

Univention Corporate Server (UCS)

Siehe auch:

<https://reichert.pro/kopano-installation-auf-basis-von-univention/>

<https://www.univention.de/blog-de/2018/06/einrichtung-eines-leistungstarken-ucs-home-server-mit-owncloud-kopano-lets-encrypt/>

Notizen von der Installation

https://docs.nextcloud.com/server/14/admin_manual/issues/general_troubleshooting.html#service-discovery

Kopano

Änderungen:

1. Zeile 113: Anzeige der Public Contact aktiviert

[/etc/kopano/webapp/config.php](#)

```
define("DISABLE_PUBLIC_CONTACT_FOLDERS", false);
```

2. Einmal `update-ca-certificates` ausführen, damit das Let's Encrypt Root Zertifikat in `/etc/ssl/certs` verlinkt wird.
3. Let's Encrypt Zertifikat für den IMAP Server kopieren:

```
cd /etc/kopano/ssl
cp /etc/univention/letsencrypt/signed_chain.crt cert.pem
cp /etc/univention/letsencrypt/domain.key private.key
chown kopano:kopano *
chmod 640 cert.pem
chmod 600 private.key
service kopano-gateway stop
service kopano-gateway start
```

Für alle User erledigen:



- Kategorien benennen und einrichten
- Öffentliche Ordner einbinden

Kopano Web Meeting

Kopano Web Meetings is now installed and ready for use.

By default the Web Meetings WebApp plugin is not activated for all users. Every user can configure it by himself in the WebApp settings. However you can change this by setting:

```
kopano-meetings/plugin/enable='True'
```

In the current configuration there is no turnserver configured, so Web Meetings will only work between users within networks, where direct connections are allowed.

Kopano can provide a turnserver. To configure it set the following ucr variables:

```
kopano-meetings/plugin/turn_use_kopano_service='True'
kopano-meetings/plugin/turn_auth_user='[user provided by Kopano]'
kopano-meetings/plugin/turn_auth_password='[password provided by Kopano]'
```

Access to Kopanos Turn service can be requested at:

<https://portal.kopano.com/content/turn-server-access-request>

Another possibility is to setup your own turnserver. In such a case we recommend to use the coturn TURN Servers.

To configure Kopano Web Meetings using your own turnserver please set the following ucr variables:

```
kopano-meetings/spread/configSpreadTurn=True
kopano-meetings/spread/stunURIs
kopano-meetings/spread/turnURIs
kopano-meetings/spread/turnSecret
```

Further information can be found here wiki.z-hub.io.

Domänen

moppert.de.	258235	IN	NS	b1.wpns.hosteurope.de.
moppert.de.	258235	IN	NS	b1.wsns.hosteurope.de.
moppert.de.	85435	IN	MX	10 mail.moppert.de.
moppert.de.	85435	IN	MX	50 mx0.moppert.de.
moppert.de.	85435	IN	TXT	"v=spf1 ip4:188.68.41.75

```
ip4:80.237.138.5 ip4:5.252.227.0 ~all"
moppert.de. 1595 IN SOA b1.wpns.hosteurope.de.
hostmaster.moppert.de. 2020011309 16384 2048 1048576 2560
moppert.de. 85435 IN A 80.237.132.79
box.moppert.de. 86116 IN A 188.68.41.75
candy.moppert.de. 86216 IN A 188.68.41.75
familie.moppert.de. 86400 IN A 188.68.41.75
ftp.moppert.de. 86400 IN A 80.237.132.79
ftp.moppert.de. 86400 IN AAAA
2a01:488:42:1000:50ed:844f:c6:3e82
kiefer.moppert.de. 86400 IN A 188.68.41.75
mail.moppert.de. 85435 IN A 188.68.41.75
mx0.moppert.de. 85435 IN A 80.237.138.5
wiki.moppert.de. 86400 IN A 188.68.41.75
www.moppert.de. 107 IN A 5.252.227.0
```

```
fliesenwolff.de. 259200 IN NS ns1.hans.hosteurope.de.
fliesenwolff.de. 259200 IN NS ns2.hans.hosteurope.de.
fliesenwolff.de. 86400 IN MX 50 mx0.fliesenwolff.de.
fliesenwolff.de. 86400 IN TXT "google-site-
verification=ZMTLaVEQxF04qYuiwbCqC_8sIAklpEbVQuZikv4yMvI"
fliesenwolff.de. 2560 IN SOA ns1.hans.hosteurope.de.
hostmaster.fliesenwolff.de. 2018020819 16384 2048 1048576 2560
fliesenwolff.de. 86400 IN A 80.237.133.55
fliesenwolff.de. 86400 IN AAAA
2a01:488:42:1000:50ed:8537:ffb0:e8a5
ftp.fliesenwolff.de. 86400 IN A 80.237.133.55
ftp.fliesenwolff.de. 86400 IN AAAA
2a01:488:42:1000:50ed:8537:ffb0:e8a5
mail.fliesenwolff.de. 86400 IN A 80.237.133.55
mail.fliesenwolff.de. 86400 IN AAAA
2a01:488:42:1000:50ed:8537:ffb0:e8a5
mailout.fliesenwolff.de. 86400 IN A 80.237.133.55
mailout.fliesenwolff.de. 86400 IN AAAA
2a01:488:42:1000:50ed:8537:ffb0:e8a5
mx0.fliesenwolff.de. 86400 IN A 80.237.138.5
www.fliesenwolff.de. 86400 IN TXT "google-site-
verification=ZMTLaVEQxF04qYuiwbCqC_8sIAklpEbVQuZikv4yMvI"
www.fliesenwolff.de. 86400 IN A 80.237.133.55
www.fliesenwolff.de. 86400 IN AAAA
2a01:488:42:1000:50ed:8537:ffb0:e8a5
```

E-Mail Signaturen mit DKIM

siehe auch:

<https://help.univention.com/t/how-to-kopano-ucs-4-4-latest-install-dkim-support/11725/3>

<https://www.cubewerk.de/2017/12/04/spf-und-dkim-mit-univention-ucs-server/>

<https://kofler.info/dkim-konfiguration-fuer-postfix/>

Virtueller Server

Netcup	RS 1000 G8
Virtualisierung	KVM
Prozessor	2 x Xeon bis 3,9 GHz
RAM	8 GB
Festplatte	40 GB SSD
Kosten	7,- € pro Monat
Zusätzlicher Storage	
Größe	250 GB
Protokoll	NFS
Kosten	5,- € pro Monat

Software Pakete

dudle	Gemeinsame Termine finden à la Doodle
fetchmail	Mail von anderen Servern abholen
Kopano Core Kopano WebApp Z-Push Kopano	Open Source PIM Lösung
Let's Encrypt	SSL Zertifikate
Nagios	Server und Dienste Monitoren
OnlyOffice	Online Dokumente im Browser bearbeiten
Wekan	Scrum-Board
WordPress	Web-CMS
Seafile	File Synchronisation über mehrere Hosts
optional	
Bareos Backup Server	Backup und Datensicherung
GitLab	???
PrivacyIDEA	zusätzlicher 2FA Schutz beim Anmelden

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