



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'X509_check_issued.3oss1' command

\$ man X509_check_issued.3oss1

X509_CHECK_ISSUED(3oss1) OpenSSL X509_CHECK_ISSUED(3oss1)

NAME

X509_check_issued - checks if certificate is apparently issued by another certificate

SYNOPSIS

```
#include <openssl/x509v3.h>
```

```
int X509_check_issued(X509 *issuer, X509 *subject);
```

DESCRIPTION

X509_check_issued() checks if certificate subject was apparently issued using (CA) certificate issuer. This function takes into account not only matching of the issuer field of subject with the subject field of issuer, but also compares all sub-fields of the authorityKeyIdentifier extension of subject, as far as present, with the respective subjectKeyIdentifier, serial number, and issuer fields of issuer, as far as present. It also checks if the keyUsage field (if present) of issuer allows certificate signing. It does not actually check the certificate signature. An error is returned if the issuer or the subject are incomplete certificates.

RETURN VALUES

X509_check_issued() returns X509_V_OK if all checks are successful or some X509_V_ERR* constant to indicate an error.

SEE ALSO

X509_verify_cert(3), X509_verify(3), X509_check_ca(3),
openssl-verify(1), X509_self_signed(3)

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