

**NAME**

gnutls\_ecc\_curve\_set\_enabled - API function

**SYNOPSIS**

```
#include <gnutls/gnutls.h>
```

```
int gnutls_ecc_curve_set_enabled(gnutls_ecc_curve_t curve, unsigned int enabled);
```

**ARGUMENTS**

gnutls\_ecc\_curve\_t curve  
is an ECC curve

unsigned int enabled  
whether to enable the curve

**DESCRIPTION**

Modify the previous system wide setting that marked *curve* as enabled or disabled. Calling this function is allowed only if allowlisting mode is set in the configuration file, and only if the system-wide TLS priority string has not been initialized yet. The intended usage is to provide applications with a way to expressly deviate from the distribution or site defaults inherited from the configuration file. The modification is composable with further modifications performed through the priority string mechanism.

This function is not thread-safe and is intended to be called in the main thread at the beginning of the process execution.

**RETURNS**

0 on success or negative error code otherwise.

**SINCE**

3.7.3

**REPORTING BUGS**

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

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**SEE ALSO**

The full documentation for **gnutls** is maintained as a Texinfo manual. If the /usr/local/share/doc/gnutls/ directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>