Bad.example.com: Round #2

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Demotivating quote

> Success, like a captivating journey, often unveils unforeseen dangers along the path to greatness.

— ChatGPT. Stolen from someone

Sweet moments

Figure 1. You are the master/mistress of the Universe!!

Everything works and your boss is so happy, that wants to expand the DNS configuration with real servers, mail servers, alias, cloud, everything!!

The budget is ONE MILLION Zimbabwean dollars ($1,000,000). After buying one server all you have is 30 euros left. Not a lot of money for the DNS configuration...

What if you give your *Simiret* colleagues a second chance? After all, they are good people and have apologized for the previous mistake. Everyone deserves a second chance.

You write an specification of what you want and send it to the company Simiret with 20 euros.

The specification

Your detailed specification of the DNS

```
Hi Guys, I send you the specification of our DNS configuration. This
is what I want:

- `bad` is our authorized DNS server with IP
  `192.168.57.2`.

- `worst` is our Zimbabwean server with IP `192.168.57.3`. An
  outstanding Lenovo IdeaCentre with an AMD Ryzen 5 5600H, 8 GB RAM,
```

```
   1TB NV2 NVMe and a GeForce RTX 4090, well balanced and ready for
   cloud computing.

 - `www.example.com` will be an alias to our `worst` server.

 - Don't forget to add an email record for our domain with priority
    `90`. Our email server will be the `worst`. No questions, you know
    how to do it.

 - `worst` will be also our secundary nameserver. Restric transfers
   from `bad` to `worst`. We are committed to security.

 - By the way, restrict recursive queries to the localhost, the local
   nets and the network `192.168.57.0/24`.

 - We need the reverse zone, of course.

That's all. Nothing more.

Kind regards,

Your Sysadmin.
```

As part of the specification write the queries with `dig` or `nslookup` to test that everything is correct.

Example spec test

```
# www.google.com must have an A record
# Expected: 142.250.184.4
dig +short www.google.com
```

Put this text on Moodle.

Nobody expected …

The new `bad.example.com.round.2.zip` file arrived

```
vagrant up
```

and it's running.

Pass your tests. If everything is OK send the files to Moodle and go to the pub, but if not … Hurry up! Fix the configuration files until it pass your tests.

1. Write in Moodle if you found any error, how you fix it.

2. Upload the corrected files to moodle

3. Show to your teacher how it pass the tests.

Comments and suggestions

You can direct any kind of comment or suggestion about this document to the documentation team mailing list: fraya@ieszaidinvergeles.org If you're complaining send your comments to `/dev/null`.

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