Appendix 12A
Session Multiplexor API

SESSEnumerateSvc

Description

Allows a caller to discover the currently registered session protocol modules providing session service support. Besides the unique ID of the session protocol, this call also returns a copy of the session protocol's description block which provides additional information describing the session protocol module.

Syntax

```
UINT32
SESSEnumerateSvc(
    UINT32                  *enumHandle,
    UINT32                  *sessionSvcID,
    SESS_SVC_DESC_BLOCK     *descBlk )
```

Input

enumHandle Handle to be used to retrieve the next session protocol module that has registered session service support. This value should initially be set to zero. The output of this function will be the next handle to use on subsequent calls to this function.

Output

enumHandle Handle to use on the next iteration to find the next session protocol that has registered session service support.

sessionSvcID Pointer to receive the unique ID of the next session protocol module that has registered session service support.

descBlk Pointer to data structure to receive a copy of the description block that this session protocol has registered with SessMux. This parameter can be set to NULL if this information is not needed by caller.

Return values

SUCCESS_CODE
INVALID_PARAMETER
NO_MORE_ENTRIES

Remarks

This service will return **INVALID_PARAMETER** if enumHandle is invalid. If no more session protocol modules have registered session service support then the error **NO_MORE_ENTRIES** is returned to caller.

See also

SESSRegisterSvc
SESSUnregisterSvc

SESSRegisterSvc

Description

Allows a session protocol module (such as NCP) to register its session service API support with SessMux.

Syntax

```
UINT32
SESSRegisterSvc(
    UINT32                              sessionSvcID,
    SESS_MUX_REGISTER_CALL_TABLE        *apiTable,
    SESS_SVC_DESC_BLOCK                 *descBlk )
```

Input

sessionSvcID Unique ID assigned to a session protocol module.

apiTable Pointer to array of functions that a session protocol module must implement in order to implement a session protocol independent layer.

descBlk Pointer to session protocol's description block which provides additional information describing this session protocol.

Output

None.

Return values

SUCCESS_CODE
SESSION_SVC_ALREADY_REGISTERED

See also

SESSUnregisterSessionSvc

SESSUnregisterSvc

Description

Allows a session protocol module (such as NCP) to unregister its session service API support with SessMux. A session protocol module must make this function call before unloading.

Syntax

```
UINT32
SESSUnregisterSvc(
    UINT32    sessionSvcID )
```

Input

sessionSvcID	Unique ID of session protocol module that's being unloaded.

Output

None.

Return values

SUCCESS_CODE
SESSION_SVC_NOT_REGISTERED

See also

SESSRegisterSessionSvc