

Richard Woods, Georgia's School Superintendent "Educating Georgia's Future"

#### GEORGIA DEPARTMENT OF EDUCATION OFFICE OF THE STATE SUPERINTENDENT OF SCHOOLS TWIN TOWERS EAST ATLANTA, GA 30034-5001

**TELEPHONE: (800) 869 - 1011** 

FAX: (404) 651-5006

http://www.gadoe.org/

### **MEMORANDUM**

**TO:** PCGenesis System Administrators

FROM: Steven Roache, Senior Information Systems Manager

# SUBJECT: Release 18.S.12 – Windows Server 2008 Software Packet / Installation Instructions

This document contains the PCGenesis software release overview and installation instructions for *Release 18.S.12*.

PCGenesis supporting documentation is provided at:

http://www.gadoe.org/Technology-Services/PCGenesis/Pages/default.aspx

# **Timing Instructions**

# This release must be installed before June 30, 2018.

The installation of the print queue components does not impact the running of the PCGenesis application in any way. The installation of the Microsoft components is totally independent of any PCGenesis software. If any problems arise during the installation, PCGenesis will continue to run without being interrupted.

# Contents

Section A: Overview of Release	3
A1. PCGenesis System Enhancements	3
A1.1. PCGenesis Print Queue Upgrade – Work In Progress A1.2. Installation of Print Queue Components	3
A1.3. Print Queue Components Added to Current Release Number Screen	4
Section B: Installation Instructions for Release 18.S.12 Software	5
B1. Perform a PCGenesis Full Backup	5
B2. Install PCGenesis Release 18.S.12	6
B3. Verify Release 18.S.12 Was Successfully Installed	27
B4. Perform a PCGenesis Full Backup After Release 18.S.12 is Installed	

# Section A: Overview of Release

# A1. PCGenesis System Enhancements

# A1.1. PCGenesis Print Queue Upgrade – Work In Progress

The GaDOE is happy to announce that we will be rolling out a major upgrade of the PCGenesis Print Queue in the second quarter of 2018. The DOE has purchased the *VerraDyne Print Manager* for a cost of \$25,000 to replace the existing PCGenesis print queue software. The new *VerraDyne Print Manager* will have much in common with the existing PCGenesis print queue because the same company created both systems.

## **Operating System Requirements for VerraDyne Print Manager**

- The new VerraDyne Print Manager will not be supported on Windows Server 2003. As of June 30, 2018, PCGenesis will no longer support the Windows Server 2003 operating system.
- For school systems running Windows Server 2008 R2, the new VerraDyne Print Manager will require Service Pack 1 to be installed. We encourage all school systems running Windows Server 2008 to verify that the Microsoft Service Pack 1 has been installed on your PCGenesis server.
- For school systems running Windows Server 2008 R2, Windows Server 2012, and Windows Server 2016, the new VerraDyne Print Manager will require the PCGenesis server to have, all maintenance and service packs installed on your PCGenesis server so that the Windows Server operating system is fully up to date.

# A1.2. Installation of Print Queue Components

This release starts the process of upgrading software in order to support the new *VerraDyne Print Manager* software. The first part of the upgrade is to load the Microsoft components required to run a database. The GaDOE would like school systems which meet the operating system requirements listed above to down load and install the appropriate software packet at some point **between May 17, 2018 and June 30, 2018**.

This release supports the software packet for systems running a version of Windows Server 2008. The software packet contains the following components:

Windows Server 2008 Software Packet

- .NET 3.5 Framework (required for SQL Server Express 2012)
- .NET 4.5 Framework (required for *VerraDyne Print Manager* software)
- Microsoft SQL Server Express 2012
- Adobe Reader (to be loaded to the server)

Georgia Department of Education Richard Woods, State School Superintendent May 23, 2018 • 11:39 AM • Page 3 of 28 All Rights Reserved. The installation of the print queue components does not impact the running of the PCGenesis application in any way. The installation of the Microsoft components is totally independent of any PCGenesis software. If any problems arise during the installation, PCGenesis will continue to run without being interrupted.

# A1.3. Print Queue Components Added to Current Release Number Screen

The print queue component fields, highlighted below, have been added to the *Display Current Release Number* screen (F30, F17). These fields are needed for the new VerraDyne Print Manager software to access the SQL Server database. The print queue component fields on the *Display Current Release Number* screen are available for informational purposes only.

	PCG Dist=8991	Rel=18.01.0	0 05/17/	2018 DOD 004	4 SV K:\SY	STEM	K:\SECC	IND	WHITE	
										DEFNRELM
Γ.										
		The F	ollowin	ng D.O.E. A	eleases	Have	Been	Success	fully Loaded	1:
		DOF		00 01.104	0.047					
		DUE	10.01.0	00 04/01/ 00 04/07/	2010					
		DUE	16.02.0	99 907277 88 807277	2010					
		DOF	16.03.0	00 07/20/ 01 12/02/	2010					
		DOF	16.04.0	01 12/02/ 00 01/04/	2010					
		DOE	17.01.	00 04/03/	2017					
		DOE	17.02.0	00 06/30/	2017					
		DOE	17.03.0	00 09/25/	2017					
		DOE	17.03.0	01 11/29/	2017					
		DOE	17.04.0	00 12/22/	2017					
		DOE	18.01.0	00 03/05/	2018					
		DOE	18.01.0	00 03/26/	2018					
			_				_			
	.NET Fr	amework 3.	.5: Y	SQL SERVE	R EXPRES	SS 201	2: Y			
	.NET Fr	amework 4.	.5: Y	SÚL SERVE	K EXPRES	55 201	0: N	SŲ	L MANAGEMEN	510010 2016: N
				Press (FM	ITER> or	F16	to Ex	it		
ENTER		1 1								18.01.00
-										-
F16										

Display Current Release Number

# Section B: Installation Instructions for Release 18.S.12 Software

# B1. Perform a PCGenesis Full Backup

When the prior evening's backup was successful, and when installing *Release 18.S.12* before performing any work in PCGenesis for the day, proceed to *B2. Install PCGenesis Release*. In addition to its current labeling, also label the prior evening's backup CD/DVD/USB as **"Data Backup Prior to Release 18.S.12**". Continue to use the backup CD/DVD/USB in the normal backup rotation.

Step	Action
1	Verify all users are logged out of PCGenesis.
2	Close <i>Uspool</i> at the server.
3	Perform a PCG Full Backup to CD or DVD or USB.
4	When the PCGenesis backup completes, label the backup CD or DVD or USB <b>"Full System Backup Prior to Release 18.S.12</b> ".
5	Proceed to B2. Install PCGenesis Release 18.S.12.

# **B2. Install PCGenesis Release 18.S.12**

# FROM THE PCGENESIS SERVER

Step	Action
1	Verify that all Windows Server operating system updates have been applied to your system before starting this installation!
2	Verify all users are logged out of PCGenesis.
3	Open Windows® Explorer.
4	Navigate to the K:\INSTAL directory.
5	<ul> <li>Verify the following four files display:</li> <li>PCGUNZIP.EXE,</li> <li>SQLINSTL12.BAT</li> <li>INSTLNET</li> <li>Win2008R2_SQLEXPRWT_x64_ENU.exe</li> </ul>
	<i>If these jour files ao not display, return to the MyGaDOE web portal, and detach the files from the Web portal again.</i>

Step	Action
6	*** ALERT ***
	After downloading the files we need to make sure they are not blocked, otherwise when we unzip, ALL the files will all be blocked. This is a new security feature of the Windows Server 2008 operating system.
	To check whether the files have been blocked, <b>right-click</b> on each of the four downloaded files and select <b>Properties</b> . If you see a security message at the bottom, as shown below, you will need to click the ' <b>Unblock</b> ' button. This is a very important step!

🕹 VQueueServ	rice.vshost.exe.config Properties	🔋 bin.zip Prop	erties 🗾 🗾
General Secu	rity   Details   Previous Versions   	General Seco	urity Details Previous Versions
	VQueueService.vshost.exe.config		bin.zip
Type of file:	XML Configuration File (.config)	Type of file:	WinZip File (.zip)
Opens with:	Microsoft Visual Studio	Opens with:	📮 WinZip
Location:	K:\vqueue\bin	Location:	N:\Angela
Size:	1.31 KB (1,346 bytes)	Size:	31.3 MB (32.911.614 bytes)
Size on disk:	4.00 KB (4,096 bytes)	Size on disk:	31.3 MB (32,915,456 bytes)
Created:	Monday, March 05, 2018, 1:03:48 PM	Created:	Yesterday, March 13, 2018, 5:42:15 PM
Modified:	Thursday, December 01, 2016, 10:02:54 AM	Modified:	Yesterday March 13, 2018, 9:12:23 AM
Accessed:	Monday, March 05, 2018, 1:03:48 PM	Accessed:	Yesterday, March 13, 2018, 5:42:15 PM
Attributes:	Ead-only Hidden Advanced	Attributes:	Read-only Hidden Advanced
Security:	This file came from another computer and might be blocked to help protect this computer.	Security:	This file came from another computer and might be blocked to help protect this computer.
	OK Cancel Apply		OK Cancel Apply

Step	Action
7	In the K:\INSTAL directory, right click on PCGUNZIP.EXE and select the 'Properties' option. Verify that the size of the file is 70.5 MB as shown below.
	If the size of the file is <u>not</u> <b>70.5</b> <i>MB</i> as shown below, return to the MyGaDOE Web portal, and detach the file from the Web portal again.

#### **PCGUNZIP.exe:**

2	7 PCGUNZIP.e	xe Properties
	General Comp	patibility Security Details Previous Versions
		PCGUNZIP.exe
	Type of file:	Application (.exe)
	Description:	PCGUNZIP.exe
	Location:	K:\Pcinstall\INS18S12
	Size:	70.5 MB (74,015,935 bytes)
	Size on disk:	70.5 MB (74,018,816 bytes)
	Created:	Today, May 18, 2018, 2 hours ago
	Modified:	Today, May 18, 2018, 2 hours ago
	Accessed:	Today, May 18, 2018, 2 hours ago
	Attributes:	Read-only Hidden Advanced
		OK Cancel Apply

Georgia Department of Education Richard Woods, State School Superintendent May 23, 2018 • 11:39 AM • Page 8 of 28 All Rights Reserved.

Step	Action
8	In the K:\INSTAL directory, right click on Win2008R2_SQLEXPRWT_x64_ENU.exe and select the 'Properties' option. Verify that the size of the file is 699 MB as shown below.
	If the size of the file is <u>not</u> 669 MB as shown below, return to the MyGaDOE Web portal, and detach the file from the Web portal again.

#### Win2008R2\_SQLEXPRWT\_x64\_ENU.exe:

	Win2008R2_	SQLEXPRWT_x64_ENU.exe Pr	roperties
	Security	Details	Previous Versions
	General	Compatibility	Digital Signatures
		Win2008R2_SQLEXPRWT_x	64_ENU.exe
	Type of file:	Application (.exe)	
L	Description:	Microsoft SQL Server 2012 Ex	press Edition With To
	Location:	K:\Pcinstall\INS18S12	
	Size:	669 MB (702,474,328 bytes)	
	Size on disk:	669 MB (702,476,288 bytes)	
	Created:	Monday, March 05, 2018, 12:3	
	Modified:	Tuesday, January 23, 2018, 6:	54:31 PM
	Accessed:	Monday, March 05, 2018, 12:3	7:57 PM
	Attributes:	Read-only Hidden	A <u>d</u> vanced
		ОК	Cancel Apply

Georgia Department of Education Richard Woods, State School Superintendent May 23, 2018 • 11:39 AM • Page 9 of 28 All Rights Reserved.

Step	Action
9	Right-click SQLINSTL12.BAT and select <i>Run as administrator</i> to perform the installation.

The following screen displays briefly:

WinZip Self-Extractor - PCGUNZIP.exe	×
To unzip all files in PCGUNZIP.exe to the specified folder press the Unzip button.	<u>U</u> nzip
Unzip to <u>f</u> older:	Run <u>W</u> inZip
K:\INSTAL Browse	<u>C</u> lose
Overwrite files without prompting	<u>A</u> bout
	<u>H</u> elp
Unzipping NDP452-KB2901907-x86-x64-AllOS	-ENU.exe

The following screen displays briefly:

Extracting files	×
Preparing: K:\7705e7646c30c8b05bf517a21bb3\x64-Windows8.1-KB2	934520-x64.msu
	Cancel

Georgia Department of Education Richard Woods, State School Superintendent May 23, 2018 • 11:39 AM • Page 10 of 28 All Rights Reserved. If the PCGenesis server already has **Microsoft .NET Framework 4.5** installed, the following screen displays:

🌄 Microsoft .NET Framework 4.5.2	×
Your installation will not occur. See below for reasons why.	
Details .NET Framework 4.5.2 or a later update is already installed on this computer.	
More information about <u>blocked .NET Framework 4.5.2 installations</u> .	
Gontinue C	ljose

If the PCGenesis server does <u>not</u> have **Microsoft .NET Framework 4.5** installed, the following screen displays:

MICROSOFT SOFTWARE SU	PPLEMENTAL LICENSE TER	RMS
.NET FRAMEWORK AND AS MICROSOFT WINDOWS OP	SOCIATED LANGUAGE PA	CKS FOR
Microsoft Windows operating	system software (the "soft	ware"), you
Microsoft Windows operating may use this supplement. Yo	system software (the "soft a may not use it if you do n ise terms.	ware"), you ot have a
Microsoft Windows operating may use this supplement. Yo have read and accept the lice Download size estimate:	system software (the "soft u may not use it if you do n """ o MB	ware"), you ot have a
Microsoft Windows operating may use this supplement. Yo I have read and accept the lice Download size estimate: Download time estimates:	system software (the "soft u may not use it if you do n se terms.) 0 MB Dial-Up: 0 minutes	ot have a

Georgia Department of Education Richard Woods, State School Superintendent May 23, 2018 • 11:39 AM • Page 11 of 28 All Rights Reserved.

Step	Action
10	If the PCGenesis server already has <b>Microsoft</b> . <b>NET Framework 4.5</b> installed, proceed to <i>Step 12</i> .
	If the PCGenesis server does <u>not</u> have <b>Microsoft</b> . <b>NET Framework 4.5</b> installed, accept the license term and click ' <b>Install</b> '.

The following screen displays briefly:

Sources Microsoft .NET Framework 4.5.2	
Installation Progress Please wait while the .NET Framework is being installed.	Microsoft NET
File security verification:	
All files were verified successfully.	
Installation progress:	0
Installing .NET Framework 4.5.2	
	Cancel



Step	Action
11	Click 'Finish' when the Microsoft .NET Framework 4.5 installation is completed.

The following screen displays briefly:

Extracting Files	×
Extracting File: To Directory:	1033_enu_lp\redist\visualstudioshell\vssetup\c k:\ab4c206bd8cccae446d5c3db

The following screen displays briefly:



Georgia Department of Education Richard Woods, State School Superintendent May 23, 2018 • 11:39 AM • Page 13 of 28 All Rights Reserved.

The 'SOL Server	2012 Setup -	Setup Suppor	t Rules' s	screen displays	briefly:
$\mathcal{L}$	· · · · · · · · · · · · · · · · · · ·	······································			

🚼 SQL Server 2012 Setup			
Setup Support Rule	s		
Setup Support Rules identify before Setup can continue.	problems that might occur when you install SQL Server Setup support f	iles. Failures must be corrected	
Setup Support Rules	Rule check in progress		
	<u>S</u> how details >>	<u>R</u> e-run	
		OK Cancel	

select 'Next'.

Install Setup Files	
	MICROSOFT SQL SERVER 2012 EXPRESS
	These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft
	updates,
	<ul> <li>supplements,</li> </ul>
	<ul> <li>Internet-based services, and</li> </ul>
	support services
	for this caftware, unlace other terms accompany these items. If ca, these terms apply
	Copy Print
	✓ I accept the license terms.
	Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components.
	See the Microsoft SOL Server 2012 Privacy Statement for more information.

The 'SQL Server	· 2012 Setup –	Install Setup Files	screen displays briefly:
$\sim$	1	1	

🎲 SQL Server 2012 Setup				
Install Setup Files			XXXX	
SQL Server Setup will now be i be installed.	installed. If an update for SQL Server Setu	ip is found and specified to be included, the update will also		
License Terms				
Install Setup Files	SQL Server Setup files are being installed on the system.			
	Task	Status		
	Install Setup files	In Progress		
	1			
		d Dark Tarkall		

## The 'SQL Server 2012 Setup – Setup Support Rules' screen displays briefly:

🍀 SQL Server 2012 Setup							
Setup Support Rules							<u> </u>
Setup Support Rules identify pro before Setup can continue.	blems that might occur wl	nen you install SQL Se	rver Setup si	upport files. Fa	ailures must be co	prrected	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Rule check in progress						Retrun
			-	< Pack	Next >	Cancel	Halp
			_	< <u>B</u> ack	<u>N</u> ext >	Cancel	

Select the Express features to	install.	
Setup Support Rules Setup Support Rules Seture Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Eeatures:	Feature description:         The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances can operate side-by-side on the same computer.         Prerequisites for selected features:         Already installed:         Microsoft .NET Framework 4.0         Windows PowerShell 2.0         Microsoft Visual Studio 2010 Shell
	Select All       Unselect All         Shared feature directory:       C:\Program Files\Microsoft S         Shared feature directory (x86):       C:\Program Files (x86)\Microsoft S	SQL Server
		< Back Next > Cancel Help
Action		
When promp 'Database Er	ed with 'SQL Server 2012 Setup – Feat	<i>ture Selection</i> ', verify that the - <i>Basic</i> ' options are checked, and

Setup Support Rules Feature Selection Installation Rules	Default instance     Named instance:	SQLEXPRESSPCG			
Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress	Instance <u>I</u> D:	SQLEXPRESSPCG			
	SQL Server directory:	K:\PCGSQLdb\MSS	QL11.SQLEXPRESSPCG		
	Instance Name	Instance ID	Features	Edition	Version
			< Back	Next >	Cancel Help

*directory*' is **K:\PCGSQLdb** and then select '**Next**'.

				1000	3.9
Setup Support Rules	Service Accounts Collation				
Feature Selection	Microsoft recommends that you use	a separate account for each SOL Se	erver service.		
Installation Rules	Service	Account Name	Bacquord	Startup Tupa	
Disk Space Requirements	SOL Server Database Engine	NT AUTHORITY'SYSTEM	Fassword	Automatic	-
Server Configuration	SQL Server Browser	NT AUTHORITY)LOCAL SE		Automatic	Ţ
Database Engine Configuration		IN HOMOKI NEOCHE DEM		Hatomatic	

specify Database Engine authenti	ación security mode, administrators and data directories.	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Server Configuration       Data Directories       User Instances       FILESTREAM         Specify the authentication mode and administrators for the Database       Authentication Mode       Image: Configuration Mode         Image: Configuration Mode       Image: Configuration Mode       Image: Configuration Mode       Image: Configuration Mode         Image: Configuration Mode       Image: Configuration Mode       Image: Configuration Mode       Image: Configuration Mode         Image: Configuration Mode       Image: Configuration Mode       Image: Configuration Mode       Image: Configuration Mode         Image: Configuration Password:       Image: Configuration Configuration       Image: Configuration Mode       Image: Configuration Mode         Specify SQL Server administrators       Image: Configuration Configuration       Image: Configuration Mode       Image: Configuration Mode         Specify SQL Server administrators       Image: Configuration Configuration Configuration       Image: Configuration Configuration       Image: Configuration Configuration         Specify SQL Server administrators       Image: Configuration Configuration       Image: Configuration Configuration       Image: Configuration         Specify SQL Server administrators       Image: Configuration       Image: Configuration       Image: Configuration       Image: Configuration         Add Current User       Add       Remove       Image: Configuration <th>engine.</th>	engine.
Action		

The following screen may be displayed in certain instances:

Help Microsoft improve SQL Serv	er features and services.
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration <b>Error Reporting</b>	Specify the information that you would like to automatically send to Microsoft to improve future releases of SQL Server. These settings are optional. Microsoft treats this information as confidential. Microsoft may provide updates through Microsoft Update to modify feature usage data. These updates might be downloaded and installed on your machine automatically, depending on your Automatic Update settings. See the Microsoft SQL Server 2012 Privacy Statement for more information. Read more about Microsoft Update and Automatic Update.
Installation Configuration Rules Installation Progress Complete	Send Windows and SQL Server Error Reports to Microsoft or your corporate report server. This setting only applies to services that run without user interaction.
	< <u>B</u> ack Next > Cancel Help
Action	

The following screen displays briefly:

🎲 SQL Server 2012 Setup	
Installation Progress	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules <b>Installation Progress</b> Complete	Initializing Windows Installer actions.
	Next > Cancel Help

Your SQL Server 2012 installa	tion completed successfully.	
etup Support Rules eature Selection	Information about the Setup operation or possi	ble next steps:
stallation Rules	Feature	Status
standion ritalios	Management Tools - Basic	Succeeded
stance configuration	Database Engine Services	Succeeded
sk Space Requirements	SQL Browser	Succeeded
erver Configuration	SQL Writer	Succeeded
atabase Engine Configuration	SQL Client Connectivity SDK	Succeeded
ror Reporting	SQE Client Connectivity SDK	Jaccolded
stallation Configuration Rules		
stallation Progress		
omolete		
omprete	Details:	
	Viewing Product Documentation for	r SQL Server
		Π
	Only the components that you use to v	iew and manage the documentation for SQL Server have 🛛 🛁
	been installed. By default, the Help Vie	wer component uses the online library. After installing SQL
	Server, you can use the Help Library M	anager component to download documentation to your
	local computer. For more information, s	see Use Microsoft Books Online for SQL Server
	Shttp://go.microsoft.com/twiink//LinkiD	=224663> ( <u>http://go.microsoft.com/twiink/?LinkiD=</u>
	224003).	<b>v</b>
	J Summary log file has been sayed to the follow:	
	Summary by the has been saved to the following	ing location:
	C:\Program Files\Microsoft SQL Server\110\Se	tup Bootstrap\Log\20180126_113003

Step	Action
18	When prompted with 'SQL Server 2012 Setup – Complete', verify that all components installed successfully, and select 'Close'.

If the PCGenesis server does <u>not</u> have **Adobe Acrobat Reader** installed, the following screen may display briefly:

🔎 Adobe Acr	Adobe Acrobat Reader DC Installer			×
<u>ل</u>	Adobe Acrobat Reader DC: Downloading	_	11%	

The following screen displays:

Adobe Acro	bat Reader DC Installer		
L	Adobe Acrobat Reader DC: Installation co	omplete	~
	Launch Adobe Acrobat Reader DC		
Un Ad	check the box for 'Launch obe Acrobat Reader DC'		
		Finish	

Georgia Department of Education Richard Woods, State School Superintendent May 23, 2018 • 11:39 AM • Page 25 of 28 All Rights Reserved.

Step	Action
19	When prompted with the 'Adobe Acrobat Reader DC: Installation Complete' screen, <b>uncheck</b> the box for 'Launch Adobe Acrobat Reader DC' and select ' <b>Finish</b> '.
20	Now, <b>REBOOT</b> the PCGenesis server.

Georgia Department of Education Richard Woods, State School Superintendent May 23, 2018 • 11:39 AM • Page 26 of 28 All Rights Reserved.

# **B3.** Verify Release 18.S.12 Was Successfully Installed

Step	Action
1	Log into PCGenesis.
2	From the <i>Business Applications Master Menu</i> , select <b>30</b> ( <b>F30</b> - System Utilities).
3	From the <i>System Utilities Menu</i> , select <b>17</b> ( <b>F17</b> - Display Current Release Number).

## The following screen displays:

🔟 PC	G Dist=8991 Rel:	=18.01.00 05/17/20	18 DOD 004 SV K:\S	STEM K:\SECOND	WHITE	
_						DEFNRELM
		The Following	N N F Roloacoc	Haue Reen Succ	• hoheol ullu‡220	
		The Torrowing	D.O.C. NEIEdses	nave been succ	Essivity Loudeu.	
		DOE 16.01.00	04/01/2016			
		DOE 16.02.00	06/27/2016			
		DOE 16.03.00	09/26/2016			
		DOE 16.03.01	12/02/2016			
		DOE 16.04.00	01/04/2017			
		DOE 17.01.00	04/03/2017			
		DUE 17.02.00	06/30/2017			
		DUE 17.03.00	09/25/2017			
		DUE 17.03.01	11/29/201/			
		DOE 17.04.00	12/22/2017			
		DOE 18.01.00	03/05/2010			
		DUL 10.01.00	03/20/2010			
	.NET Framew	ork 3.5: Y	SUL SERVER EXPRE	SS 2012: Y		0.047 - 11
	.NET Framew	lork 4.5: Y	SUL SERVER EXPRE	SS 2010: N	SUL MANAGEMENT STUDIU	J 2016: N
			Proce (ENTER) or	F16 to Evit		
						18.01.00
						10.01.00
F16						
		· · · · ·				

Step	Action			
4	Verify the necessary components are installed. Check that a ' <b>Y</b> ' is displayed next to each of the following components.			
	.NET Framework 3.5: Y			
	.NET Framework 4.5: Y			
	SQL SERVER EXPRESS 2012: Y			
	If the above components do not display a 'Y', contact the Technology Management Customer Support Center for assistance.			
5	Select Enter.			
6	Log off the PCGenesis server.			

Georgia Department of Education Richard Woods, State School Superintendent May 23, 2018 • 11:39 AM • Page 27 of 28 All Rights Reserved.

Step	Action
7	Verify users remain logged out of PCGenesis.

# **B4.** Perform a PCGenesis Full Backup After Release 18.S.12 is Installed

Step	Action
1	Verify all users are logged out of PCGenesis.
2	Close Uspool at the server.
3	Perform a PCG Full Backup to CD or DVD or USB.
4	When the PCGenesis backup completes, label the backup CD or DVD or USB <b>"Full System Backup After Release 18.S.12</b> ".