

LMX_SetOption

The information on this page refers to LM-X v5.4 or newer, which introduced LMX_OPT_TRIAL_CLOUD_HOST.

The LMX_SetOption function sets flags that change licensing behavior prior to license checkout.

Prototype

```
LMX_STATUS LMX_SetOption
(
    LMX_HANDLE LmxHandle,
    LMX_SETTINGS eOption,
    const void *pSetting
);
```

Parameters

LmxHandle

[in/out] LM-X handle.

eOption

See the eOption information for the specific option, listed below.

pSetting

See the Setting information for the specific option, listed below.

Note: To avoid warnings when using the pSetting parameter, you can typecast it to the type (LMX_OPTION).

LMX_SetOption functions

The functions for LMX_SetOption are listed below.

Note: Unless otherwise specified, the LMX_SetOption options affect checkout requests.

- [LMX_OPT_ALLOW_BORROW](#)
- [LMX_OPT_ALLOW_CHECKOUT_LESS_LICENSES](#)
- [LMX_OPT_ALLOW_GRACE](#)
- [LMX_OPT_ALLOW_MULTIPLE_SERVERS](#)
- [LMX_OPT_AUTOMATIC_HEARTBEAT_ATTEMPTS](#)
- [LMX_OPT_AUTOMATIC_HEARTBEAT_INTERVAL](#)
- [LMX_OPT_BIND_ADDRESS](#)
- [LMX_OPT_BLACKLIST](#)
- [LMX_OPT_CLIENT_HOSTIDS_TO_SERVER](#)
- [LMX_OPT_CUSTOM_HOSTID_FUNCTION](#)
- [LMX_OPT_CUSTOM_HOSTNAME](#)
- [LMX_OPT_CUSTOM_SHARE_STRING](#)
- [LMX_OPT_CUSTOM_USERNAME](#)
- [LMX_OPT_EXACT_VERSION](#)
- [LMX_OPT_HEARTBEAT_CALLBACK_VENDORDATA](#)
- [LMX_OPT_HEARTBEAT_CHECKOUT_FAILURE_FUNCTION](#)
- [LMX_OPT_HEARTBEAT_CHECKOUT_SUCCESS_FUNCTION](#)
- [LMX_OPT_HEARTBEAT_CONNECTION_LOST_FUNCTION](#)
- [LMX_OPT_HEARTBEAT_EXIT_FUNCTION](#)
- [LMX_OPT_HEARTBEAT_RETRY_FEATURE_FUNCTION](#)
- [LMX_OPT_HOSTID_CACHE_CLEANUP_INTERVAL](#)
- [LMX_OPT_HOSTID_COMPARE_FUNCTION](#)
- [LMX_OPT_HOSTID_DISABLED](#)
- [LMX_OPT_HOSTID_ENABLED](#)
- [LMX_OPT_HOSTID_ETHERNET_VIRTUAL_ADAPTER_FILTERING](#)
- [LMX_OPT_LICENSE_IDLE](#)
- [LMX_OPT_LICENSE_PATH](#)
- [LMX_OPT_LICENSE_STRING](#)
- [LMX_OPT_RESERVATION_TOKEN](#)
- [LMX_OPT_SERVERSIDE_REQUEST_STRING](#)
- [LMX_OPT_TRIAL_CLOUD_HOST](#)
- [LMX_OPT_TRIAL_DAYS](#)
- [LMX_OPT_TRIAL_TERMINAL_SERVER](#)
- [LMX_OPT_TRIAL_USES](#)
- [LMX_OPT_TRIAL_VIRTUAL_MACHINE](#)

Return values

On success, this function returns the status code LMX_SUCCESS.

On failure, this function returns an error code in the format described in [SOAP API return codes](#).

Remarks

Note that some of the flags are used in combination with checkout requests. This enables you to set flags for single checkout requests if needed.

Example

The following example shows the use of LMX_SetOption by activating and deactivating [LMX_OPT_EXACT_VERSION](#).

```
#include <lmx.h>
#include <stdio.h>

LMX_HANDLE h;

int main()
{
    exit_on_error(LMX_Init(&h));
    /* First checkout request requires an exact version match to pass */
    exit_on_error(LMX_SetOption(h, LMX_OPT_EXACT_VERSION, (LMX_OPTION) 1));
    exit_on_error(LMX_Checkout(h, "f2", 1, 0, 1));

    /* Second checkout request does not require an exact version match to pass
       and can request a version up to the one specified in the .lic file */
    exit_on_error(LMX_SetOption(h, LMX_OPT_EXACT_VERSION, (LMX_OPTION) 0));
    exit_on_error(LMX_Checkout(h, "f2", 0, 5, 1));

    return 0;
}
```