



CHAPTER 38

Access Method Options and Variables Summary Tables

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Option and Variable Summaries by Platform

A summary of the options and variables that are used for each communications access method on each platform is shown in the following tables. A table identifies the access method, the name of the options and variables that are used by the access method, and the software on which it is used. It also indicates where the value of an option or a variable can be set.

Note: Included in these tables are security options and variables whose names vary according to platform and access method that are supported by Version 7 and earlier releases. They are APPCSEC, APPC_SECURE, SASSECUR, and TCPSEC. Introduced in Version 8 for Version 8 platforms is a new method for securing the SAS/CONNECT remote host and the SAS/SHARE server by means of the USER= and PASSWORD= options in selected statements. See the appropriate chapter for more information about the Version 8 implementation of USER= and PASSWORD= in selected SAS/CONNECT and SAS/SHARE statements. Version 8, however, continues to support the other security options and variables for backward compatibility. Δ

CMS Platform

The following table contains the options and variables for each communications access method for the CMS platform. This table indicates the various ways that an option or variable can be set.

Table 38.1 Options and Variables for CMS

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
APPC	APPCSEC	CS	•	•		
TCP/IP	TCPSEC	CS	•	•	•	•
	TCPTN3270	C				•
	TCPPOPTFIRST	C		•		
	TCPPOPTLAST	C		•		
	AUTHENCR	S	•	•	•	•

Macintosh Platform

The following table contains the options and variables for each communications access method for the Macintosh platform. This table indicates the various ways that an option or variable can be set.

Table 38.2 Options and Variables for the Macintosh

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
TCP/IP	TCPSEC	C			•	

OS/2 Platform

The following table contains the options and variables for each communications access method for the OS/2 platform. This table indicates the various ways that an option or variable can be set.

Table 38.3 Options and Variables for OS/2

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
APPC	APPC_LUNAME	CS	•	•		•
	APPC_LU62MODE	CS	•	•		•
	APPC_SECURE	CS	•	•		•

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
	APPC_SURROGATE	CS	•	•		•
	_LUNAME					
	APPC_USER	S	•	•		•
EHLAPI	VQDLLNAME	C	•	•		•
NetBIOS	VQMLINKS	CS	•	•		•
	VQADAPTR	CS	•	•		•
	VQCAMLEN	CS	•	•		•
	VQMCONVS	CS	•	•		•
	VQNETNAME	CS	•	•		•
SPX (Version 6 Only)	SPXMSGSIZE	CS	•	•		•
TCP/IP	TCPSEC	C	•	•	•	•
	TCPPORTFIRST	C		•		
	TCPPORTLAST	C		•		
	TCPTN3270	C		•		

OS/390 Platform

The following table contains the options and variables for each communications access method for the OS/390 platform. This table indicates the various ways that an option or variable can be set.

Table 38.4 Options and Variables for OS/390

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
APPC	APPCSEC	CS	•	•		
	LU62MODE	CS	•	•		
	LUPREFIX	CS	•	•		
	LUFIRST	CS	•	•		
	LULAST	CS	•	•		
	LUNAME	C	•	•		
	LUPOOL	C	•	•		•
TCP/IP	ICRSRLV	CS		•	•	•
	TCPIPMCH	CS		•	•	•

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
	TCPIPPRF	CS		•	•	•
	TCPSEC	CS		•	•	•
	TCPPORTFIRST	C		•		
	TCPPORTLAST	C		•		
	TCPTN3270	C		•		
VTAM	LU0SEC	S	•	•		•
	LUFIRST	S		•		
	LULAST	S		•		
	LUPREFIX	S		•		
XMS	SUBSYSID	S	•	•		•

OpenVMS Platform

The following table contains the options and variables for each communications access method for the OpenVMS platform. This table indicates the various ways that an option or variable can be set.

Table 38.5 Options and Variables for Open/VMS

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
DECnet	SASSECUR	S	• (AUTOEXEC only)		•	•
TCP/IP	TCPSEC	CS		•	•	•
	TCPPORTFIRST	C		•		
	TCPPORTLAST	C		•		
	TCPTN3270	C		•		
	AUTHENCR	S		•	•	•

UNIX Platform

The following table contains the options and variables for each communications access method for the UNIX platform. This table indicates the various ways that an option or variable can be set.

Table 38.6 Options and Variables for UNIX

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
APPC	APPC_SECURE	CS		•		•
	APPC_GATEWAY	CS		•		•
	APPC_LU	CS				•
	APPC_MODE	CS		•		•
	APPC_NET	CS		•		•
	APPC_PARTNER_COUNT	CS		•		•
	APPC_SURROGATE _LUNAME	C		•		•
	APPCSEC	CS			•	
	APPCGATE	CS			•	
	APPCLU	CS			•	
	APPCMODE	CS			•	
	APPCNET	CS			•	
TCP/IP	TCPSEC	CS		•	•	•
	TCPPORTFIRST	C		•		
	TCPPORTLAST	C		•		
	TCPTN3270	C				•
	AUTHENCR	S		•	•	•

VSE Platform

The following table contains the options and variables for each communications access method for the VSE platform. This table indicates the various ways that an option or variable can be set.

Note: The VSE platform is not supported in Version 7 and later. Δ

Table 38.7 Options and Variables for VSE

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
APPC	APPCSEC	CS	•			
	APPCAPPL*	CS				
	APPCLOGM*	CS				

* Indicates option/variable that is set at SAS initialization. See your system administrator.

Windows Platform

The following table contains the options and variables for each communications access method for the Windows platform. This table indicates the various ways that an option or variable can be set.

Table 38.8 Options and Variables for Windows

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
APPC	APPC_LUNAME	CS	•	•		•
	APPC_LU62MODE	CS	•	•		•
	APPC_SECURE	CS	•	•		•
	APPC_PARTNER_COUNT	CS	•	•		•
	APPC_SURROGATE_LUNAME	C	•	•		•
	APPC_DEPLU	C	•	•		•
	APPC_USER	S	•	•		•
CPIC (Version 6 Only)	CPIC_LU62MODE*	CS	•	•		•
	CPIC_SECURE*	CS	•	•		•
	CPIC_NET	CS	•	•		•
	CPIC_PARTNER_COUNT	CS	•	•		•
	CPIC_CONFORMANCE	CS	•	•		•
	CPIC_SURROGATE_LUNAME	C	•	•		•
	CPIC_USER	S	•	•		•
DECnet	SASSECUR	S	•	•	•	•
EHLAPI	VQDLLNAME	C	•	•		•
NetBIOS	VQMLINKS	C	•	•	•	•
	VQADAPTR	C	•	•	•	•
	VQCAMLEN	C	•	•	•	•
	VQMCONVS	C	•	•	•	•
	SASUSER	C	•	•	•	•
	SASPASS	C	•	•	•	•
	VQPNAME	S	•	•	•	•
	SASSECUR	S	•	•	•	•

Access Method	Option or Variable Name	CONNECT (C) SHARE (S)	OPTIONS Statement or AUTOEXEC File	CONFIG File or SAS Invocation	SAS Macro Variable	Env Variable
SPX (Version 6 Only)	SPXMSGSIZE	CS	•	•	•	•
	SASUSER	C	•	•	•	•
	SASPASS	C	•	•	•	•
	SASSECUR	S	•	•	•	•
TCP/IP	TCPSEC**	CS	•	•	•	•
	TCPSEL	CS	•	•	•	•
	TCPPORTFIRST	C		•		
	TCPPORTLAST	C		•		
	TCPTN3270	C		•		
	TCPMSGLEN	C		•		
	AUTHSERV	S				•
AUTHENCR	S	•	•		•	

* Indicates an option that can also be set as a CPIP-side property.

** TCPSEC is available only on Windows NT for SAS/SHARE.

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