

[Template] Database Migration Checklist: <client name>

Technical Contact:

Admin Contact:

Salesforce Case#:

Jira Task#:

Source Server - <hostname> <IP>

▼ [Click here to expand...](#)

Questions

▼ [Click here to expand...](#)

General

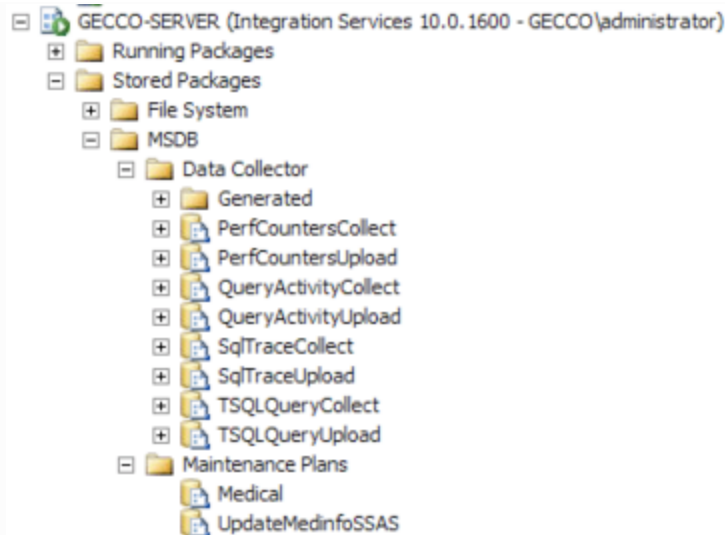
- Non-MI databases? (In general, do not touch these.)
 - [FRAMESdata] - should this also be migrated? Yes
- Will old server be decommissioned? No
- Has autogrowth kicked in? No
- Non-MI Logins needed? No, new Logins will be created
 - Should this be replaced with GECCO\Administrator instead?
 - GECCO-SERVER\Administrator
 - GECCO-SERVER\medadmin (this Login owns the "PopulateMedinfoSSAS" job)
 - GECCO-SERVER\SQLAdmin
- Backup directory accessible? Yes
- MI App Uses Windows Authentication? No
- Is "Auto Shrink" enabled for [medical]? No
- Is [medical_testv76] using simple recovery model with TLs shrunk? **No...add as migration task!**
- Will IP and hostname be changed post the migration?

SQL Jobs

- The "FRAMESdata Import" jobs seem to be part of an SSIS process (for Optimatix)
 - D:\MEDINFO\OptiMatix\FRAMESdata\FRAMESdata Import.dtsx
 - Should this also be moved? **YES. EI will do testing.**
- Disabled jobs needed? None are disabled
- Services are being run with GECCO-SERVER\SQLAdmin user
 - Will need someone with access to this user to set the services on the new server? No, IT has provisioned GECCO\SQLAdmin

Misc Services

- SSIS packages? Yes, but had to create Login for GECCO\administrator with sysadmin rights to access:

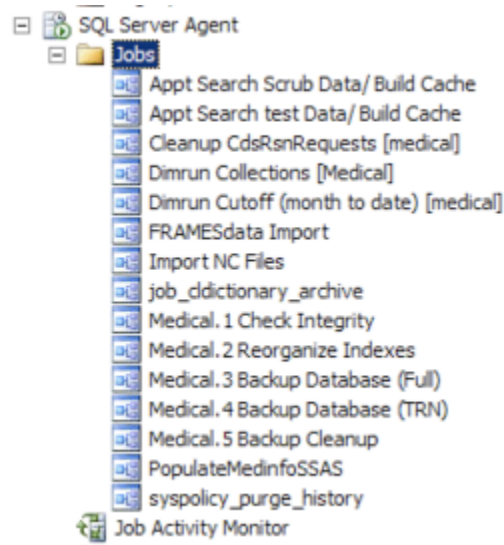


- SSAS database for the Dashboard? "MedinfoSSAS" exists and is accessible
- As for the SSIS job for the Dashboard ("PopulateMedinfoSSAS"):
 - Does it use a Proxy? No
 - What SSIS package is it using? UpdateMedinfoSSAS

Specs:

SQL Jobs

- Maintenance Plans
 - Medical
- 15 Jobs Enabled



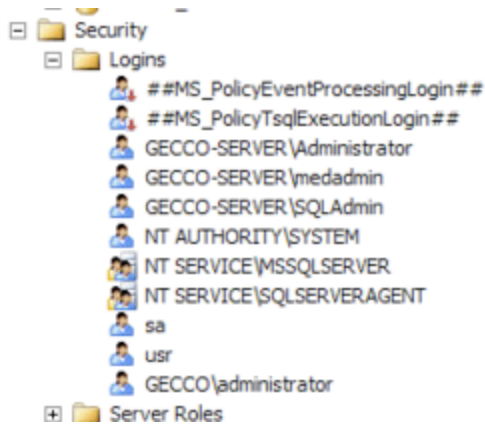
- No Jobs Disabled

SQL Server Settings

- Min Memory - 1024 MB (1024 MB recommended)
- Max Memory - 10,240 MB (usually 80% of server memory; should leave 2GB+ for the OS and 2GB+ for the application)
- Login auditing - Failed Logins Only
- Compress backup - unchecked
- Xp_cmdshell turned on (for Import NC job)
- Network protocols - Shared Memory & TCP/IP turned on
- Database Mail XPs turned on (for Patient Portal)

- Optimize for ad hoc workloads turned off
- Mixed Authentication Mode
- Backup Directory:
 - Old - D:\MSSQL10.MSSQLSERVER\MSSQL\Backup\medical
 - New - C:\Program Files\Microsoft SQL Server\MSSQL14.GECCO\MSSQL\Backup

Logins



Overview Results

Script Repo: https://bitbucket.org/MedinfoAdmins/midb-development/src/master/migration-sql/SQL_Migration_Overview.sql

_General	Servename	MEDSERV
_General	Version	Microsoft SQL Server 2008 R2 (SP2) - 10.50.4042.0 (X64) Mar 26 2015 21:18:04 Copyright (c) Microsoft Corporation Standard Edition (64-bit) on Windows NT 6.1 <X64> (Build 7601: Service Pack 1)
Agent	Alerts	0
Agent	Jobs	16
Agent	Operators	0
Agent	Proxies	0
Agent	SSIS Packages in MSDB	9
Management	DataCollector Sets - Running /Paused	0
Management	DB Mail Accounts	1
Management	DB Mail Profiles	1
Management	ExtendedEventSessions - Running	1
Management	ExtendedEventSessions - Stopped	0
MI	Dashboard	0
MI	ERX	1

MI	Ola Hallengren's Maintenance Strategy	0
MI	Patient Portal - SQL Jobs	1
Security	Credentials	0
Security	SQL Logins	4
Security	Windows Group Logins	2
Security	Windows Logins	2
Server Objects	Backup Devices	0
Server Objects	Endpoints	5
Server Objects	Server Triggers	0
Server Objects	Servers	1

▼ [System Info](#)

Item	Value
OS Name	Microsoft Windows Server 2008 R2 Standard
Version	6.1.7601 Service Pack 1 Build 7601
Other OS Description	Not Available
OS Manufacturer	Microsoft Corporation
System Name	MEDSERV
System Manufacturer	Dell Inc.
System Model	PowerEdge T410
System Type	x64-based PC
Processor	Intel(R) Xeon(R) CPU E5607 @ 2.27GHz, 2261 Mhz, 4 Core(s), 4 Logical Processor(s)
Processor	Intel(R) Xeon(R) CPU E5607 @ 2.27GHz, 2261 Mhz, 4 Core(s), 4 Logical Processor(s)
BIOS Version/Date	Dell Inc. 1.6.3, 2/1/2011
SMBIOS Version	2.6
Windows Directory	C:\Windows
System Directory	C:\Windows\system32
Boot Device	\Device\HarddiskVolume1
Locale	United States
Hardware Abstraction Layer	Version = "6.1.7601.24214"
User Name	Not Available
Time Zone	Central Standard Time
Installed Physical Memory (RAM)	12.0 GB
Total Physical Memory	12.0 GB
Available Physical Memory	465 MB
Total Virtual Memory	24.0 GB
Available Virtual Memory	10.1 GB
Page File Space	12.0 GB
Page File	C:\pagefile.sys

SQL Server Services

Name	State	Start Mode	Log On As	Process ID	Service Type
SQL Server Configuration Manager (Local)					
SQL Server Services					
SQL Server Integration Services 10.0	Running	Automatic	NT AUTHORITY\NETWORKSERVICE	2428	
SQL Server Network Configuration (32bit)					
SQL Native Client 11.0 Configuration (32bit)					
SQL Server Network Configuration					
SQL Server Network Configuration					
SQL Native Client 11.0 Configuration					
SQL Full-text Filter Daemon Launcher (MSSQLSERVER)	Running	Automatic	NT AUTHORITY\LOCALSERVICE	2512	SQL Server
SQL Full-text Filter Daemon Launcher (SQLEXPRESS)	Running	Manual	NT AUTHORITY\LOCALSERVICE	6040	
SQL Server (MSSQLSERVER)	Running	Automatic	BETHESDAHEALTHC\administrator	3828	SQL Server
SQL Server Analysis Services (MSSQLSERVER)	Running	Automatic	BETHESDAHEALTHC\administrator	6316	Analysis Server
SQL Server Reporting Services (MSSQLSERVER)	Running	Automatic	BETHESDAHEALTHC\administrator	5748	Report Server
SQL Server Reporting Services (SQLEXPRESS)	Running	Automatic	NT AUTHORITY\NETWORKSERVICE	7128	Report Server
SQL Server Agent (SQLEXPRESS)	Stopped	Other (Boot, System, Disabled or Unknown)	NT AUTHORITY\NETWORKSERVICE	3544	SQL Agent
SQL Server Agent (MSSQLSERVER)	Running	Automatic	NT AUTHORITY\LOCALSERVICE	0	SQL Agent
SQL Server Browser	Running	Automatic	BETHESDAHEALTHC\administrator	3940	SQL Agent
SQL Server Agent (MSSQLSERVER)	Running	Automatic	BETHESDAHEALTHC\administrator	5000	SQL Agent

SQL Server Network Protocols

Protocol Name	Status
Shared Memory	Enabled
Named Pipes	Disabled
TCP/IP	Enabled

Firewall Settings

<https://msdn.microsoft.com/en-us/library/cc646023.aspx>

Port Exceptions:

- SQL Server TCP 1433
- SQL Server Browser UDP 1434
- SSAS TCP 2383
- SSIS TCP 135



✓ [medical] Settings

Collation: SQL_Latin1_General_CP1_CI_AS

Recovery model: Full

Compatibility level: SQL Server 2008 (100)

Other options:

☐ **Automatic**

Auto Close	False
Auto Create Statistics	True
Auto Shrink	False
Auto Update Statistics	True
Auto Update Statistics Asynchronously	False

☐ **Cursor**

Close Cursor on Commit Enabled	False
Default Cursor	GLOBAL

☐ **Miscellaneous**

ANSI NULL Default	False
ANSI NULLS Enabled	False
ANSI Padding Enabled	False
ANSI Warnings Enabled	False
Arithmetic Abort Enabled	False
Concatenate Null Yields Null	False
Cross-database Ownership Chaining Enabled	False
Date Correlation Optimization Enabled	False
Numeric Round-Absort	False
Parameterization	Simple
Quoted Identifiers Enabled	False
Recursive Triggers Enabled	False
Trustworthy	False
VarDecimal Storage Format Enabled	True

☐ **Recovery**

Page Verify	TORN_PAGE_DETECTION
-------------	---------------------

☐ **Service Broker**

Broker Enabled	False
Honor Broker Priority	False
Service Broker Identifier	c6db20e3-3fbc-4e11-bd5d-548f9f9dc5d8

☐ **State**

Database Read-Only	False
Database State	NORMAL
Encryption Enabled	False
Restrict Access	MULTI_USER

Space Concerns:

Click here to expand...

Script Help

Database name: medical

Owner: sa

☒ Use full text indexing

Database files:

Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth	Path	File Name
medical	Rows ...	PRIMARY	3040	By 1 MB, unrestricted growth	D:\MSSQL10.MSSQLSERVER\MSSQL\DATA	medical_restore.mdf
medical_log	Log	Not Applicable	5836	By 10 percent, restricted growth t...	D:\MSSQL10.MSSQLSERVER\MSSQL\DATA	medical_restore_1.LDF

medical_testv76

Script Help

Database name:

Owner:

☒ Use full-text indexing

Database files:

Logical Na...	File Ty...	Filegroup	Initial Size (...)	Autogrowth	Path	File Name
medical	Rows...	PRIMARY	2414	By 1 MB, unrestricted growth	D:\MSSQL10.MSSQLSERVER\MSSQ...	medical_testv76.mdf
medical_log	Log	Not Applic...	7062	By 10 percent, restricted gro...	D:\MSSQL10.MSSQLSERVER\MSSQ...	medical_testv76_1.LDF

Database name:

Owner:

☒ Use full-text indexing

Database files:

Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth	Path	File Name
FRAMESdata	Rows ...	PRIMARY	600	By 100 MB, unrestricted growth	D:\MSSQL10.MSSQLSERVER\MSSQL\DATA	FRAMESdata.mdf
FRAMESdat...	Log	Not Applicable	300	By 100 MB, restricted growth to 2...	D:\MSSQL10.MSSQLSERVER\MSSQL\DATA	FRAMESdata_log.ldf

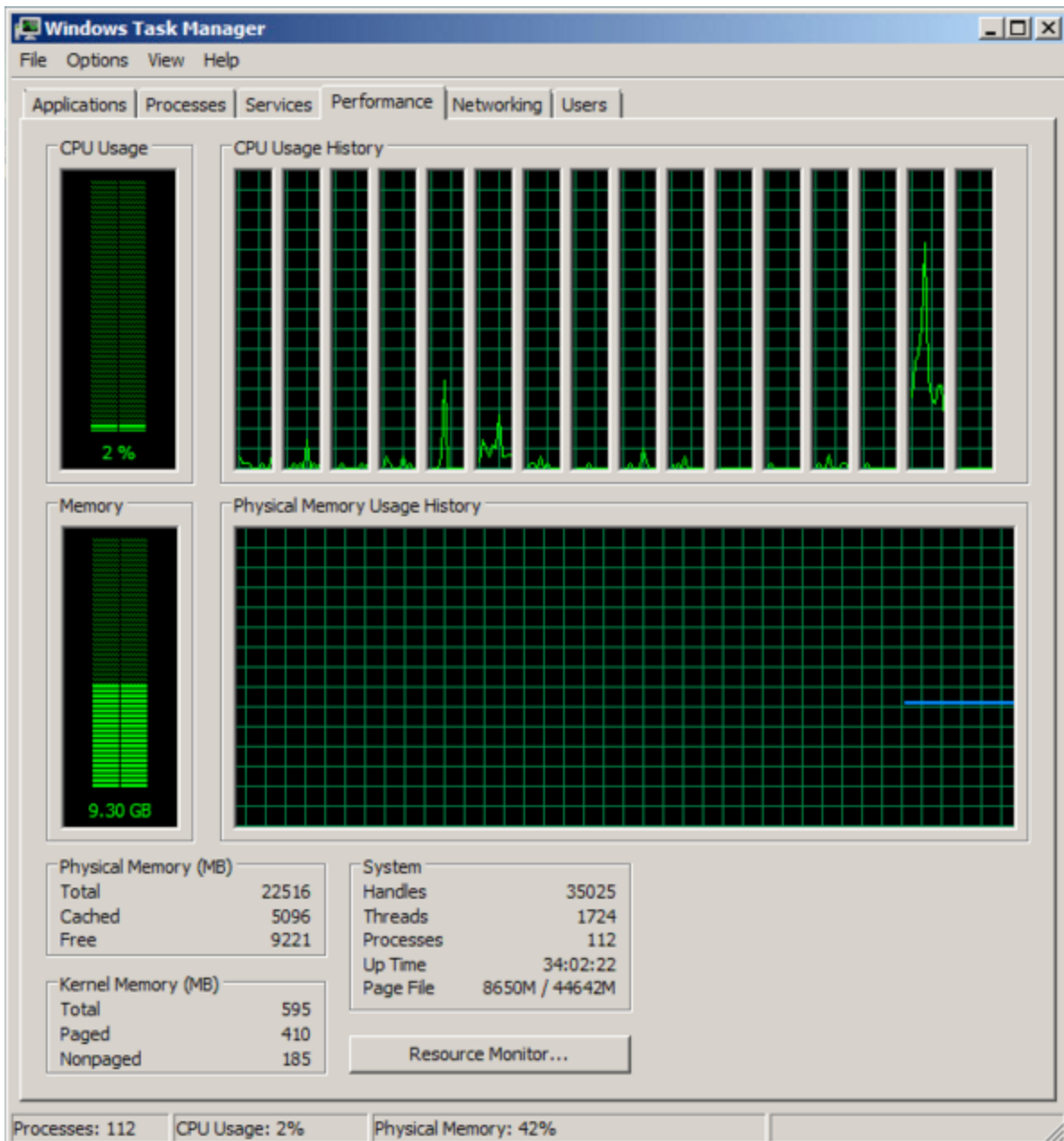
Name	Type	Total Size	Free Space
Hard Disk Drives (2)			
Local Disk (C:)	Local Disk	68.3 GB	10.4 GB
HP RDX (D:)	Local Disk	558 GB	191 GB

Analysis:

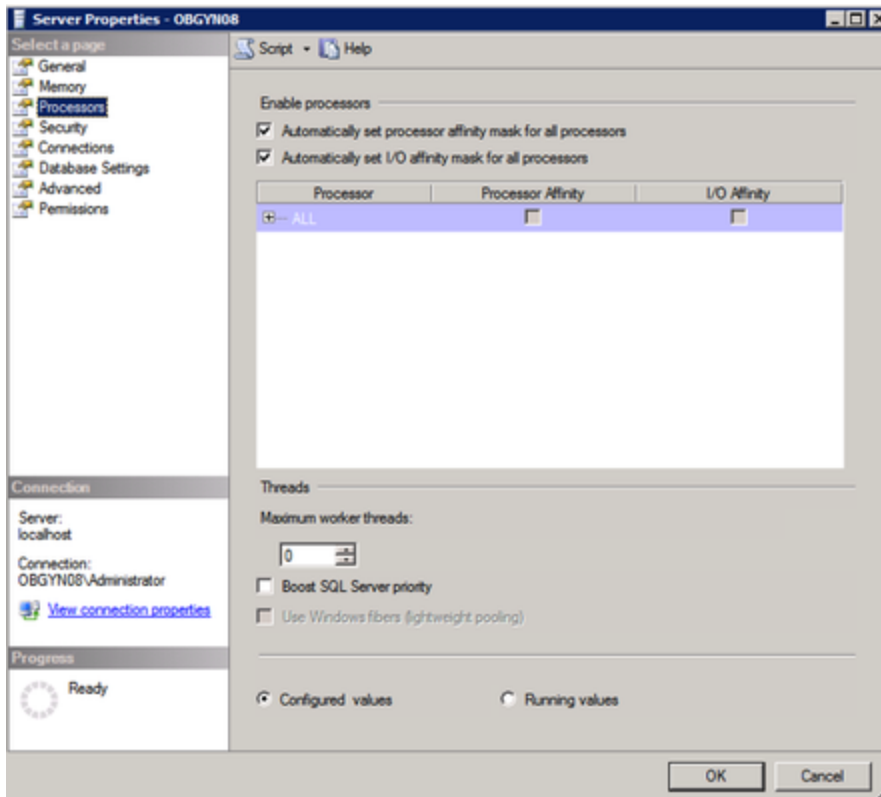
- Recommend at least 1 TB for the new server, especially since there is only one drive
- In total, all three databases take up about 15 GB in the D:\ drive. Seeing that the D:\ drive has 191 GB of free space, there is still plenty of space for the databases to grow.

CPU Concerns:

Click here to expand...



CPU 2% 100% Maximum Frequency					
Image	PID	Description	Threads	CPU	Average CPU
g2host.exe	2692	GoToMyPC ScreenSharing plugin	13	2	1.93
perfmon.exe	4532	Reliability and Performance Monitor	9	0	0.37
services.exe	700	Services and Controller app	9	0	0.16
g2comm.exe	1144	GoToMyPC Communications	71	0	0.11
sqlservr.exe	2912	SQL Server Windows NT - 64 Bit	131	0	0.10
DSRVTL2.EXE	2352		7	0	0.09
taskmgr.exe	8584	Windows Task Manager	5	0	0.07
System	4	NT Kernel & System	249	0	0.05
cqmghost.exe	4680	Foundation Agent Service	9	0	0.04
MEDLICSRV.EXE	2056		4	0	0.04



Analysis:

- During business hours, the total CPU usage remains around 2%.
- The old server has 8 Cores and 16 Logical Processors, however the new one only has 1 Core and 1 Logical Processor. Target should not be less than Source and should have at the very least 2 cores

Target Server - <hostname> <IP>

✓ [Click here to expand...](#)

Requirements

✓ [Checklist](#)

	Required	Notes
<input type="checkbox"/>	Mixed Authentication Enabled	
<input type="checkbox"/>	Needed SQL Server Services /Tools Installed (ex. SSMS, SSIS, SSAS, SSDT)	Is the dedicated login (GECCO\SQLAdmin) available? Ensure that SQL Server Agent has "automatic" startup type
<input type="checkbox"/>	Latest SP and CU installed	https://support.microsoft.com/en-us/help/321185/how-to-determine-the-version-edition-and-update-level-of-sql-server-an 2017 CU 13 is the latest
<input type="checkbox"/>	Valid version of SQL Server Installed (Must be no later than 2012)	Microsoft SQL Server 2017 (RTM-CU13) (KB4466404) - 14.0.3048.4 (X64) Nov 30 2018 12:57:58 Copyright (C) 2017 Microsoft Corporation - Standard Edition (64-bit) on Windows Server 2016 Standard 10.0 <X64> (Build 14393:) (Hypervisor)

<input type="checkbox"/>	Memory, CPU, Storage Check In general: <ul style="list-style-type: none"> Should not be less than Source At the very least 2 cores Can use DMVs/Perfmon counters to monitor performance 	<ul style="list-style-type: none"> 12 Cores & 12 logical processors 24 GB of RAM (old one had 22 GB) 1TB of free storage in C:\
<input type="checkbox"/>	Check SQL Config Manager for Network Protocols	Shared Memory & TCP/IP enabled
<input type="checkbox"/>	Check firewall settings	Firewall turned off in source server
<input type="checkbox"/>	Windows Activation	
<input type="checkbox"/>	Check SQL Instance	Named instance used
<input type="checkbox"/>	Check Drives	C:\ only. Recommend that a separate drive be provisioned for backups.

Specs:

System Info

Item	Value
OS Name	Microsoft Windows Server 2008 R2 Standard
Version	6.1.7601 Service Pack 1 Build 7601
Other OS Description	Not Available
OS Manufacturer	Microsoft Corporation
System Name	MEDSERV
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System Model	PowerEdge T410
System Type	x64-based PC
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Processor	Intel(R) Xeon(R) CPU E5607 @ 2.27GHz, 2261 Mhz, 4 Core(s), 4 Logical Processor(s)
BIOS Version/Date	Dell Inc. 1.6.3, 2/1/2011
SMBIOS Version	2.6
Windows Directory	C:\Windows
System Directory	C:\Windows\system32
Boot Device	\Device\HarddiskVolume1
Locale	United States
Hardware Abstraction Layer	Version = "6.1.7601.24214"
User Name	Not Available
Time Zone	Central Standard Time
Installed Physical Memory (RAM)	12.0 GB
Total Physical Memory	12.0 GB
Available Physical Memory	465 MB
Total Virtual Memory	24.0 GB
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SQL Server Network Protocols

Protocol Name	Status
Shared Memory	Enabled
Named Pipes	Disabled
TCP/IP	Enabled

Firewall Settings

Windows Firewall with Advanced Security

File Action View Help

← → ? ↻

Windows Firewall with Advanced S

Inbound Rules

Outbound Rules

Connection Security Rules

Monitoring

Windows Firewall with Advanced Security on Local Computer

Windows Firewall with Advanced Security provides network security for Windows compute

Overview

Domain Profile is Active

Windows Firewall is off.

Private Profile

Windows Firewall is off.

Public Profile

Windows Firewall is off.

Windows Firewall Properties

Space Concerns:

Click here to expand...

Devices and drives (2)

Local Disk (C:)

983 GB free of 0.99 TB

DVD Drive (D:)

SSS_X64FREE_EN-US_DV9

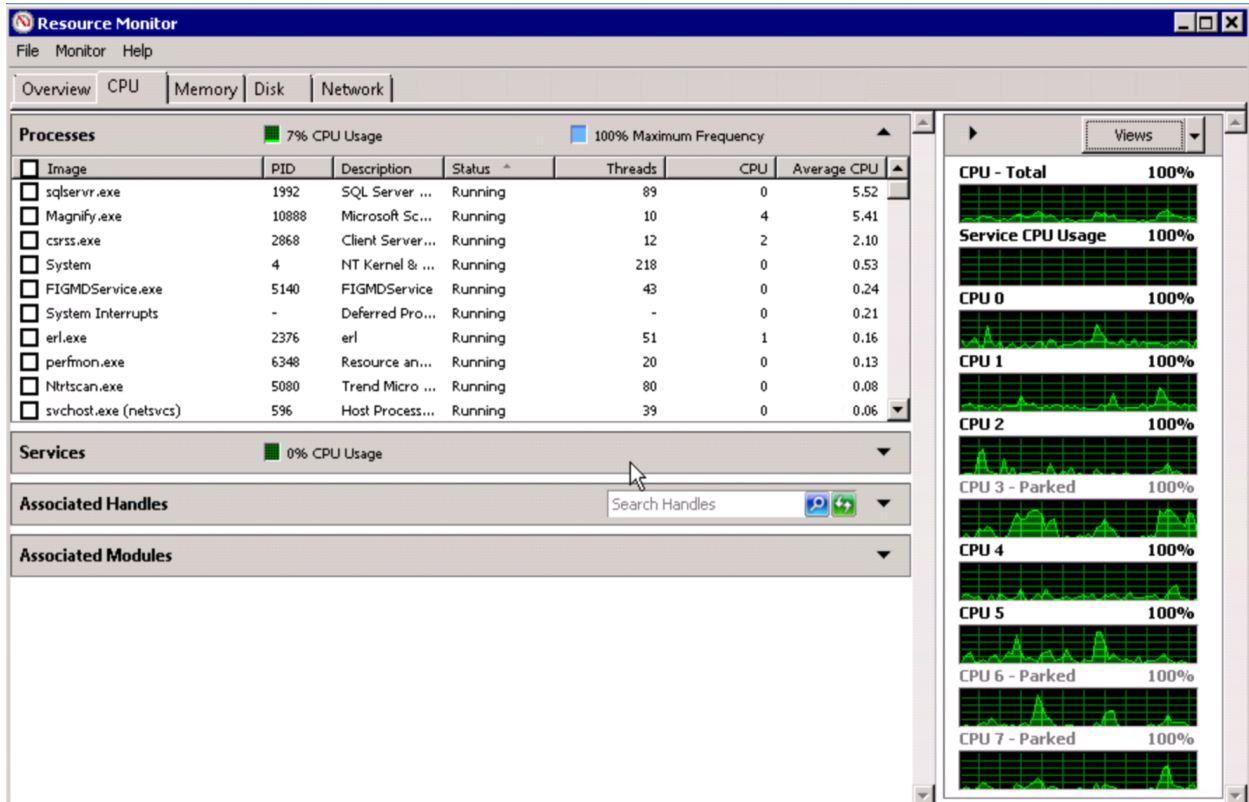
0 bytes free of 4.95 GB

Analysis:

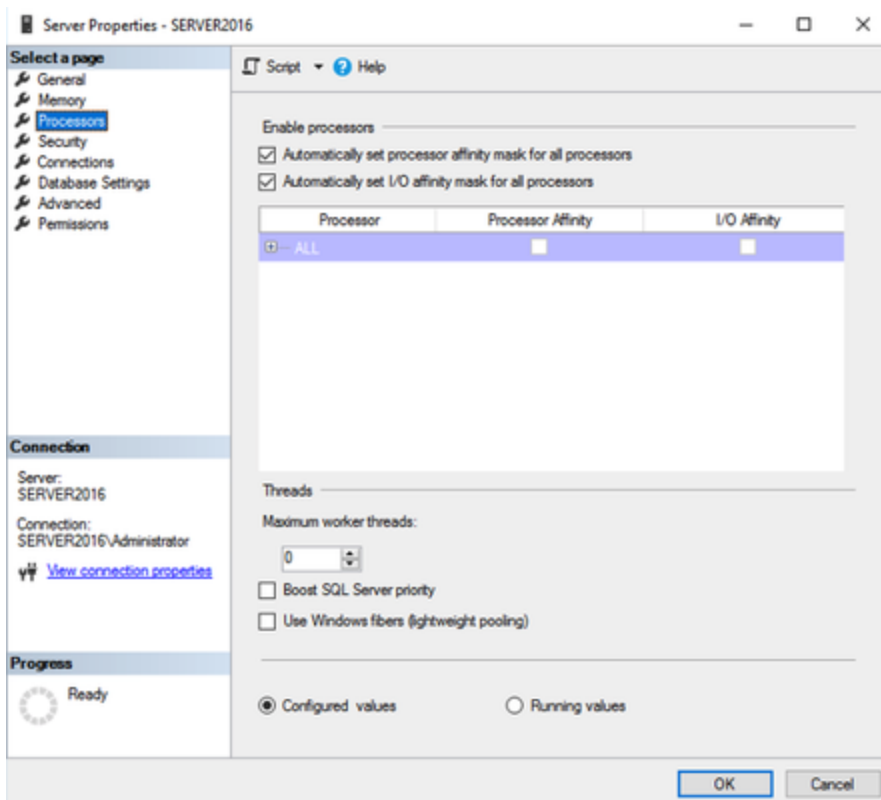
- In total, all three databases take up 46,933 MB in the E:\ drive. However, the E:\ drive only has 161 MB of free space left. More space is definitely needed here.

CPU Concerns:

✓ [Click here to expand...](#)



CPU 2% 100% Maximum Frequency					
Image	PID	Description	Threads	CPU	Average CPU
g2host.exe	2692	GoToMyPC ScreenSharing plugin	13	2	1.93
perfmon.exe	4532	Reliability and Performance Monitor	9	0	0.37
services.exe	700	Services and Controller app	9	0	0.16
g2comm.exe	1144	GoToMyPC Communications	71	0	0.11
sqlservr.exe	2912	SQL Server Windows NT - 64 Bit	131	0	0.10
DSRVTL2.EXE	2352		7	0	0.09
taskmgr.exe	8584	Windows Task Manager	5	0	0.07
System	4	NT Kernel & System	249	0	0.05
cqmghost.exe	4680	Foundation Agent Service	9	0	0.04
MEDLICSRV.EXE	2056		4	0	0.04



Analysis:

- On average, the total CPU usage is at about 0% (which makes sense, since it is not active yet). However, there is an unusually high activity on "CPU 4 (Node 1)"
 - Verified that processor affinity settings are vanilla (which is how they are in the old server)

Migration Tasks

Prerequisites

- ☐ Create spreadsheet to log time changes were made
- ☐ Review instance level settings
- ☐ IT needs to install latest SP and CU
- ☐ IT needs to provide dedicated service account: <https://docs.microsoft.com/en-us/sql/ssms/agent/select-an-account-for-the-sql-server-agent-service?view=sql-server-2016#windows-domain-account-permissions>
- ☐ Setup SSRS and other services using dedicated service account
- ☐ Copy FULL backup to new instance and use to create dummy [medical]
- ☐ Address non-MI databases?
- ☐ IT needs to re-create Windows logins
- ☐ IT needs to be aware of resource limitations
- ☐ IT needs to be aware of network latency
- ☐ Speak with IT about Backup / Recovery Strategy
- ☐ Create SSIS Proxy (none)
- ☐ Audit rephtml.tbl on the application server
 - ☐ See if site uses Crystal Reports or some other reporting platform that requires an ODBC connection – doesn't seem like it

☐ Script out usr (and other logins)

Before exporting, "medical" must already exist in the new server (it is the "default" database for some of the users).

-export_sql_logins.sql

* Run this on the old server

- exec sp_help_revlogin

* Modify the script to set the file locations and ownership.

* This will show all the Login accounts that we may port over. Run this by the client.

* Anything with ## we do not need

* Also avoid BUILTIN\Administrators, NT AUTHORITY\SYSTEM, etc...

- user_accounts_to_export.sql

* Generate this script to run on the new server

- We may need to discuss with the client about some of the users.

☐ map mwuser to usr

```
Use [$databaseName];
```

```
GO
```

```
ALTER USER OrphanUser WITH LOGIN = correctedLoginName
```

☐ Grant mwuser rights to MI objects

```
grant select, insert, update, delete to mwuser
```

```
grant exec to mwuser
```

☐ Script out and re-create SQL Jobs (exclude ones from Maintenance Plans)

☐ Review file paths carefully. Change file path as necessary to match target server.

☐ Disable the SQL Agent job(s) on target server until we cut over.

☐ DB Mail Accounts and Profiles (pending Support)

☐ Maintenance Plans (via Wizard)

☐ Configure Server Settings

☐ Configure DB Settings

☐ Configure Firewall Port Exceptions

☐ UDP port 1434 may need to be opened and the SQL Browser enabled

☐

☐ Configure network protocols

☐ Enable "Optimize for Ad hoc Workloads" setting

☐ Enable "Compress backup" setting

- Everything is quicker. The only downside is CPU or increased IO performance (which isn't an issue for most clients)
- The only time not to run backup compression is if it's a VLDB and there was some rto that decompressing the backup couldn't meet.

- ☐ Re-enable xp_cmdshell (for Import NC Job)
- ☐ Set Min Server Memory to 1 GB (1024 MB recommended)
- ☐ Set Max Server Memory to 26 GB (usually 80% of server memory; should leave 2GB+ for the OS and 2GB+ for the application)
- ☐ Enable Database Mail XPs (for Patient Portal notifications)
- ☐ Re-install Dashboard? Support will handle
- ☐ Migrate SSIS package **and directory** (for custom packages, wait for confirmation from 3rd party)
 - ☐ If conducting dtsx testing in BIDS/SSDT, ensure that [medical] logs don't blow up
- ☐ Install BIDS/SSDT/VS
- ☐ Move over C:\MEDINFO directory (used by SSIS packages: C:\MEDINFO\exporteddata\) -- inform client!
- ☐ Migrate SSAS database(s)
- ☐ Disable SA Login?? No, but inform them of new SA password!
- ☐ Investigate and recreate any other server-level objects:
 1. Backup devices - None
 2. End points - None
 3. Linked Servers and Linked Logins - None
 4. SQL Server Agent Proxies - None
 5. Credentials - Completed
 6. Replication - None
 7. Impersonation Rights - None
 8. Operators - None
- ☐ Coordinate w/ Eddie and other technicians (ex. Interface, HDL, Support)
- ☐ Check for "orphaned" users (EXEC sp_change_users_login 'REPORT'). If exists, see which logins it should be associated with. Otherwise, delete the user during migration.
- ☐ Test SQL Jobs
- ☐ Test "Import NC Files" job

****If the application is not being moved, then the directory structure for eRX may not be present yet. In this case, move ERX HTTP downloader and dll's to the target server.**

```
select * from clparms as [a] where l=1 and a.code='erx' and a.skey= 'up'
```

This will show where ALPHA1 & 3 points to

If they point to old server, the download will fail. This must be updated to point to the new directory

Test using something like:


```
exec util_newcrop_import @filename='NCTSV-201907.EXE',
@checkSyslog = 0, @debug = 1 --using last month's file
```

If files are downloaded, then erx downloads are working

- ☐ Confirm whether the source will continue to be online. Recommend that they keep old server alive for at least 1 week!
- ☐ Remind client that new server will be renamed!

▼ The Day Of

- ☐ Contact client to confirm plan
- ☐ Create spreadsheet to log time changes were made

	Task Description	Time Completed (Time Zone)	Notes
<input type="checkbox"/>	Make sure users are off		
<input type="checkbox"/>	Disable jobs in source server		
<input type="checkbox"/>	At specified start time, place [medical] in "read-only" mode		Properties > Options (NOT take offline) Color will become grey <pre>USE [master] GO ALTER DATABASE [medical] SET READ_ONLY WITH ROLLBACK IMMEDIATE -- NO_WAIT GO</pre>
<input type="checkbox"/>	Take FULL backup of databases		Take a "copy only" backup and "verify backup integrity." It is easier to kick off the backup manually, instead of using a job.
<input type="checkbox"/>	Transfer backup files to new server		
<input type="checkbox"/>	Drop "bogus" database in new server		When dropping, be sure to "close existing connections"
<input type="checkbox"/>	Restore backups to new instance		Make sure that checkboxes are not checked Query into the new database (select top 10 * from clmaster)
<input type="checkbox"/>	Set databases from "read-only" to "read-write"		

<input type="checkbox"/>	Check Login Permissions		<p>Map mwuser to usr</p> <pre> Use [\$databaseName]; GO ALTER USER OrphanUser WITH LOGIN = correctedLoginName </pre> <p>Grant mwuser rights to MI objects</p> <pre> grant select, insert, update, delete to mwuser grant exec to mwuser </pre>
<input type="checkbox"/>	Create SSIS Proxy (none)		
<input type="checkbox"/>	Re-import SSIS packages with updated directories (no need)		
<input type="checkbox"/>	Shrink logs (if autogrowth has kicked in)		
<input type="checkbox"/>	Change TL autogrowth from 10% to 1024 MB (w/ initial size 1024 MB)		<p>May have to be done while in SIMPLE recovery model (N/A in this case)</p> <p>Remember that when switching back to FULL, a full backup must be taken</p> <p>If you set it to grow in 1024MB increments it will create 8 VLFs each time it grows</p> <p>If you set it to grow at a %, you'll end up with lots of vlfs of varying size over time</p> <p>What would be good to know is how large their tempdb is and extend it accordingly to that size</p> <p>Also helps to create a tempdb for each processor up to around 8</p> <p>Recommended to set each to 1024 and grow at 1024.</p>
<input type="checkbox"/>	Turn off auto shrink		

<input type="checkbox"/>	Test "Import NC Files" job		<p>**If the application is not being moved, then the directory structure for eRX may not be present yet. In this case, move ERX HTTP downloader and dll's to the target server.</p> <pre>select * from clparms as [a] where l=1 and a.code='erx' and a.skey='up'</pre> <p>This will show where ALPHA1 & 3 points to</p> <p>If they point to old server, the download will fail. This must be updated to point to the new directory</p> <p>Test using something like:</p> <pre>exec util_newcrop_import @filename='NCTSV-201807. EXE', @checkSyslog = 0, @debug = 1 --using last month's file</pre> <p>If files are downloaded, then erx downloads are working</p>
<input type="checkbox"/>	Check for "orphaned" users		<pre>EXEC sp_change_users_login 'REPORT'</pre> <p>If exists, see which logins it should be associated with. Otherwise, delete the user.</p>
<input type="checkbox"/>	Ensure server computer name has been renamed		https://msdn.microsoft.com/en-us/library/ms143799.aspx
<input type="checkbox"/>	Point MI to new database		Restart MI Services (Net Services) and Redirector Service, then make sure that the database is pointed to the new one (MSETUP)
<input type="checkbox"/>	Conduct unit testing		Try adding a middle name to a test patient and verify the change in CLMASTER
<input type="checkbox"/>	Re-enable jobs		
<input type="checkbox"/>	Take full backup of [medical]		
<input type="checkbox"/>	Set old databases to offline		<p>Tasks > Take offline</p> <p>--use this if hanging</p> <pre>ALTER DATABASE <dbname> SET OFFLINE WITH ROLLBACK IMMEDIATE</pre>
<input type="checkbox"/>	Backup and restore the SQL Server Agent job history and maintenance plan history		You can restore msdb as a different db name on the new server and export out of it if need be.

<input type="checkbox"/>	Run DBCC UPDATEUSAGE on restored database DBCC ('<database_name>') WITH COUNT_ROWS		
<input type="checkbox"/>	Run dbcc checkdb <div>dbcc checkdb ('medical') WITH NO_INFOMSGS , ALL_ERRORMSGS</div>		<p>This should come back very clean While this is running, the database is still usable Log: "Run Successfully -- No issues"</p> <div>select * from sys.dm_exec_requests</div> <p>This will allow us to see where "dcbb checkdb" is</p> <p>DBCC commands may run over the weekend if jobs are setup</p>
<input type="checkbox"/>	Rebuild Indexes		
<input type="checkbox"/>	Review SQL log for any errors		
<input type="checkbox"/>	Update statistics (sp_updatestats)		Is this necessary after a rebuild index? (http://www.sqlskills.com/blogs/paul/search-engine-qa-10-rebuilding-indexes-and-updating-statistics/)
<input type="checkbox"/>	Remove tmp backups in both target and source servers		

- ☐ Update SF connect info
- ☐ Update SF "Microsoft SQL Server Version" field
- ☐ Send time log to client
- ☐ Baseline the new server and analyze its performance metrics
- ☐ Set Compatibility Level to newest level after testing

Related articles

- [Targeted Database Migration Checklist: Newport Diagnostic Center](#)
- [\[Template\] Targeted Database Migration Checklist: <client name>](#)
- [\[External\] \[In-Progress\] Database Migration PowerShell Commands](#)
- [Targeted Database Migration Checklist: <Cuidado Latino Medical Clinic>](#)
- [Targeted Database Migration Checklist: Main Street Family Practice](#)