



## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'TS\_RESP\_CTX\_new.3oss1' command**

**\$ man TS\_RESP\_CTX\_new.3oss1**

TS\_RESP\_CTX\_NEW(3oss1)      OpenSSL      TS\_RESP\_CTX\_NEW(3oss1)

### NAME

TS\_RESP\_CTX\_new\_ex, TS\_RESP\_CTX\_new, TS\_RESP\_CTX\_free - Timestamp  
response context object creation

### SYNOPSIS

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

```
TS_RESP_CTX *TS_RESP_CTX_new_ex(OSSL_LIB_CTX *libctx, const char *propq);
```

```
TS_RESP_CTX *TS_RESP_CTX_new(void);
```

```
void TS_RESP_CTX_free(TS_RESP_CTX *ctx);
```

### DESCRIPTION

Creates a response context that can be used for generating responses.

TS\_RESP\_CTX\_new\_ex() allocates and initializes a TS\_RESP\_CTX structure with a library context of libctx and a property query of propq. The library context and property query can be used to select which providers supply the fetched algorithms.

TS\_RESP\_CTX\_new() is similar to TS\_RESP\_CTX\_new\_ex() but sets the library context and property query to NULL. This results in the default

(NULL) library context being used for any operations requiring algorithm fetches.

TS\_RESP\_CTX\_free() frees the TS\_RESP\_CTX object ctx.

## RETURN VALUES

If the allocation fails, TS\_RESP\_CTX\_new\_ex() and TS\_RESP\_CTX\_new() return NULL, otherwise it returns a pointer to the newly allocated structure.

## HISTORY

The function TS\_RESP\_CTX\_new\_ex() was added in OpenSSL 3.0.

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