DNSCRYPT
BRIAN HARTVIGSEN
CISCO / OPENDNS
DNSCurve uses high-speed high-security elliptic-curve cryptography to drastically improve every dimension of DNS security...
OPENDNS ADOPTS DNSSCURE

JULY 31, 2009

MATTHEW DEMPSKY AKA MDEMPSKY

E733205
OPENDNS DISABLED DNSCURVE SUPPORT

JUNE 21, 2017

ONLY BEING USED BY CR.YP.TO AND NAMESERVERS STOPPED RESPONDING TO ENCRYPTED QUERIES
<dnscrypt-query> ::= <client-magic> <client-pk> <client-nonce> <encrypted-query>
...
<encrypted-query> ::= AE(<shared-key> <client-nonce> <client-nonce-pad>,<client-query> <client-query-pad>)

X25519-XSALSA20POLY1305 OR X25519-XCHACHA20POLY1305
FIRST CODE COMMIT

OCT 19, 2011

FRANK DENIS AKA JEDISCT1

17D8DD0
FIRST PUBLIC RELEASE

DECEMBER 6, 2011

DNSCRYPT-PROXY BINARY ONLY
UI FOR OSX, WINDOWS, LINUX COME LATER
FIRST **ENCRYPTION IS NOT ENOUGH** RESPONSE

**DECEMBER 8, 2011**

**BEN APRIL, TREND MICRO**

DNSCRYPT.WRAPPER

NOVEMBER 25, 2012

INTERMEDIARY BETWEEN CLIENT AND RESOLVER TO ADD DNSCRYPT CAPABILITIES
OPENDNS ROAMING CLIENT
DECEMBER 14, 2012
OFF-NETWORK PROTECTION FOR ROAMING/REMOTE USERS
ACTIVE DIRECTORY INTEGRATION
DNSDIST SUPPORTS DNSCRYPT

DECEMBER 21, 2015

V1.1.0
YANDEX SUPPORTS DNSCRYPT

MARCH 29, 2016

SUPPORTED IN THEIR BROWSER
INTEGRATED DNSCRYPT IN ANYCONNECT

JULY 8, 2016

REPLACING MUCH OF THE ROAMING CLIENT BASE, SAME USE CASE
DNSCrypt on iOS
QUAD9 SUPPORTS DNSSCRIPT

DECEMBER 2018

LATEST BIG PROVIDER
WHERE ARE WE?
40 PROVIDERS
- Yandex
- OpenNIC
- Quad9
- SecureDNS
- AdGuard
- CleanBrowsing
- Scaleway
- Dnscrypt.(nl|eu|org|uk|me|ca)
>3M OPENDNS ENDPOINTS
WHAT ABOUT DOT/DOH?
QUESTIONS?