Docker-Mail

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Containerization of application and services
Docker-Mail

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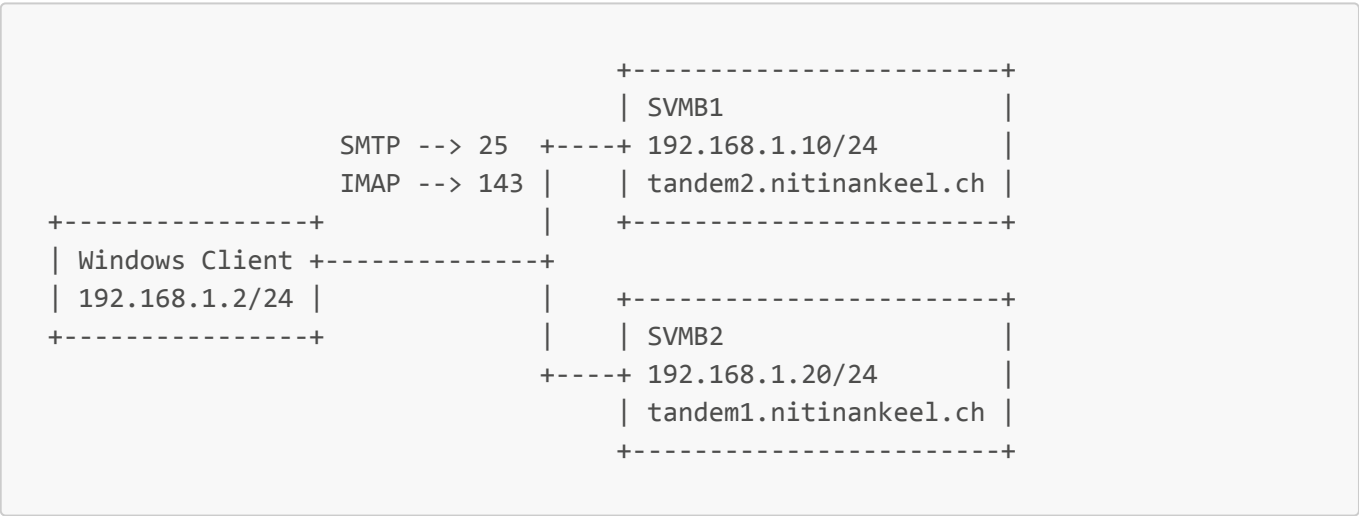
Concept

Requirements:

- Vagrant
- VirtualBox
- Git
- Vagrant plugin

Networkdiagramm

```
                                    +-----------------------+
                                    | SVMB1                 |
                     SMTP --> 25  +----+ 192.168.1.10/24       |
                     IMAP --> 143 |    | tandem2.nitinankeel.ch |
+----------------+                |    +-----------------------+
| Windows Client +--------------+
| 192.168.1.2/24 |              |    +-----------------------+
+----------------+              |    | SVMB2                 |
                              +----+ 192.168.1.20/24       |
                                    | tandem1.nitinankeel.ch |
                                    +-----------------------+
```

DNS Records

```
+-------------------------------------------------------------+
| DNS Server                                                  |
| ns1.hostserv.eu                                             |
|                                                             |
| A Record                                                    |
| mail.tandem1.nitinankeel.ch ==> 192.168.1.10/24             |
| mail.tandem2.nitinankeel.ch ==> 192.168.1.20/24             |
| tandem1.nitinankeel.ch      ==> 192.168.1.10/24             |
| tandem2.nitinankeel.ch      ==> 192.168.1.20/24             |
|                                                             |
| MX Record                                                   |
| tandem1.nitinankeel.ch      ==> mail.tandem1.nitinankeel.ch |
| tandem2.nitinankeel.ch      ==> mail.tandem2.nitinankeel.ch |
+-------------------------------------------------------------+
```

Setup folders and required files

```
.
├── tandem1
│   ├── docker-compose.yml
│   └── user.sh
├── tandem2
│   ├── docker-compose.yml
│   └── user.sh
├── LICENSE (GPLv2)
└── Vagrantfile                  # Vagrant file
```

Vagrantfile

Testing

Project review