

# CentOS 7 GSSAPI module

The GSSPI module has been built as a replacement for the aging mod\_auth\_kerb. Its aim is to use only GSSAPI calls and be as much as possible agnostic of the actual mechanism used.

## Installing packages

```
yum install -y epel-release
yum install -y krb5-workstation krb5-devel krb5-libs mod_auth_gssapi mod_session
```

Prepare a `/etc/krb5.conf` against the AD environment

```
includedir /etc/krb5.conf.d/

[logging]
default = FILE:/var/log/krb5libs.log
kdc = FILE:/var/log/krb5kdc.log
admin_server = FILE:/var/log/kadmind.log

[libdefaults]
default_realm = SAMPLE.COM
default_tkt_enctypes = aes256-cts-hmac-sha1-96 aes256-cts aes128-cts-hmac-sha1-96 aes128-cts rc4-hmac
default_tgs_enctypes = aes256-cts-hmac-sha1-96 aes256-cts aes128-cts-hmac-sha1-96 aes128-cts rc4-hmac
permitted_enctypes = aes256-cts-hmac-sha1-96 aes256-cts aes128-cts-hmac-sha1-96 aes128-cts rc4-hmac
forwardable = true
dns_lookup_realm = false
dns_lookup_kdc = false

[realms]
SAMPLE.COM = {
    kdc = domainc1.sample.com
    default_domain = SAMPLE.COM
}

[domain_realm]
.SAMPLE.COM = SAMPLE.COM
SAMPLE.COM = SAMPLE.COM
```

Check the time. Kerberos is extremely time sensitive.

```
ntpdate domainc1.sample.com
```

Test the login

```
kinit Administrator@SAMPLE.COM
```

```
klist
```

```
kdestroy
```

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