?????Organization?????????67.6%??
By Proxy, LLC????????????????2??NRD?4??1????????????????????????????????

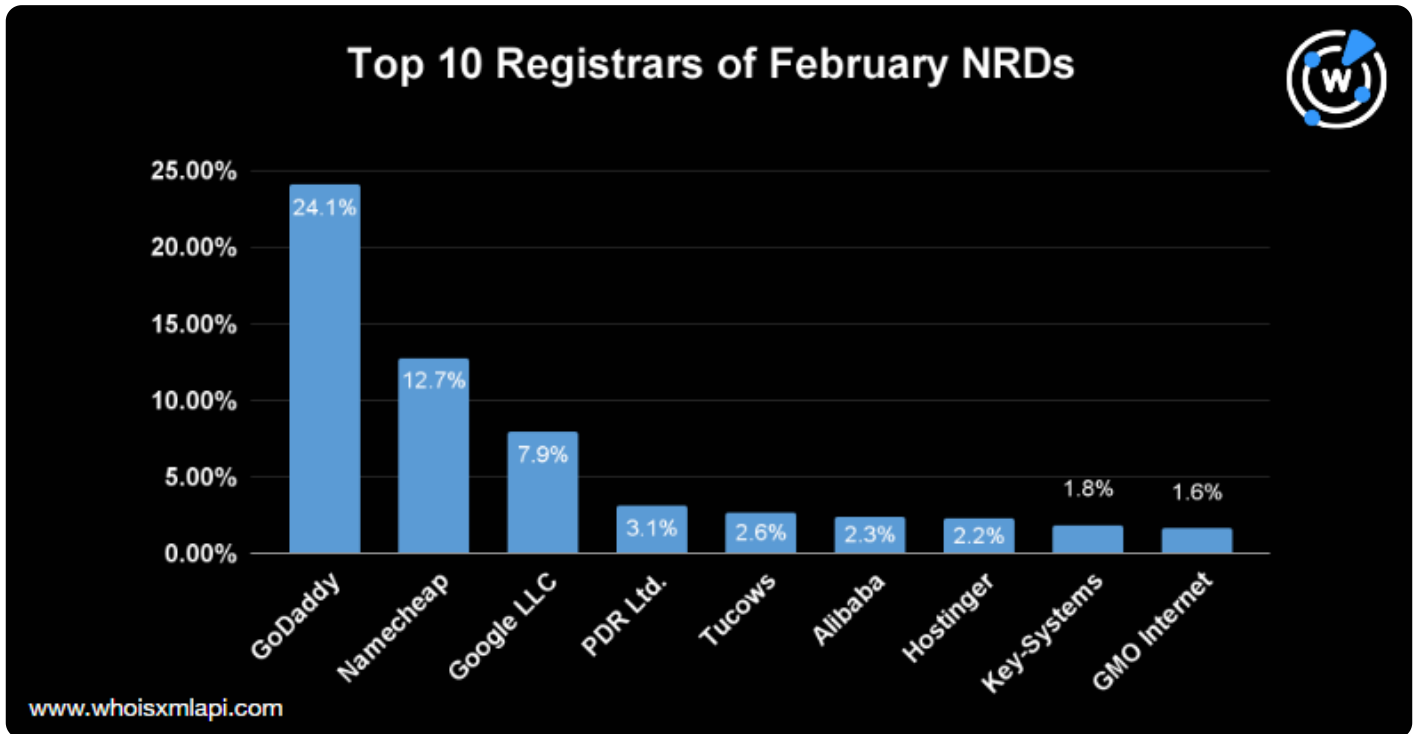
Withheld for Privacy EHF
 Contact Privacy, Inc.
 Privacy Protect, LLC
 .com
 Whoisproxy.com
 Redacted for Privacy
 WhoisSecure
 GDPR Masked
 Private by Design, LLC
 Organization



GoDaddy
 Namecheap
 Ltd.
 Tucows
 Alibaba
 Hostinger
 Key-Systems
 GMO

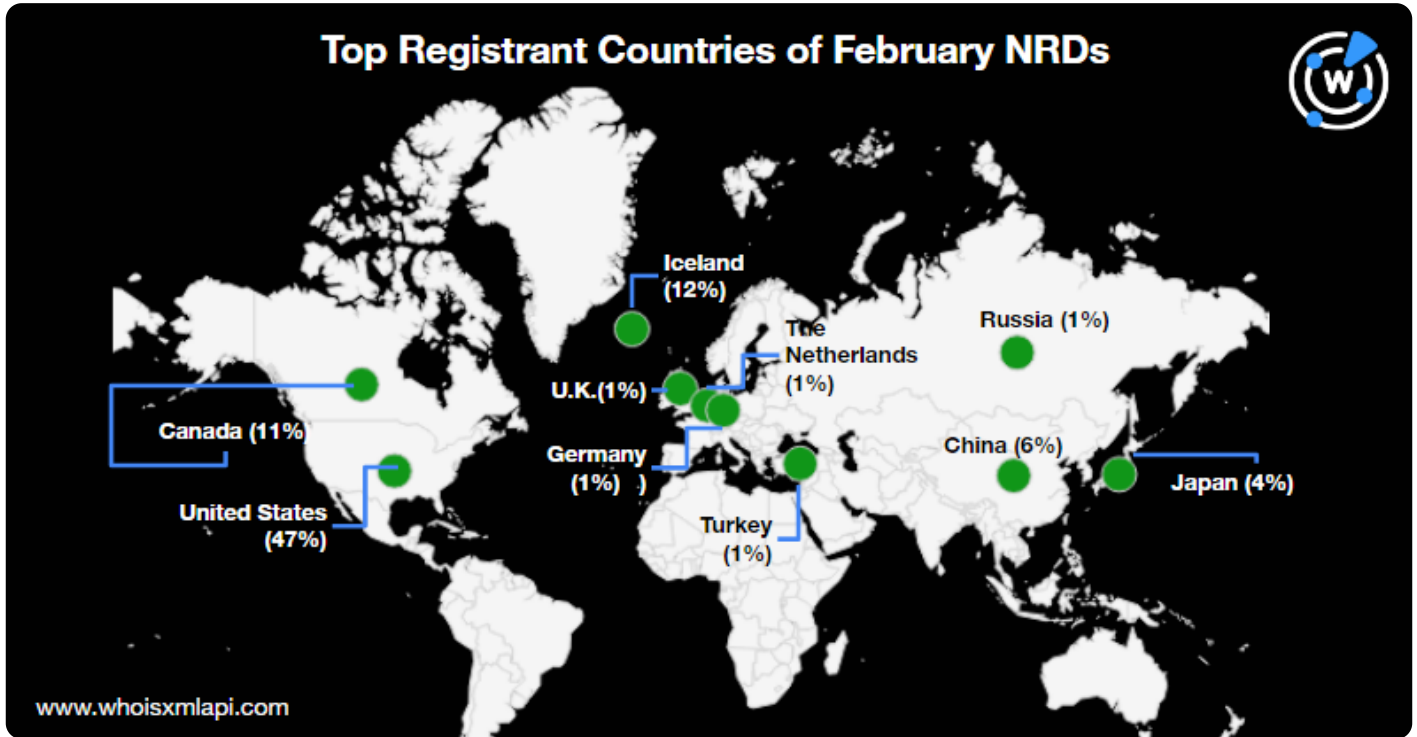
GoDaddy
 Namecheap
 Ltd.
 Tucows
 Alibaba
 Hostinger
 Key-Systems
 GMO

GoDaddy
 Namecheap
 Ltd.
 Tucows
 Alibaba
 Hostinger
 Key-Systems
 GMO



?????????

2??NRD????????12????????11????????????????????????????????????1?????
????????????????????????????2??



????????????????????

NRD??**online?shop?market?info?**
tech?app?????????AI????????????????

????XN

????????????????????????????IDN??2??NRD????????????????????



DNS????????????????????

????????2????????????????????

- **Hive???????????????????? ?**
 ?????????Hive????6????????????????????loC????????????????????950
- **????????????????loC?????**WhoisXML API????????Dancho
 Danchev????????6????????????????loC????2,200????????5,5
- **????????????????Batloader???**
 ?Batloader?loC????17????????5,000????????
- **loC????????Gigabud RAT????????10??Gigabud RAT?**
 loC????????1,000????????Banco de
 Comercio?Advice?Thai Lion Air?Shopee



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