How to Configure Network Data Storage

This article describes how to configure AGCC so user can store data on a central network location. There are two parts for the network data storage to be accessible in AGCC:

- 1. AGCC services need to be configured as a domain user who has access to the central network location. (see Part 1 "<u>Configuring the AGCC services to run as domain user</u>")
- The central network location must be added as a network data root using AGCC Portal.(see Part 2: Adding network data root using AGCC"

Note: You must be logged in as a user with local administrative rights on the workstation to perform this configuration.

Part 1: Configuring the AGCC services to run as domain user

To configure the AGCC services as a domain user, perform the following steps:





2. Double-Click on the Administrative Tools Icon.



3. Double-click on the Services icon.

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<u>File A</u> ction <u>V</u> iew	<u>File Action View H</u> elp							
Services (Local)	Name 🛆	Description	Status	Startup Type	Log On As	^		
	🖏 .NET Runtime Optim	Microsoft		Manual	Local System			
	AGCCAuditLogger	Affymetrix	Started	Automatic	Local System			
	AGCCIndexer	Affymetrix	Started	Automatic	Local System			
	🆓 AGCCTaskManager	Used by th	Started	Automatic	Local System			
	AGCCWebServer	Affymetrix	Started	Automatic	Local System			
	🆓 Alerter	Notifies sel		Disabled	Local Service			
	🆓 Altiris Agent	Enables re	Started	Automatic	Local System			
	Application Layer G	Provides s	Started	Manual	Local Service			
	Application Manage	Provides s		Manual	Local System			
	🖏 ASF Agent		Started	Automatic	Local System			
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	🆓 ClipBook	Enables Cli		Disabled	Local System			
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	Computer Browser	Maintains a	Started	Automatic	Local System	~		
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- 4. Right-click on AGCCAuditLoger and select Properties.
- 5. Click the "Log On" tab.



6. Change the Log on as: to "This account".

How to Configure Network Data Storage Version 1.0

- 7. Enter a domain user name and password that has access to the network data roots.
 - a. Contact your Information Technology department if you have questions about domain user names.
 - b. Note, the services can only run as one user, so select the user that has access to all of the network data roots that will be used with the system.

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🍓 Services (Local)	Name 🛆	Description	Status	Startup Type	Log On As	~		
	🍓 .NET Runtime Optim	Microsoft		Manual	Local System			
	🍓 AGCCAuditLogger	Affymetrix	Started	Automatic	Local System			
	🍓 AGCCIndexer	Affymetrix	Started	Automatic	Local System			
	🏶 AGCCTaskManager	Used by th	Started	Automatic	Local System			
	🏶 AGCCWebServer	Affymetrix	Started	Automatic	Local System			
	🆓 Alerter	Notifies sel		Disabled	Local Service			
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	🆓 Application Layer G	Provides s	Started	Manual	Local Service			
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	🍓 Ati HotKey Poller		Started	Automatic	Local System			
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	🍓 Computer Browser	Maintains a	Started	Automatic	Local System	~		
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Right-click on AGCCIndexer and select Properties.
 Click the "Log On" tab.



- 11. Change the Log on as: to "This account".12. Enter the domain user name and password from Step 7.

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🍓 Services (Local)	Name 🛆	Description	Status	Startup Type	Log On As	^		
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	AGCCIndexer	Affymetrix	Started	Automatic	Local System			
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14. Right-click on AGCCTaskManager and select Properties. 15. Click the "Log On" tab.

AGCCTaskManager Pr	operties (Local Computer	r) 🔹 🔁					
General Log On Reco	overy Dependencies						
Log on as: <u>L</u> ocal System accou	nt nteract with desktop						
⊙ <u>I</u> his account:	Affymetrix_com\jtnguy	Browse					
Password:	•••••						
<u>C</u> onfirm password: You can enable or disab	ble this service for the hardware p	profiles listed below:					
Hardware Profile		Service					
Profile 1		Enabled					
<u>Enable</u> Disable							
	OK Cano	el <u>A</u> pply					

16. Change the Log on as: to "This account".

17. Enter the domain user name and password from Step 7.

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🇞 Services (Local)	Name 🛆	Description	Status	Startup Type	Log On As	^	
	🖏 .NET Runtime Optim	Microsoft		Manual	Local System		
	aGCCAuditLogger	Affymetrix	Started	Automatic	Local System		
	AGCCIndexer	Affymetrix	Started	Automatic	Local System		
	🏶 AGCCTaskManager	Used by th	Started	Automatic	Local System		
	AGCCWebServer	Affymetrix	Started	Automatic	Local System		
	🖏 Alerter	Notifies sel		Disabled	Local Service		
	🏶 Altiris Agent	Enables re	Started	Automatic	Local System		
	Application Layer G	Provides s	Started	Manual	Local Service		
	🏶 Application Manage	Provides s		Manual	Local System		
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	ASP.NET State Serv	Provides s		Manual	Network S		
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	🏶 Automatic Updates	Enables th	Started	Automatic	Local System		
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	🖏 ClipBook	Enables Cli		Disabled	Local System		
	COM+ Event System	Supports S	Started	Manual	Local System		
	🖏 COM+ System Appli	Manages t		Manual	Local System		
	Computer Browser	Maintains a	Started	Automatic	Local System	~	
	Extended Standard						

19. Right-click on AGCCWebServer and select Properties.
 20. Click the "Log On" tab.

AGCCWebServer Properties (Local Computer)						
General Log On Recovery Dependencies						
Log on as:						
Local System account Allow service to interact with desktop						
Ihis account: Affymetrix_com\itnguy Browse						
Password:						
Confirm password:						
You can enable or disable this service for the hardware profiles listed below:						
Hardware Profile Service						
Profile 1 Enabled						
<u>Enable</u> Disable						
OK Cancel Apply						

22. Enter the domain user name and password from Step 7.

Services							
File Action View	Help						
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🆏 Services (Local)	Name 🛆	Description	Status				
	🍓 .NET Runtime C	Optim Microsoft					
	AGCCAuditLor		Started				
	🍓 AGCCIndexer	Start	Started				
	🆏 AGCCTaskMai	Stop	Started				
	🍓 AGCCWebSer	Pause	Started				
	🍓 Alerter	Resume					
	🍓 Altiris Agent 🚦	Restart	Started				
	🍓 Application La	All Tasks 🔹 🕨 💀	Started				
	🍓 Application Ma						
	🆏 ASF Agent	Refresh	Started				
	🆓 ASP.NET Stat	Properties					
	🆓 Ati HotKey Po -		Started				
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	Computer Brow	ser <u>Maintains a</u>	Started				
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Stop and Start service AG	CCAuditLogger on L	.ocal Computer					

24. Right-click on AGCCAuditLogger and select Restart.



25. Click **Yes** to confirm restart other services.

Services						×	
<u>File A</u> ction <u>V</u> iew	<u>H</u> elp						
🍇 Services (Local)	Name 🔺	Description	Status	Startup Type	Log On As	^	
	🖏 .NET Runtime Optim	Microsoft		Manual	Local System		
	aGCCAuditLogger	Affymetrix	Started	Automatic	Local System	=	
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	🆏 ClipBook	Enables Cli		Disabled	Local System		
	🦓 COM+ Event System	Supports S	Started	Manual	Local System		
	🖏 COM+ System Appli	Manages t		Manual	Local System		
	Computer Browser	Maintains a	Started	Automatic	Local System	~	
	Extended Standard						

26. Right-click on AGCCWebServer and select Restart.

Part 2: Adding network data root using AGCC

To add the network data storage as a data root in AGCC Portal, perform the following steps:



2. Navigate to **Data -> Data Roots -> Add**.

🛿 Affymetrix GeneChip Command Console Portal - Add Data Root - Microsoft Internet Explorer							
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp				2			
😮 Back 🝷 💿 🗧 😭 🔎 Search 🤆 Favorites 🚱 🍰 🔜 🦓							
Address 🚳 http://localhost:8000/AffyWeb/AddDataRoot.aspx			💌 🄁 Go	Links »			
Search Files By: 😰 🛛 Array	y Name 🔽	(Use * for wildcard) ² Advanced Search	٩	~			
HOME DATA SAMPLES ADMINIS	TRATION HELP						
Add Data Root							
Data Roots							
C:\Command_Console\Data							
Available folders							
German G	New data root	\\ServerName\Share	Add				
⊞-							

3. Enter the full UNC path in the "New data root" text box.

Note: Mapped network drive should not be used (e.g. H:\). Enter the full UNC path in the following format: \\servername\share

- 4. Click Add.
- 5. Click on **Data->Folder View**.
- 6. Click on the network data root that was added in step 3.

Ę	🗿 Affymetrix GeneChip Command Console Portal - Folder View - Microsoft Internet Explorer						
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1	Address 💩 http://localhost:8000/AffyWeb/FolderViewer.aspx						
	Search Files By: 💷 🛛 Ana	y Name 💉		(Use * for	wildcard) 🧧 Advanced Search		
	HOME DATA SAMPLES ADMINIS	TRATION HE	LP				
	Folders	Current Folder:	\\jnpc\share 🔳				
	[share]	Open Add Subfolder Rename					
	Cancer2 [Cancer1, Cancer2]	View Default View Customize File filter Show Affymetrix V Customize					
	I Cancer3 [Cancer3]						
		11 Files, 0 Select	ed Select A	All Unselee	ct All Command to Run <select a="" c<="" th=""></select>		
		<u>Selected File Na</u>	<u>me Pro</u>	roject Array ame Name	<u>Barcode</u>		
		— — <u>133</u> ;	. <u>.ARR</u> sha	are 133a	@51068100252003030704300131568507		
		D D <u>133</u> /	<u>4.ARR</u> sha	are 133A_2	@52006500585808072007402213276236		

- 7. If you can see the data on the right hand side, you've configured correctly.
 - a. Note, there is a slight delay after adding a Network Data root until the files are indexed by the system. Thus searches performed shortly after the addition of the network data roots may not return all of the expected results. If the search does not contain the expected results after waiting several minutes check that the services are running as a user that has permission to the network folder (see Part 1 "<u>Configuring the AGCC</u> <u>services to run as domain user</u>").
- 8. To share this network data root for other AGCC workstations or AGCC Workgroup server, perform steps 1-4 on each workstation/server that you want to configure the network data root.