

# official Top Level Domains

## DNS with TLD

Lesestoff zu Best practises

- bind9
  - Load Balancing A-Records: [https://bind9.readthedocs.io/en/v9\\_16\\_6/configuration.html#load-balancing](https://bind9.readthedocs.io/en/v9_16_6/configuration.html#load-balancing)
  - Geo IP: <https://kb.isc.org/docs/aa-01149>
    - <https://geoip.site/>
- highly-available-bind-dns-cluster-design-million-users : <https://www.root101.net/highly-available-bind-dns-cluster-design-million-users/>
- BCP16 document : <https://www.rfc-editor.org/bcp/bcp16.txt>
- Secure and HA DNS Infrastructure: <https://insights.sei.cmu.edu/blog/six-best-practices-for-securing-a-robust-domain-name-system-dns-infrastructure/>
- DNS Erklärung und Security Empfehlungen: <https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-81-2.pdf>
  - Absatz 7.2.7 -> hidden primary DNS server
- Serverfault 01 : <https://serverfault.com/questions/17255/top-level-domain-domain-suffix-for-private-network>
  - DNS Konzept with Subzones: <https://serverfault.com/a/17730>
  - Verweis auf AWS und GCP : <https://serverfault.com/a/1041148>
- ANSSI's recommendations : <https://news.gandi.net/en/2021/06/dns-server-management-how-gandi-helps-businesses-follow-anssis-recommendations/>
- NS1:
  - dns-failover-basic-concepts-and-limitations <https://ns1.com/resources/dns-failover-basic-concepts-and-limitations>
  - Integration of Managed DNS Service as Load and DDoS Protection: <https://ns1.com/resources/primary-dns-vs-secondary-dns-and-advanced-use-cases>
- A DNS load balanced HA cluster with Bind9 and BalanceNG : <https://load-balancer.inlab.net/examples/a-dns-load-balanced-ha-cluster-with-bind9-and-balanceng/>

# TLD vs interne IPs

\* <https://www.rfc-editor.org/rfc/rfc6762#appendix-G>

\* oTLD für Tests:

\*\* <https://www.rfc-editor.org/rfc/rfc2606#section-2>

\*\* <https://datatracker.ietf.org/doc/html/rfc6761#section-6.2>

\* oTLD, die noch nicht offiziell freigegeben sind bereits intern nutzen:

<https://isc.sans.edu/forums/diary/Stop+Using+internal+Top+Level+Domain+Names/21095/>

\* DNS Schwachstellen: <https://www.varonis.com/de/blog/was-dns-ist-wie-es-funktioniert-und-schwachstellen>

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Revision #9

Created 31 March 2022 10:10:36 by David

Updated 5 September 2022 05:11:21 by David