

# Konfiguration des Servers unter Gentoo

Installation des Servers mit den richtigen Useflags:

```
emerge -va app-crypt/mit-krb5 # keyutils openldap pkinit threads
```

In LDAP die Schematas nicht vergessen zu aktivieren. Es gibt zwei Konfigurationsverzeichnisse:

```
/etc/krb5.*  
/var/lib/krb5kdc
```

## Konfigdateien

### krb5.conf

```
nano /etc/krb5.conf
```

```
[libdefaults]  
    default_realm = OSIT.CC  
  
[realms]  
# use "kdc = ..." if realm admins haven't put SRV records into DNS  
    OSIT.CC = {  
        kdc = itmgmt.osit.cc  
        admin_server = itmgmt.osit.cc  
    }  
  
#[domain_realm]  
#    mit.edu = ATHENA.MIT.EDU  
#    csail.mit.edu = CSAIL.MIT.EDU  
#    .ucsc.edu = CATS.UCSC.EDU  
  
[logging]  
#    kdc = CONSOLE
```

### kdc.conf

```
nano /var/lib/krb5kdc/kdc.conf
```

```
[kdcdefaults]
```

```
kdc_ports = 750,88
```

```
[realms]
```

```
OSIT.CC = {
    database_name = /var/lib/krb5kdc/principal
    admin_keytab = FILE:/var/lib/krb5kdc/kadm5.keytab
    dict_file = /var/lib/krb5kdc/kadm5.dict
    acl_file = /var/lib/krb5kdc/kadm5.acl
    -     key_stash_file = /var/lib/krb5kdc/.k5.OSIT.CC
    -     master_key_name = /var/lib/krb5kdc/m-key
    kdc_ports = 750,88
    max_life = 10h 0m 0s
    max_renewable_life = 7d 0h 0m 0s
}
```

[logging]

```
kdc = FILE:/var/log/krb5/kdc.log
admin_server = FILE:/var/log/krb5/kadmin.log
```

[appdefaults]

```
pam = {
    ticket_lifetime = 1d
    renew_lifetime = 1d
    forwardable = true
    proxiable = false
    retain_after_close = false
    minimum_uid = 0
    try_first_pass = true
}
```

</pre>

## kadm5.acl

```
*/admin@OSIT.CC *
*@OSIT.CC cil
*/*@OSIT.CC i
```

Um exklusivere ACLs zu gestalten kann man sich die Datei **kadm5.acl.example** zu Gemüte führen.

## Anlegen der Datenbank

```
kdb5_util create -r OSIT.CC -s
```

Das ganze dauert gut 5-8 Minuten, danach wird das Passwort festgelegt. Um das ganze nicht zu sehr zu verkomplizieren sollten wir hier das Passwort des LDAPadmins verwenden.

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