

# TCP Mapping Filter Context Data Types

When calling [TCPMappingFilterQueryContextData](#) or [TCPMappingFilterSetContextData](#) you specify a data value type to get or set. For queries the value is returned in a [Schema Variant](#). For setting data values, the value is specified by a pointer and optionally a length.

The possible value for data values to get/set are:

Item Type	Description	Type	strParam	Access
TCPMAPPING_DATA_SESSION_OBJ	The session relating to the current connection		NULL	Read
TCPMAPPING_DATA_USER_OBJ	The user object		NULL	Read
TCPMAPPING_DATA_SESSION_DESCRIPTION	The description of the session	Unicode string	NULL	Read/Write
TCPMAPPING_DATA_SESSION_INTERCEPTED	Was the connection intercepted	bool	NULL	Read
TCPMAPPING_DATA_SESSION_CLIENTIP	IP address of the client	Unicode string. IPv4	NULL	Read
TCPMAPPING_DATA_SESSION_CLIENTPORT	Port of the client	unsigned int	NULL	Read
TCPMAPPING_DATA_SESSION_CLIENTSECURE	Is the client using TLS to WinGate?	bool	NULL	Read
TCPMAPPING_DATA_SESSION_LOCALIP	Local IP of connected client. IPv4	Unicode string	NULL	Read
TCPMAPPING_DATA_SESSION_LOCALPORT	Local port of connected client	unsigned int	NULL	Read
TCPMAPPING_DATA_SESSION_DESTINATION	Destination name to connect to	Unicode string	NULL	Read/Write
TCPMAPPING_DATA_SESSION_DESTINATIONPORT	Destination port to connect to	unsigned int	NULL	Read/Write
TCPMAPPING_DATA_SESSION_DESTINATIONSECURE	Whether to use TLS to destination	bool	NULL	Read/Write

Read only items can be read with [TCPMappingFilterQueryContextData](#). Read/Write items can also be set with [TCPMappingFilterSetContextData](#).

Some items require additional information when being set. This information is specified in the *pData* parameter of [TCPMappingFilterSetContextData](#).

Item Type	pData type	nLen required?
TCPMAPPING_DATA_SESSION_DESCRIPTION	LPCWSTR	No
TCPMAPPING_DATA_SESSION_DESTINATION	LPCWSTR	No
TCPMAPPING_DATA_SESSION_DESTINATIONPORT	UINT *	No
TCPMAPPING_DATA_SESSION_DESTINATIONSECURE	bool *	No