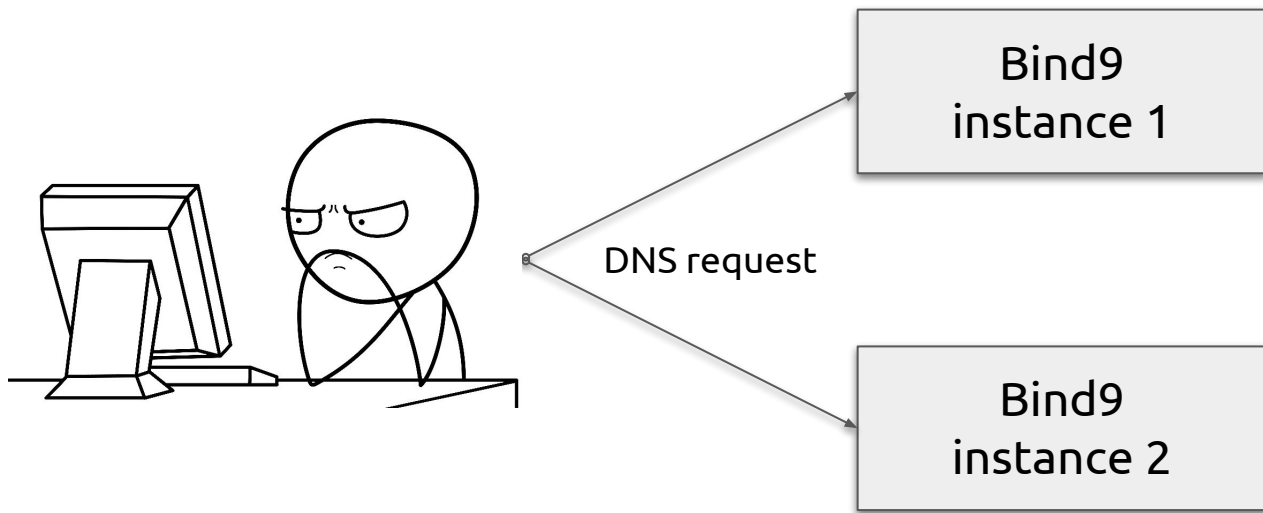


# IT Infrastructure services

Roman Kuchin  
Juri Hudolejev  
2020

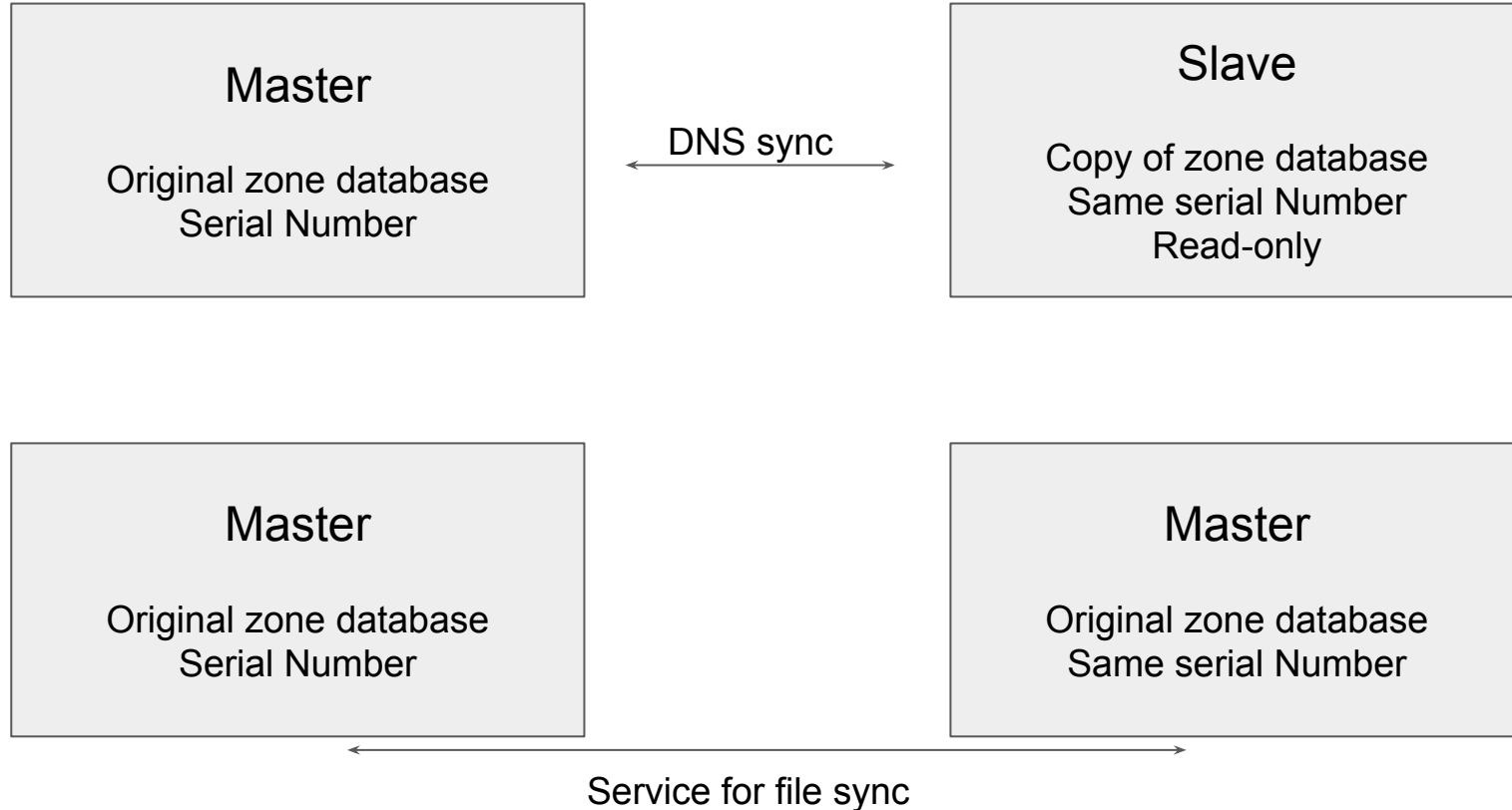
Everything should die!

# DNS redundancy: round-robin



```
$ cat /etc/resolv.conf  
nameserver 10.0.0.1  
nameserver 10.0.0.2
```

# HA setups



# SOA record

Example of zone database:

```
$TTL 604800
example.com.      IN      SOA      vm1.example.com. admin.example.com. (
                    1          ; Serial
                    604800     ; Refresh
                    86400      ; Retry
                    2419200     ; Expire
                    604800      ; Negative Cache TTL
);
example.com.      IN      NS       vm1
example.com.      IN      NS       vm2
vm1                IN      A        10.0.0.1
vm2                IN      A        10.0.0.2
```

Example of SOA request:

```
$ dig soa +short google.com
ns1.google.com. dns-admin.google.com. 344600895 900 900 1800 60
```

# Our HA setup

