



# DNS Investigation: Is xDedic Truly Done for After Its Takedown?

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## Executive Report

Law enforcement agencies [shut down xDedic](#), a cybercrime-as-a-service (CaaS) marketplace specifically providing web servers to cybercriminals, back in 2019. However, WhoisXML API threat researcher Dancho Danchev posits that parts of its backend infrastructure may remain traceable.

Our research team dove deep into the DNS in a bid to expand the list of 19 xDedic indicators of compromise (IoCs) Danchev provided, comprising three domains and 16 IP addresses, and determine if threat traces remained active. We uncovered:

- 15 email-connected domains, one of which turned out to be malicious
- 126 IP-connected domains, one of which turned out to be malicious
- Nine string-connected domains

## A Closer Look at the xDedic IoCs

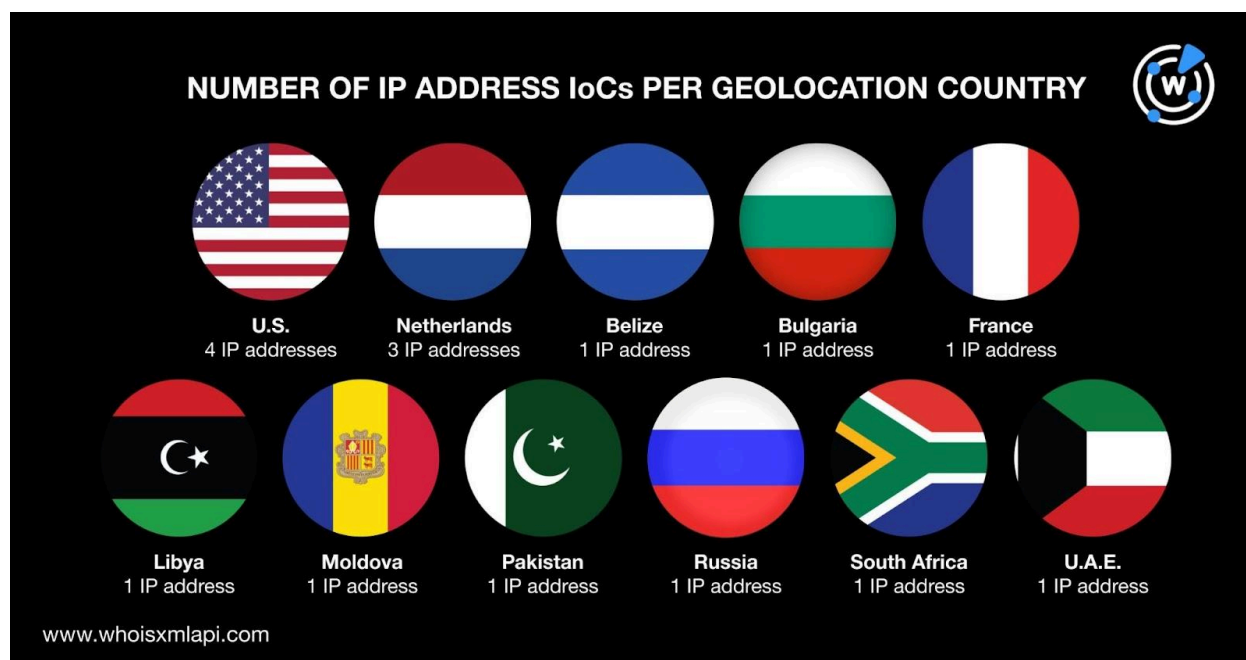
As is our usual first step, we subjected the three domains identified as IoCs to a [bulk WHOIS lookup](#) that revealed that only one of the domain IoCs—xdedic[.]biz—had current WHOIS data, including:

- **Registrar:** PSI-USA, Inc.
- **Creation date:** 12 September 2014
- **Registrant country:** Canada

A [bulk IP geolocation lookup](#), meanwhile, for the 16 IP addresses tagged as IoCs showed that:



- They were distributed among 11 geolocation countries led by the U.S., which accounted for four IP address IoCs. The Netherlands accounted for three IP address IoCs while one IP address each was geolocated in Belize, Bulgaria, France, Libya, Moldova, Pakistan, Russia, South Africa, and the U.A.E. The variety of IP address geographic locations could be due to the global nature of the threat.



- They were also spread across 13 ISPs led by Cloudflare, Inc., which accounted for four IP address IoCs. One IP address each was administered by 365 Online Technology Joint Stock Company, Alexhost SRL, Aljeel Aljadeed Technology, DIGIT1-IPOE, IQWeb FZ LLC, Liquid Telecommunications Operations Limited, Lirex.net, Multinet 125-101/24, OVH SAS, Pars Shabakeh Azarakhsh LLC, Serverius Holding B.V., and TOV Highload Systems.

## Can xDedic Traces Still Be Found in the DNS?

Next, we sought to determine if xDedic traces remained even after the site had been shut down.

We began our IoC list expansion with [WHOIS History API](#) searches for the three domains classified as IoCs. They led to the discovery of five email addresses in the domain IoCs' historical WHOIS records. We used the only public email address to find email-connected domains.



[Reverse WHOIS Search](#) uncovered 15 domains with the email address in their historical WHOIS records. One email-connected domain—omerta[.]cc—according to [Threat Intelligence API](#) was associated with a malware attack.

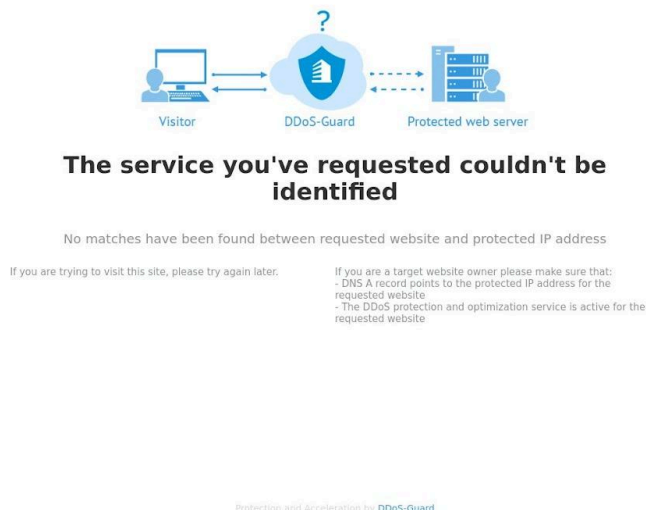
Three of the email-connected domains remained accessible to date based on [screenshot lookup](#) results. While one led to an error page, another was parked and the last led to a page with live content. The malicious email-connected domain omerta[.]cc was unreachable as of this writing.

Next, we performed [DNS lookups](#) for the three domain loCs, which did not turn up IP addresses. But we could still look for IP-connected domains limited to the 16 IP address loCs.

[Reverse IP lookups](#) for the 16 IP addresses named as loCs showed that three of them—186[.]2[.]163[.]126, 87[.]236[.]215[.]18, and 91[.]220[.]101[.]43—could be dedicated. Altogether, they hosted 126 IP-connected domains after duplicates were filtered out.

Threat Intelligence API revealed that one IP-connected domain—vsoloviev[.]ru—was associated with generic threats.

According to Screenshot Lookup, the malicious IP-connected domain remained accessible despite leading to an error page as of this writing.



**Screenshot of the page hosted on the malicious IP-connected domain vsoloviev[.]ru**





Our xDedic IoC list expansion led to the discovery of 150 potentially connected artifacts comprising 15 email-, 126 IP- and nine string-connected domains. One email- (i.e., omerta[.]cc) and one IP-connected domain (i.e., vsoloviev[.]ru) turned out to be malicious. In addition, the string-connected domain xdedic[.]io that remains in the DNS to date could potentially be part of the CaaS marketplace's infrastructure.

***If you wish to perform a similar investigation or learn more about the products used in this research, please don't hesitate to [contact us](#).***

***Disclaimer:*** We take a cautionary stance toward threat detection and aim to provide relevant information to help protect against potential dangers. Consequently, it is possible that some entities identified as “threats” or “malicious” may eventually be deemed harmless upon further investigation or changes in context. We strongly recommend conducting supplementary investigations to corroborate the information provided herein.

## Appendix: Sample Artifacts

### Sample Email-Connected Domains

- amtrustpills[.]com
- buycytotecnow[.]com
- buyingamoxicillin[.]com
- buyingclomid[.]com
- ed-generics-online[.]com
- goodfinance-blog[.]com
- gossipgel[.]com
- hotnpapers[.]com

### Sample IP-Connected Domains

- abargrit[.]com
- ablb[.]ir
- ablbasp[.]ir
- absanatco[.]com
- absanattehran[.]com
- alirantrading[.]net
- amnafza-co[.]ir
- apadanaart[.]com
- atbinfam[.]com
- atlasfilm[.]net
- atousaco[.]com
- balansanat[.]com
- bently[.]co
- betawin[.]ir
- binaloodpaint[.]com
- binaloodpaint[.]ir
- boghratlab[.]com
- cafechimney[.]ir
- candonama[.]com
- cheftco[.]com
- dkc-uae[.]com
- drkahnamuee[.]com
- drkahnamuee[.]ir
- ecoffice[.]co
- ecoffice[.]ir
- ecoffice[.]org



- elmisaz-autopart[.]com
- englandtour[.]ir
- fixopen[.]com
- goalelectric[.]co
- goalelectric[.]ir
- goalelectric[.]net
- gritpash[.]com
- haniantenna[.]com
- hseoic[.]com
- innopraktika[.]ru
- iran-oilshow[.]ir
- iran-watex[.]com

- iranaac[.]ir
- iranianhairclinic[.]com
- iriclub[.]com
- isfahan-elecomp[.]com
- kdd-group[.]com
- keshtsanatj[.]com
- kimia-pharma[.]co
- kish-tours[.]com
- kmcco[.]ir
- mandtgroup[.]co
- mashhademoghadas[.]com
- mashhademoghadas[.]ir

## Sample String-Connected Domains

- xdedic[.]cc
- xdedic[.]club
- xdedic[.]com
- xdedic[.]in
- xdedic[.]io