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Introduction

This *Tech Note* is describes getting and viewing the Application Server version and Microsoft SQL Server version from the Galaxy backup file.

Application Versions

• Application Server 2.1 and later (includes 4.0)

Procedure

- 1. Rename the Galaxy backup .cab to Galaxybackup.zip.
- 2. Extract Galaxybackup.zip.



FIGURE 1: EXTRACTED GALAXYBACKUP.ZIP

3. From the extracted folder open the GalaxyInfo.txt file.

You can find **CdiVersion** that refers to the Application server version.



FIGURE 2: GALAXYINFO.TXT

The following list provides the CdiVersion for each Application Server version:

```
[IAS 2.1]
2.1 Released 2559.1144.0.0
2.1 Patch01 2559.1144.66.12
2.1 Patch02 2559.1144.77.14
[WAS 3.0]
3.0 Released 2859.1293.0.0
3.0 Patch01 2859.1293.24.2
3.0 Patch02 2859.1293.53.4
3.0 Patch03 2859.1293.70.5
3.0SP1 2859.1293.95.15
3.0SP2 2859.1293.239.40
[WAS 3.1]
3.1 3132.57.0.0
3.1SP1 3132.57.24.6
3.1SP2 3132.57.91.24
3.1SP2P01 3132.57.103.28
3.1SP3 3132.57.119.34
3.1SP3P01 3132.57.160.38
[ASP 3.5]
3.5 3275.0113.0000.0000
```

3.5 Patch01 3275.113.110.8

[ASP 3.6] 3.6 3388.0127.0000.0000 3.6 Patch01 3388.0127.0126.0006

[ASP 4.0] 4.0 3502.0148.0000.0000

Note: You can use the same CdiVersion list to verify a PC's installation by checking the wwCdi.dll version (Figure 3 below).

Bin					
C:\Program Files (x86)\Common Files\ArchestrA\Framework\Bin					
Organize 🔻 🔳 Open with Ne	Organize 🔻 🔲 Open with New folder				WWCdi.dll Properties X
T Documents	Name A	Date modified	Type	Size	General Security Details Previous Versions
± ♪ Music	Name Name Name	7/19/2013 8:03 PM	Application extension	62 KB	Property Value
	NocessRealtimeClerk.dll	7/19/2013 8:02 PM	Application extension	76 KB	Description
+ 🛃 Videos	NotessSentry.dl	7/19/2013 8:00 PM	Application extension	51 KB	File description WWCdi Module
	🚳 SocketTransport.dll	7/19/2013 8:09 PM	Application extension	99 KB	Type Application extension
🖃 🖳 Computer	SoftwareControlManager.dll	7/19/2013 8:02 PM	Application extension	91 KB	File version 3388.127.126.6
🖃 🚢 Local Disk (C:)	🚳 WWCdi.dll	7/17/2013 2:38 AM	Application extension	3,545 KB	Product name
🕀 🔒 \$Recycle.Bin	WWFsObject.dll	7/17/2013 2:42 AM	Application extension	2,007 KB	Product version
🕀 🕌 app	WWGalaxyRepositoryClient.dll	7/17/2013 2:32 AM	Application extension	269 KB	Copynght (c) 2011 Invensys Systems, Inc.
🔬 Config.Msi	WWGalaxyRepositoryController.dll	7/17/2013 2:33 AM	Application extension	215 KB	Date modified 7/17/2013 2:38 AM
Documents and Settings	wwpackagemanager.aadct	9/17/2012 10:12 AM	AADCT File	27 KB	Language English (United States)
	WWPackageManager.dl	7/17/2013 1:52 AM	Application extension	2.874 KB	Legal trademarks Wonderware and ArchestrA are tradem
	WWPackageServer.dl	7/17/2013 2:27 AM	Application extension	7.782 KB	Original filename WWCdi.DLL
Program Files	WWPackageServer1.aadct	11/28/2012 2:57 AM	AADCT File	96 KB	
Program Files (x86)	WWPDEMapager.dl	7/17/2013 1:53 AM		275 KB	
🕀 📗 ArchestrA	WWPDEMapager 1.aadct	9/17/2012 10:13 AM	AADCT File	2 KB	
🗆 🗓 Common Files	vvCommonPackage2.dll	8/14/2013 6:39 PM		160 KB	
🖃 🃗 ArchestrA	vvCommonRuntime2.aaDCT	9/17/2012 10:13 AM		2 KB	
🕀 📙 ApplicationServer	xvCommonRuntime2.dll	8/14/2013 6:39 PM		373 KB	Remove Properties and Personal Information
🕀 퉲 Docs		7/16/2013 11:11 DM		178 KB	
🗆 📙 Framework		7/10/2013 11:11 PM		176 KB	OK Cancel Apply
📙 Bin	🚳 xxGalaxy.dli	//1//2013 2:39 AM	Application extension	301 KB	

FIGURE 3: WWCDI.DLL PROPERTIES INCLUDES VERSION

file:///C|/inetpub/wwwroot/t002841/t002841.htm[2/4/2014 10:34:11 AM]

How to Get SQL Server Backup Details from the Galaxy Backup

You can get the SQL Server backup details from the Galaxy backup file using The **RESTORE HEADERONLY** option. This option allows you to see the backup header information for all backups on a particular backup device. In most cases each backup you create has only one backup stored in a physical file, so you will probably only see one header record.

If you had multiple backups in one file you would see the information for each backup.

- 1. Change the Galaxy backup .cab name to Galaxybackup.zip.
- 2. Extract Galaxybackup.zip.

📗 TestGalaxy							
🚱 🖓 🗸 🕹 🔹 Local 🝷 TestGa 👻 🖛 🛃 Search TestGalaxy							
Organize 🔻 Include in library 🔻 Share with 🔻 New folder							
🔆 Favorites	<u> </u>	Name ^	Date modified	Туре	Size		
Mesktop		🌗 Database	11/12/2013 9:21 AM	File folder			
Downloads		📗 FileRepository	11/12/2013 9:22 AM	File folder			
Recent Places		퉬 GlobalData	11/12/2013 9:22 AM	File folder			
🥞 Libraries		GalaxyInfo	11/12/2013 9:16 AM	Text Document		1 KB	
Documents							
J Music							
Pictures							
Videos	-						
4 items							

FIGURE 4: EXTRACT GALAXYBACKUP.ZIP

3. Copy **database.backup** from folder database to the C:\ drive.



FIGURE 5: COPY DATABASE.BACKUP TO C:\ DRIVE

- 4. Open SQL server Management Studio from the Start menu.
- 5. Get header only information from a full back up by running the following SQL statement.

```
RESTORE HEADERONLY FROM DISK = 'C:\database.backup'
GO
```



file:///C|/inetpub/wwwroot/t002841/t002841.htm[2/4/2014 10:34:11 AM]

				State	Open
				3 Connection	
				Connection name	EGYMO2008 (EGYMO200
				Connection Detai	ls
				Connection elapsed	00:00:01.117
			-	Connection finish tir	11/12/2013 6:10:57 PM
	•			Connection rows re	1
				Connection start tin	11/12/2013 6:10:56 PM
	🛄 Results 📑 Messages			Connection state	Open
	oftwareVendorld Softwa	reVersionMajor SoftwareVersionMinor	SoftwareVersionBuild	Display name	EGYMO2008
	1 608 10	0	5500	Login name	EGYMO2008\Administrat
				Server name	EGYMO2008
				Server version	10.0.5500
				SPID	80
				Name The name of the conne	ection.
	Que EGYMO2008 (10.0 S	P3) EGYMO2008\Administrato ma	ster 00:00:01 1 rows		
Ready			Ln 3	Col 1 Ch 1	INS
灯 Start 🕌 ⊿ 🚞 👪				* 🕼 🖞	

FIGURE 6: SQL QUERY

- 6. You can see Microsoft SQL Server versions from the following three columns.
 - SoftwareVersionMajor.
 - SoftwareVersionMinor.
 - SoftwareVersionBuild.
- 7. In provided example the version is 10.0.5500, which represents Microsoft SQL server 2008 SP3.

The following table represents version numbers for all Microsoft SQL servers.



codename Denali

SQL Server 2008 R2 codename Kilimanjaro	10.50.1600.1	10.50.2500	10.50.4000		
SQL Server 2008 codename Katmai	10.00.1600.22	10.00.2531	10.00.4000	10.00.5500	
SQL Server 2005 codename Yukon	9.00.1399.06	9.00.2047	9.00.3042	9.00.4035	9.00.5000
SQL Server 2000 codename Shiloh	8.00.194	8.00.384	8.00.532	8.00.760	8.00.2039
SQL Server 7.0 codename Sphinx	7.00.623	7.00.699	7.00.842	7.00.961	7.00.1063

For more info about **RESTORE LABELONLY**, visit that link http://technet.microsoft.com/en-us/library/ms178536.aspx.

M. Salah

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