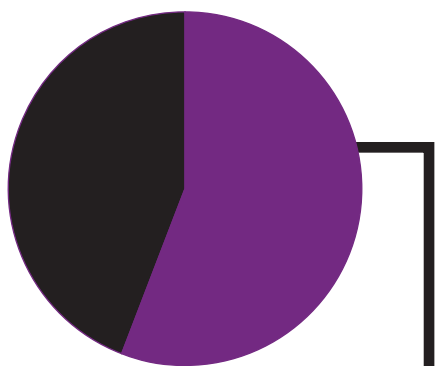


# DNS UNDER ATTACK

The DNS is part of the multi-vector attack

Increase in DDoS attacks in 2016<sup>1</sup>

85%



56%

of all attacks are multi-vector<sup>2</sup>



169%

Increase in attacks on the infrastructure layer<sup>2</sup>



39%

Of companies require more than **10 people** to respond to an attack<sup>3</sup>



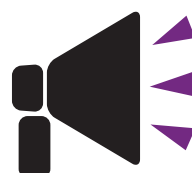
75%

Of attacks are on UDP - including DNS<sup>4</sup>



92%

Increase in DNS based traffic in 2016<sup>5</sup>



84%

Of managers reported that the DNS was used for amplification attacks<sup>2</sup>

DATA SOURCED FROM:

<sup>1</sup>[www.circleid.com/posts/20160310\\_verisign\\_releases\\_q4\\_2015\\_ddos\\_trends\\_ddos\\_attack\\_activity/](http://www.circleid.com/posts/20160310_verisign_releases_q4_2015_ddos_trends_ddos_attack_activity/)

<sup>2</sup>[www.arbornetworks.com/insight-into-the-global-threat-landscape](http://www.arbornetworks.com/insight-into-the-global-threat-landscape)

<sup>3</sup>[www.neustar.biz/ddos-attacks-report](http://www.neustar.biz/ddos-attacks-report)

<sup>4</sup>[blogs.verisign.com/blog/entry/verisign\\_q4\\_2015\\_ddos\\_trends](http://blogs.verisign.com/blog/entry/verisign_q4_2015_ddos_trends)

<sup>5</sup> Akami: [stateoftheinternet.com/security-report](http://stateoftheinternet.com/security-report)

<sup>6</sup> [technet.microsoft.com/en-ca/security/hh972393.aspx](http://technet.microsoft.com/en-ca/security/hh972393.aspx)

<sup>7</sup> [incapsula.com/ddos-report/ddos-report-q4-2015.html](http://incapsula.com/ddos-report/ddos-report-q4-2015.html)

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# PROTECT THE DNS



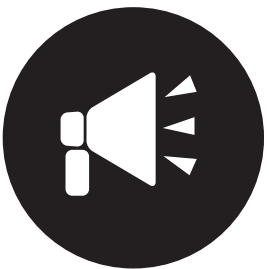
**34%** Of organizations saw attacks on their DNS<sup>2</sup>



**13%** Of attacks were DNS amplification; part of a 25% increase in network layer attacks<sup>7</sup>



**1/4** Of companies reported a loss of customer trust and brand damage from DDoS<sup>3</sup>



**60x** Amplification impact made possible by the growth in the DNSSEC standard<sup>6</sup>



NEED MORE INFORMATION ABOUT DNS PROTECTION  
FOR CANADIAN AND GLOBAL OPERATIONS?  
[INFO@D-ZONE.CA](mailto:INFO@D-ZONE.CA)