

DNS Subdomain Example Lessee

Subdomain name: games.horgoth.com

Authoritative Servers: 144.38.214.2 (master)
144.38.214.3 (slave)

Registrar : horgoth.com authoritative servers

Host names

IPS

NS1

144.38.214.23

NS2

144.38.214.3

empire

144.38.214.11

tetris

144.38.214.12

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Setup Steps

- 1- Arrange for subdomain from registrar.
- 2- Configure one authoritative master.
- 3- Configure one or more authoritative slaves.
- 4- Give authoritative server information to registrar.
- 5- Test.

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Authoritative Master Setup

1- Same as for primary domain.

It's OK for new names to point to existing addresses.

e.g. nsl.gameshorgoth.com and nsl.dsutux.us both

have A records for 144.38.214.2

It's OK for names to translate to IPs that aren't used yet.

Authoritative Slave Setup

1- Same as for primary domain.

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Register with registrar

- 1- Create message with subdomain name, authoritative server names and IPs.
- 2- Give message to registrar.
- 3- Wait for confirmation from registrar.
- 4- Test delegation.

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Testing

- 1- Testing is the same as with primary domain.
- 2 - Additionally, Registrar's authoritative servers should be queried individually (master and slave) to be sure both have correct data.