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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