

PCGENESIS TECHNICAL SYSTEM OPERATIONS GUIDE

11/9/2021	Section A: Setting Up a New PCGenesis
11/ // 2021	Server

Topic 3: Setting Windows® Server Environment Variables, V1.5

Revision History

Date	Version	Description	Author
11/9/2021	1.5	Release 21.03.00 – Update to include Windows Server 2022.	D. Ochala
12/06/2018	1.4	Release 18.03.01 – Reorganize the Technical System Operations Guide.	D. Ochala
06/13/2018	1.3	Release 18.02.00 – Added VerraDyne Print Manager environment variables.	D. Ochala
07/02/2014	1.2	Release 14.02.00 – Changed order of sections covering Windows 2003 &	D. Ochala
		2008 Servers.	
10/11/2011	1.1	Release 11.03.00 – Changed document's cover page. Updated for Windows	D. Ochala
		2003 & 2008 Servers	
02/06/2007	1.0	Changed document's cover page.	C. W. Jones

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Overview

PCGenesis requires the definition of certain Windows® server environment variables. Defining the environment variables facilitates the correct operation of various system functions, such as the installation of periodic software releases. Setting these environment variables helps to identify the server Operating System (OS) such as Windows® 2016 or Windows® 2019 or Windows® 2022 to ensure the commands function correctly.

Procedure A: Windows® 2016 / 2019 / 2022 Server Environment Variables

A1. Enter Environment Variable PCGOS

Step	Action
1	Select Start , click on (File Explorer).
2	Right-click on This PC (This PC).
3	Select Properties (Properties).
4	From the left-hand column of options, select Advanced system settings (Advanced System Settings).

System Properties	\times
Computer Name Hardware Advanced Remote	
You must be logged on as an Administrator to make most of these changes Performance Visual effects, processor scheduling, memory usage, and virtual memory Settings	ε.
User Profiles Desktop settings related to your sign-in S <u>et</u> tings	
Startup and Recovery System startup, system failure, and debugging information Settings	
Enviro <u>n</u> ment Variables	
OK Cancel Apply	

Step	Action
5	Select Environment Variables (Environment Variables).

	Value			
Path	%USERPROFILE%\Ap	pData\Local\Microso	oft\WindowsAp	ps;
MP %USERPROFILE%\AppData\Local\Temp				
ГМР	%USERPROFILE%\Ap	pData\Local\Temp		
		New	Edit	Delete
		<u></u>	<u>-</u> unt	Delete
tem variables				
/ariable	Value			^
ComSpec	C:\Windows\system	32\cmd.exe		
.DMS_LOCAL_DIR	C:\Program Files (x86	5)\LANDesk\LDClient	\Data	
.DMS_PREFERRED_SERVER	ld-landesk-sv1.doe.k	12.ga.us		
NUMBER_OF_PROCESSORS	4			
10	Windows_NI			20.040
	C:\Windows\system:	32;C:\Windows;C:\Wi	Indows\Systems	s2\Wbem;
Path		D:'ADD:'ADE:'10:'10E:'A	V3F: W3F1: 1013C	
Path PATHEXT	CONTRACTORY			
Path PATHEXT	.COMEEXEBAT.CM	Ne <u>w</u>	Ed <u>i</u> t	De <u>l</u> ete
Path PATHEXT	COM.EXE.BAT.CM	Ne <u>w</u>	Ed <u>i</u> t	De <u>l</u> ete

New Syst	rstem Variable	×
Variable Variable Brow	le <u>n</u> ame: le <u>v</u> alue: wse <u>D</u> irectory Browse <u>F</u> ile OK Cance	21
tep	Action	
7	Enter the following information:	
	Variable Name: PCGOS	
	Variable Value: 2K	

Edit Syste	m Variable		×			
Variable <u>i</u>	<u>n</u> ame:	PCGOS				
Variable <u>v</u>	Variable value: 2K					
Brows	se <u>D</u> irectory	Browse <u>F</u> ile OK Cancel				
Step	Action					
8	Verify yo	ur information is the same as in the screenshot example above.				
9	Click	OK (OK) to save your entries.				

A2. Enter Environment Variable PCGTYPE

anabic	value		
ath	%USERPROFILE%\AppData\Local\Microsoft	\WindowsApp	os;
EMP	%USERPROFILE%\AppData\Local\Temp		
MP	%USERPROFILE%\AppData\Local\Temp		
	<u>N</u> ew	<u>E</u> dit	<u>D</u> elete
tem variables			
ariable	Value		^
ComSpec	C:\Windows\system32\cmd.exe		
DMS_LOCAL_DIR	C:\Program Files (x86)\LANDesk\LDClient\D	ata	
DMS_PREFERRED_SERVER	ld-landesk-sv1.doe.k12.ga.us		
IUMBER_OF_PROCESSORS	4		
75 Inth	Windows_NI	lowel System 2	2\\//bemai
ΔΤΗΕΧΤ	COM: EXE: BAT: CMD: VBS: VBE: IS: ISE: WSE	F WSH MSC	2\wbem; v
	Ne <u>w</u>	Ed <u>i</u> t	De <u>l</u> ete

New Syst	stem Variable X]
Variable Variable	e <u>n</u> ame: e <u>v</u> alue:	
Brow	vse <u>D</u> irectory Browse <u>File</u> OK Cancel	
Step	Action	
11	Enter the following information:	
	Variable Name: PCGTYPE	
	Variable Value: SV	

Edit Syste	m Variable		×
Variable <u>i</u>	<u>n</u> ame:	PCGTYPE	
Variable <u>v</u>	value:	sv	
Brows	se <u>D</u> irectory	Browse <u>File</u> OK Cancel	
Step	Action		
12	Verify yo	our information is the same as in the screenshot example above.	
13	Click	OK (OK) to save your entries.	

A3. Enter Environment Variable VDBINSTANCE

/sApps;
Delete
Delete
Delete
Delete
<u>D</u> elete
tem32\Wbem;
VISC
Delete
Dejete
Dejete

New Syst	em Variable	Х
Variable Variable Brow	name:	
tep	Action	
15	Enter the following information:	
	Variable Name: VDBINSTANCE	

Variable Value:	PCG_Server_Name\SQLEXPRESSpcg where PCG_Server_Name is	
	the name of the PCGenesis server.	

Edit Syste	Edit System Variable	
Variable y Variable y Brows	ame: VDBINSTANCE alue: PCG_Server_Name\SQLEXPRESSpcg <u>Directory</u> Browse <u>F</u> ile OK Cancel	***
Step	Action	
16	Verify your information is the same as in the screenshot example above.	
17	Click OK (OK) to save your entries.	

A4. Enter Environment Variable VQUEUEDIR

	value
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;
EMP	%USERPROFILE%\AppData\Local\Temp
MP	%USERPROFILE%\AppData\Local\Temp
	<u>N</u> ew <u>E</u> dit <u>D</u> elete
tem variables	
/ariable	Value
ComSpec	C:\Windows\system32\cmd.exe
DMS_LOCAL_DIK	C:\Program Files (xoo)\LANDesk\LDClient\Data
	4
 DS	Windows_NT
ath	C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem;
ATHEXT	.COM:.EXE:.BAT:.CMD:.VBS:.VBE:.JS:.JSE:.WSF:.WSH:.MSC
	Ne <u>w</u> Ed <u>i</u> t De <u>l</u> ete

New Syst	/stem Variable	×
Variable Variable Brow	le <u>n</u> ame: le <u>v</u> alue: wse <u>D</u> irectory Browse <u>F</u> ile OK Can	cel
Step	Action	
19	Enter the following information:	
	Variable Name: VQUEUEDIR	
	Variable Value: K:\VQUEUE	

Edit Syste	/ariable >	<
Variable <u>r</u>	ne: VQUEUEDIR]
Variable value: k:\vqueue		
Brows	jirectory Browse <u>F</u> ile OK Cancel	
Step	ction	
20	erify your information is the same as in the screenshot example above.	
21	Click OK (OK) to save your entries.	

A5. Complete Environment Variable Setup

Variable	Value
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;
темр тмр	%USERPROFILE%\AppData\Local\Temp %USERPROFILE%\AppData\Local\Temp
	<u>N</u> ew <u>E</u> dit <u>D</u> elete
ystem variables	
Variable PATHEXT	Value COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PCGOS	2K SV
PROCESSOR_ARCHITECTU	RE AMD64
PROCESSOR_IDENTIFIER	Intel64 Family 6 Model 44 Stepping 2, GenuineIntel
PROCESSOR_LEVEL	6 2c02
	Ne <u>w</u> Ed <u>i</u> t De <u>l</u> ete
	OK Cancel
Action	
2 Once the final environment of <i>variables</i> window	avironment variable has been entered, use the scroll bar on the S_{i} , locate the four entries, and verify the results:
Variabla	CGOS with value 2K

Step	Action
23	Click OK (OK) to save your entries.