ansible-tine

out of the box mailserver, crm, cms solution

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`https://www.entroserv.de/de/offene-software/ansible-tine`

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EH19

Content

Motivation

→ **let's run a startup company** ←
We need:

- Webpage (CMS)
- E-Mail (Mailserver, Spamfilter)
- Mailinglist
- Groupware, CRM
- **and the s for security**

DeMotivation

→ **let's run a startup company** ←

IT-Infrastructure:

- Cloud Solution
    - DSGVO?
    - Lock-In?
    - Security?
    - price?
- Self-Hosted
    - Installation?
    - Configuration?
    - Updates?
    - Backups?
    - Documentation?
    - Will it work?
- Self-Hosted using integrated solution
    - everything fully supported?
    - price?
- Dedicated-Hosting by IT-Service
    - price?

We need

. . . to get ready **NOW**

- ▶ **self-hosted** but:
- ▶ easy to install
- ▶ easy to configure
- ▶ easy to integrate
- ▶ useful defaults

$\rightarrow$ Fill out form and click **START**

We need

. . . useful **TOOLS** and **FEATURES**

- ▶ E-Mail (Webmail, SMTP, IMAP, Exchange)
- ▶ Default signature
- ▶ Multiuser + Frontend for administration
- ▶ Mail-Alias
- ▶ Quota
- ▶ Sieve integration
- ▶ Spamfilter with Learning (integrated in Mailclient)
- ▶ Autoconfig (Thunderbird), Autodiscovery (ActiveSync)
- ▶ Calendar (Web, Caldav and ActiveSync)
- ▶ Addressbook (synced)
- ▶ Mailinglist
- ▶ TLS, TLSA, DKIM, DMARC, SPF, ADSP, ARC
- ▶ Filestorage
- ▶ Backup
- ▶ Flatfile CMS

We need

... some nice to have tools

- ▶ Human Resource Management
- ▶ CRM
- ▶ Timekeeping
- ▶ Base data
- ▶ Sales
- ▶ Task Planning
- ▶ Inventory management

Components

- Tine 2.0
- Apache2
- Postfix
- Dovecot
- Sieve
- MySQL/Mariadb
- Rspamd
- Mailman
- Cryptdomainmgr (+ dehydrated)
- Cron
- Ansible
- inwx.de
- Letsencrypt
- Grav

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Components

- Tine 2.0
    - Accountmanagement, Administration
    - ActiveSync, Exchange
    - Caldav
    - Carddav
    - Groupware, CRM and additional tools
    - Webmail
    - Filestorage
- Apache2
    - Web-UIs
    - Webpage
    - PHP
    - TLS
- Postfix
    - SMTP
- Dovecot
    - IMAP
- Sieve
    - Filtering
    - Control remote spam/ham learning
- MySQL/Mariadb

Getting started

Domain

Currently only Internetworx (`inwx.de`) supported;
No reseller support yet

- ▶ create account
    - ▶ username and password for automatic update needed
    - ▶ individual account for client required
- ▶ register domain

Getting started

Smallest V-Server (1 GB RAM, 50 GB SSD)

- install full Server Ubuntu 18.04 or Debian 9
- enable SSH root access

Getting started

Ansible
hostname: "pserver"tld: ëntroserv.deßubdomain: " tld ßervername:
"pserver"domain: " servername . subdomain "tinedomains: -
"tine20. subdomain "rspamddomains: - "rspamd. subdomain
ëmaildomain: " subdomain "

Discussion

???