# DNS investigation (diadon.com)

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# **Purpose**

To identify why Azure DNS settings are not being used when accessing diadon.com

# **Scope of investigation**

Domain name: diadon.com

**Expected DNS end-of-chain DNS server(s):** Azure DNS

The investigation was conducted following the same series of steps that any internet request would follow

- Domain guery for nameserver identification
- Following DNS chain nameserver chain
- DNS zone configuration at the end of the chain

## **Domain Query for nameserver identification**

Whois.net was used to identify the nameservers that would handle the start of any request.

The initial lookup identified NS51.DOMAINCONTROL.COM and NS52.DOMAINCONTROL.COM as the nameservers for diadon.com. Note that other registration information does not immediately identify the owner of the domain. This is a result of domain privacy settings.

# Following the chain



#### WHOIS LOOKUP



#### diadon.com is already registered\*

Domain Name: DIADON.COM Registry Domain ID: 1487390452\_DOMAIN\_COM-VRSN Registrar WHOIS Server: whois PublicDomainRegistry.com Registrar URL: http://www.publicdomainregistry.com Updated Date: 2017-05-07T02:02:42Z Creation Date: 2008-06-05T16:53:53Z

Registry Expiry Date: 2022-06-05T16:53:53Z Registrar: PDR Ltd. d/b/a PublicDomainRegistry.com Registrar IANA ID: 303

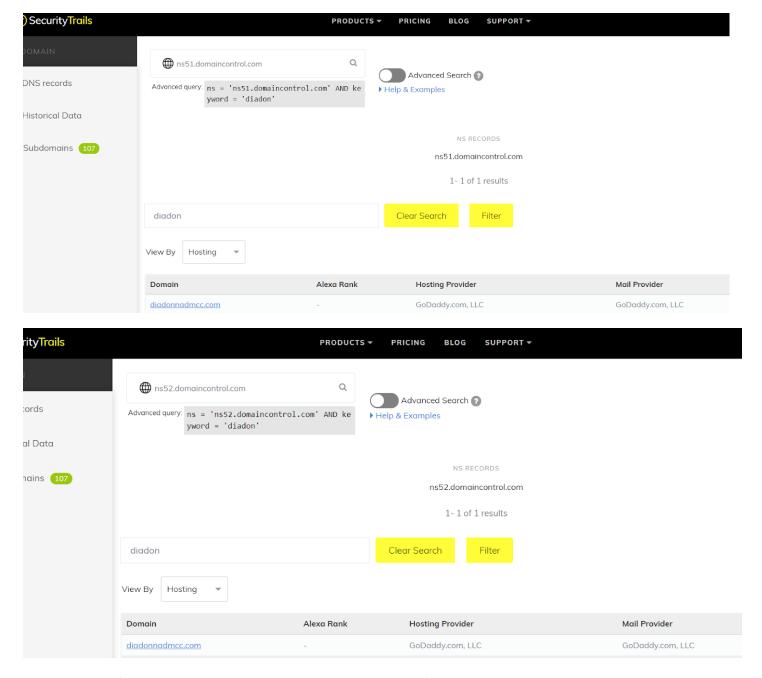
Registrar Abuse Contact Email: abuse-contact@publicdomainregistry.com

Registrar Abuse Contact Phone: +1.2013775952 Domain Status: ok https://icann.org/epp#ok Name Server: NS51.DOMAINCONTROL.COM Name Server: NS52.DOMAINCONTROL.COM

Name Server: N552.DOMAINCONTROL.COM
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>> Last update of whois database: 2018-11-01T14:50:092 <<<

For more information on Whois status codes, please visit https://icann.org/epp

Following the DNS chain and looking up diadon.com in ns51 and ns52 at domaincontrol.com resulted in zero records with the nearest match being diodonnodmcc.com



This is the end of the DNS chain as there is no additional route specified beyond this point.

# DNS zone configuration at the end of the chain

Azure DNS is not the end point in the lookup chain which is why it is not handling lookup requests for diadon.com

# **Solution Recommendation**

The nameservers specified in the domain name registration records should be changed to point to azure ns servers, not domaincontrol ns servers. This change must be made in the domain registrar's system (http://worldics.com/).

See the example below for ns server details that should be visible when performing a whois on diadon.com

**NOTE:** the example below show -07 Azure DNS servers but for diadon.com, -09 servers will be used: NS1-09.AZURE-DNS.COM, NS1-09.AZURE-DNS.NET, NS1-09.AZURE-DNS.ORG and NS1-09.AZURE-DNS.INFO

Registral Aduse Contact Priorie: 1-800-497-3233

Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited Domain Status: clientUpdateProhibited https://icann.org/epp#clientUpdateProhibited

Name Server: NS1-07.AZURE-DNS.COM Name Server: NS2-07.AZURE-DNS.NET Name Server: NS3-07.AZURE-DNS.ORG Name Server: NS4-07.AZURE-DNS.INFO

DNSSEC: unsigned

URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/

>>> Last update of whois database: 2018-12-20T21:22:42Z <<<

## More information about domain control.com

Domaincontrol.com is owned by a subsidiary of The Go Daddy Group called Wild West Domains, LLC

### WHOIS LOOKUP



## domaincontrol.com is already regist

Server Name: DOMAINCONTROL.COM IP Address: 68.178.211.104 Registrar: Wild West Domains, LLC

Registrar WHOIS Server: whois.wildwestdomains.com Registrar URL: http://www.wildwestdomains.com

Domain Name: DOMAINCONTROL.COM

Registry Domain ID: 92924903\_DOMAIN\_COM-VRSN Registrar WHOIS Server: whois.wildwestdomains.com Registrar URL: http://www.wildwestdomains.com Updated Date: 2018-09-18T21:03:53Z

Creation Date: 2002-12-08T07:27:567 Registry Expiry Date: 2027-11-01T11:59:59Z Registrar: Wild West Domains, LLC

Registrar IANA ID: 440

Registrar Abuse Contact Email: abuse@wildwestdomains.com Registrar Abuse Contact Phone: 480-624-2505

Domain Status: serverDeleteProhibited https://icann.org/epp#serverDelet Domain Status: serverTransferProhibited https://icann.org/epp#serverTra Domain Status: serverUpdateProhibited https://icann.org/epp#serverUpdateProhibited https://icann.org/epp#server

Name Server: A1-245.AKAM.NET Name Server: A11-64.AKAM.NET Name Server: A20-65.AKAM.NET Name Server: A6-66.AKAM.NET Name Server: A8-67.AKAM.NET Name Server: A9-67.AKAM.NET Name Server: ANS01.DOMAINCONTROL.COM

Name Server: ANS02.DOMAINCONTROL.COM

DNSSEC: unsigned

