

NAME

ldap_start_tls, ldap_start_tls_s, ldap_tls_inplace, ldap_install_tls - LDAP TLS initialization routines

LIBRARY

OpenLDAP LDAP (libldap, -lldap)

SYNOPSIS

```
#include <ldap.h>
```

```
int ldap_start_tls(LDAP *ld);
```

```
int ldap_start_tls_s(LDAP *ld, LDAPControl **serverctrls, LDAPControl **clientctrls);
```

```
int ldap_tls_inplace(LDAP *ld);
```

```
int ldap_install_tls(LDAP *ld);
```

DESCRIPTION

These routines are used to initiate TLS processing on an LDAP session. **ldap_start_tls_s()** sends a StartTLS request to a server, waits for the reply, and then installs TLS handlers on the session if the request succeeded. The routine returns **LDAP_SUCCESS** if everything succeeded, otherwise it returns an LDAP error code. **ldap_start_tls()** sends a StartTLS request to a server and does nothing else. It returns **LDAP_SUCCESS** if the request was sent successfully. **ldap_tls_inplace()** returns 1 if TLS handlers have been installed on the specified session, 0 otherwise. **ldap_install_tls()** installs the TLS handlers on the given session. It returns **LDAP_LOCAL_ERROR** if TLS is already installed.

SEE ALSO

ldap(3), **ldap_error(3)**

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<<http://www.openldap.org/>>. **OpenLDAP Software** is derived from the University of Michigan LDAP 3.3 Release.