Gladinet Cloud Server

Administration Guide

Gladinet, Inc. 3/25/2015

This document discusses the Gladinet Cloud Server Technology

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Overview of Gladinet Cloud Server

Public cloud storage solutions have become increasingly convenient as they enable anywhere access to files and folders from web browsers, desktops, and mobile devices. With sync and share capabilities, it is also very easy for team members to collaborate over the Internet. However, the file server on the local area network (LAN) in your office still provides the key file storage and collaboration capabilities through network shares. As an enterprise you would like to adopt cloud storage technology along with all its new capabilities, however, you just cannot get rid of your file servers. Even if file servers were easy to replace, you still need a way to migrate all their data. It even gets more complicated when you need to collaborate across multiple file servers in multiple sites.

Enterprises need a way to access file server content over the Internet, migrate file server content to cloud storage and present a unified namespace across all distributed file servers. Businesses have traditionally relied on virtual private network (VPN) solutions to access corporate data. However, with a VPN, you will need additional solutions to enable mobile access, web browser based access, sync & share, and team collaboration functionalities.

Gladinet Cloud Server (Server Agent) technology allows you to turn your file servers into cloud servers to migrate the file server shares to the cloud seamlessly. During migration the existing share permissions are also migrated to the cloud. Sever Agent technology turns any Windows file server into private cloud storage that can be accessed from anywhere using any device using existing identities and permissions.



Installation

You can download and install the Cloud Server Agent software directly from the web portal. Once you login you will see the clients' download icon under your email or under Gladinet

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Cloud in the right pane. Complete the following steps to install and Cloud Server Agent software on your file server.

1. Login to the web portal and click on the 'Download clients' icon in the right pane.



2. Select the 'Gladinet Cloud Server Agent' client and click on the 'Go' button.

	Gladinet Cloud Deskt	op Client (Windows)
Installs on a (Windows XP, Vist	a, 7, 8, 8.1) Intel x86/x64 PC, acce machi	ss your storage account as a local drive, sync file across multiple nes.
Windows XP	Windows * Windows *	Download 64-bit Package 6.2.1467 🗾 Go
Runs as a windows service. Oper	Gladinet Cloud	Server Agent cloud file server or used as proxy agent to migrate your existing
(P)	file server or active	e directory users.
Windows Server 2003	Windows Server 2008 s Server 2012	Download 64-bit Package 6.2.1467 💌 Go
ACCUMICS SAME		

3. Click 'Next' on the 'Welcome' screen.

🖟 Cloud Server Agent
Welcome to the Cloud Server Agent Setup Wizard
The installer will guide you through the steps required to install Cloud Server Agent on your computer.
WARNING: This computer program is protected by convict law and international treaties
Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Consel Control Neutro
Lancei K Back Next >

4. Select 'I Agree' on the 'License Agreement' window and click 'Next'.

🖶 Cloud Server Agent			_ 🗆 🗙
License Agreement			
Please take a moment to read th Agree", then "Next". Otherwise	e license agreement now. click ''Cancel''.	If you accept the terms be	elow, click ''l
Last Modified: August	ist, 2012		
Gladinet Terms of Se	rvice		
Please read these terms a contract between you access and use of: (i) th online storage, sharing a	of service (these "T and Gladinet (We or hosted storage solution and processing of files	erms") carefully as Our) that governs y ition provided by Glad s, data, text, audio, vi	they form your dinet for deo,
C I Do Not Agree	I Agree		
	Cancel	K Back	Next >

5. Click 'Next' on the 'Confirm Installation' window.

🙀 Cloud Server Agent	_ 🗆 🗙
Confirm Installation	
The installer is ready to install Cloud Server Agent on your computer. Click "Next" to start the installation.	
Cancel < Back 1	Next >

6. Let the install continue.

🛱 Cloud Server Agent			
Installing Cloud Server	Agent		
Cloud Server Agent is being installed			
Cioda Servei Agent is being installed.			
Please wait			
	Cancel	< Back	Next>

7. Click 'Close' on the 'Installation Complete' window.

🙀 Cloud Server Agent	_ 🗆 X
Installation Complete	
Cloud Server Agent has been successfully installed.	
Click "Close" to exit.	
Please use Windows Update to check for any critical updates to the .NET Framework.	
Cancel < Back (Close

8. Restart after the installation is complete.

🙀 Cloud Server Agent	×
You must restart your system for the ca take effect. Click Yes to restart now o	onfiguration changes made to Cloud Server Agent to r No if you plan to manually restart later.
Yes	No

Administration and Configuration

Gladinet Cloud Server (Server Agent) runs as a Windows Service in the background. Since it is a background service, it always runs regardless of the users logging into the server. However, the administration of the server agent is done via a Windows application – the Cloud Server Console. You need to log into the server console to use the Gladinet Server Agent Management Console for administrative related tasks.

Cloud Server Console

Gladinet Cloud Server Console will launch automatically after the reboot using the cluster admin or tenant admin credentials that were used to install the software.

Gladinet Cloud Server Management Console Login:

onfigure	e Gladinet Cloud Account					
0	Configure Gladinet Cloud Account					
	User Name (Email):					
	administrator@monarch.local					
	Password:					
	•••••					
	Access Point (http://myhost.com):					
	http://192.168.1.140					
	Proxy Setup					
	Ok Cancel					

Gladinet Cloud Server Management Console can also be launched from Windows Start Programs Menu:

Command Prompt	
Notepad	Administrator
Share and Storage Management	Documents
Gladinet Management Console	Computer
	Network
	Control Panel
	Devices and Printers
	Administrative Tools
	Help and Support
	Run
All Programs	Windows Security
Search programs and files	Log off

Task Manager

Task Manager shows all the system related tasks.

Gladinet Cloud Serve	er Console	لد الله
Task Manager	System Update Task	Next Allen 2015-00587 15 54.45 🜔 🛞
0	System Sync Down Task	Ameri Piner, 2013-02-02 (nr. 54 etc. 🜔 🛞
File Server	System Sync Task	Ama) Pare 2015-02402 (1854 KG 🛛 🔘 🔘
Attach/Backup	System Cache Refresh Task	hand Film 2019-02-02 (16.94 4) 🜔 🛞
Audit Trace		
Settings Manager	👸 My Tasks 🧕 System Activities	
	Edit Account Information	About Gladinat Cloud Servar Agent
Team Edition	Version: 6.2.1467.31540 Connected Upload: 0.000 KB/S	Download: 0.000 KB/S

System Update Task

Task Manager Image: Summing Image:	Gladinet Cloud Serve	r Console				.0
International Participation Image: Summary Participatio		System Update Ta	sk			۲
AttachBackup AttachBackup AttachBackup Audit Trace Image: Start Now Image: Start Now<	File Server	Task Type Status Pending Subtasks Completed Subtasks	Pending 22 Pending T	ESystem Update Task Rending		
Audit Trace Start Now Start Now Pause Audit Trace Start Now Pause Audit Trace My Tasks System Activities Edit Account Information About Gladinet Cloud Set	Atlach/Backup	Recurring Ketry Subtasks Running Subtasks Recurring Last Run Time Next Start Time		2 Vot a Recurring Task 2015-02-07 17:04:01 2015-02-07 17:17:47		
Settings Manager	Audit Trace	Start Now	Pause uw al items	X Delete Task	4	Refresh
	Settings Manager	My Tasks System Act Edd: Account.information	vites			About Gladinet Cloud Server Agen

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'System Update Task' shows all system related update tasks. Server Agent software checks the local file system every 15 seconds and when it notices the changes to the files, the changed files will be added to the upload queue. The real upload time depends on how big the upload queue is and if there is only one file with the changes, the changes to the file will be uploaded to the cloud in 15 seconds.

'Summary' tab shows a summary of all the 'System Update Tasks'. It shows the 'Task Type' where the type is basically the name of the task. It shows the 'Status' as 'Pending' which means that the 'System Update Task' is always looking for changes and is always in 'Pending' state in case there are any updates that needs to occur.

'Pending Subtasks' shows the subtasks which are in pending state and waiting for their turn to get uploaded to the cloud.

'Completed Subtasks' shows the number of upload subtasks that have been completed.

'Pending Retry Subtasks' shows the number of any tasks which are pending retry meaning for some reason the changes for some files were not uploaded to the cloud and hence they are in the 'Pending Retry Subtasks' queue and as soon as their turn comes the changes for files in 'Pending Retry Subtasks' will also be uploaded to the cloud.

'Running Subtasks' shows how many subtasks are currently running.

'Recurring' shows whether it is a recurring task or not.

'Last Run Time' shows the time when the Server Agent software last detected the changes on the local file system and ran to update the files in the cloud.

'Next Start Time' shows the time when the 'Update Task' will run next. The counter increments every 15 seconds.

Administrator can force the updates by clicking on 'Start Now' option in which case the software will run the update tasks right away. You can also use the 'Pause' option to stop the update task from updating local changes to the cloud. 'Delete Task' option allows to delete any tasks for which updates are not desired. 'Refresh' will refresh all the counters on the 'Summary' tab.

'Edit Account Information' link at the bottom allows you to provide different credentials to launch Cloud Server Console and perform management related tasks.

System Sync Down Task

AM	1				
	System Sync Dow	n Task			18
lask Manager	Summary Summary	Pending Spending Retr	y Trace		
	Task Type Status	Sys	tem Sync Down Task ding		
30					
File Server	Pending Subtasks Completed Subtasks				
	Pending Retry Subtasks				
	Running Subtasks	0			
	Returning	Not	a Recurring Task		
March Washing	Last Run Time	201	5-02-07 12:17:08		
Audit Trace	C Start Now	O Pause	X Delete Task	+ Refresh	
(A)	3 Rem(s) hidden, click <u>here</u> to sho	w all tems			
tings Manager					
	The second	and the second s			

'System Sync Down Task' performs the exact same tasks as the 'System Update Task' but its job is to ensure that the changes that are done to the files in the cloud are automatically synced down to the file server. The 'System Update Task' and the 'System Sync Down Task' are what provides the mirroring or two-way sync between the local files on the cloud server and the files in the cloud.

System Sync Task

Gladinet Cloud Serve	r Console				_1012
Task Manager	System Sync Task	Panding 2 Panding Re	ry 💆 Trace		۲
File Server	Task Type Status Pending Subtaska Completed Subtasks Pending Retry Subtasks Running Subtasks Recurring Last Run Time Next Start Time	5) Pr 0 11 22	stem Sync Task nding It a Recurring Task 15-02-07 17:03:25 15-02-07 17:144:49		
Audit Trace	Start Now 3 Rem(s) hidden, cick here to show a	Pause I tems	47 Refresh		
an Educ	2 My Tasks System Activite Edit Account Information		Enderade II (000 VER)	President & Stores	About Gladinet Cloud Server Agen

'System Sync Task' is the master sync task and its job is to keep an eye on both local file changes and file changes that are done in the cloud. This is the task which triggers the 'System Update Task' or the 'System Sync Down Task'.

lanager	Citurey Grant	Tending Affending Potty III Trace	
-	1 Tex	Ther	
_	2015-03-07 17:03:57 771	Process sub Task: SETLASTMODIFIED, Muga (W203R2-5A27)/739 Bugs Debala doca	
100	2015-02-07 17:03:56 329	Liploading changed file: 719 Bugs Setails docx 132177394	
*	2015-02-07 17:03:25 996	Process sub Task: DROPUPLOAD, 719 Bugs Details.docs	
Server	2015-02-07 17:03:04 875	Datacted file deletion, ignoring system/temp file: ~0381.0001.tmp	
	2015-02-07 17:03:14 855	(change/Detected Ne change, deleted)WRL0001, top	
<u>a</u>	2019-02-07 17:03:14 622	Detected Ne name change (71) Bugs Details door	
7	2018-02-07 17:03:14 638	[change/Distocted file change, rename: -4/RD0000.trg =-> 719 Bugs Details.docs	
	2015-02-07 17:03:14 608	[change/Detected Ne change, rename:719 Bugs Details.docx++>-/WRL0001.tmp	
100 m	2015-02-07 17/03/14402	Detected file modified, ignoring system temp file:WED0000.mp	
Mackag	2015-02-07 17/03:24 996	[change]Detected Re change, modified:=WRD0000.tmp	
	2015-02-07 17:03:54 591	Detected He modified, gnoring system temp Rec -WED0000, trap	
	2015-02-07 17/03114 584	(change)Distected file change, modifiedWRD0000.http	
	2015-02-07 17:03:14 579	Detected Ne wolffed, ignoring system temp Re: -WRD0000.top	
12	2015-02-07 17:03:14 573	(dvange)Detected file change, modified:~WND0000.htp	
	2015-03-07 17:03:14 988	Detected Re modified, growing system temp Sec -WED0000, trup	
t Trace	2015-02-07 17:03:24 564	[diange@letected file change, modifiedWR00000.mp	
	2015-02-07 17:03:34 482	[change]Detected file change, enuty file is ignared: ~WFC0000, trip	
0.5	2013-02-07 18:52:18 973	(non)and scan tree: C: (Test Documents Bugs	
Color International Color	2013-02-07 18:52:58 920	Inor(Starting monitor C: (Fest Documents/Bugs, enter toop	
Tal	2015-02-07 16/52/19 887	Brion/Begin scan treer Criffest Documents/Bugi	
	2015-02-07 16:52:18 886	(Intri-Starting monitor-C: Fred Documents/Bugs	
tanger	<u>.</u>		
	fy fielyent	Copy AI X Detets AB	

The 'Trace' tab in the 'System Sync Task' lists all the uploading, downloading, and monitoring tasks.

System Cache Refresh Task

Whenever the server agent receives file change notification or directory change notification, it will decide whether it needs to refresh the directory contents and the local file cache. When there are refreshing task scheduled, they will show up in this task group.

File Server

Gladinet Cloud Serv	ver Console	
Jask Manager Jask Manager	 Gladeret Cloud Copy file n folder move file n folder move file n folder mouter fi	Actions v
	Edit Account Information	About Gladinet Cloud Server Agent
Team Edition	Version: 6.2.1467.31540 Connected Upload: 0.000 K8/5	Download: 0.000 KB/S

'File Server' shows all the data that have been uploaded to the cloud and the files and folder structure. It lists folder structure which includes sub-folders as well. The local folders that are attached either from the file server or a user's machine have the machine name in parenthesis.



An Administrator can create a new sub-folder below selected node or can attach additional local folders using the 'Attach Local Folder' option under 'Actions'. Attaching a local folder to Gladinet Cloud using the 'Attach Local Folder' option allows immediate access to the local content from anywhere using any device. "Attached Local Folder" will be synchronized upwards to the cloud first and also the changes in the cloud will be sync down to the local file server.

NOTE: The two-way synchronization feature of the "Attach Local Folder" only applies to local folders such as those on the C: drive, D: drive and local hard drives in general. It won't work for network share. The two-way synchronization depends on the local file system's event change notification about files and folders. These changes will be detected and synchronization will happen based on the changes discovered.

🌳 Attach Local Folder	×
Folder Location	
Attaching a local folder to your Cloud enables anywhere access and cloud versi protect your files.	oning to
Please enter the location of a local folder or network share you want to add.	
<u> </u>	
Please specify a name for the local folder.	
	-
< Back Finish	Cancel

You can browse to any local folder and attach to the cloud using the 'Attach Local Folder' option.

🛃 Select a Local Folder		×
Local Disk (C:) My Documents Desktop Directory My Music My Videos My Pictures My Favorites Recently Used		
New Sub-Folder	OK	Cancel

Administrator can also highlight an existing cloud folder and create new sub-folders underneath that highlighted folder.

Gladinet Cloud Servi	er Console	× 101.
Taak Manager Taak Manager File Server File Server Attach/Backup	er Console Gladinet Cloud Global regular folder Progular folder Progul	Actors V New folder Create new autholder below selected node. Manage Manage Manage Manage Manage Train Web Portar
di		Enable Backgroud Prefetch Male content evaluable when you are not online
Audit Trace		Delete Detele the selected folder
Settings Manager		
Team Editor	EVERYWARE DISTURNED	Autor usual Clove Server Ages

An administrator can also manage the folder using web portal by using the 'Manage' option. This will allow an admin to convert any folders that have been attached to the cloud or are in the cloud to convert them into 'Team Folders' for collaboration etc.

	Cluster Admin(1	nali0630@hotmail.com) -	windows 1	nternet Explore			
🔊 🗢 🥜 http://192.	168.1.146/portal/R	lawWe 🔎 💌 😽 🗙	🥜 Gladii	net Cloud - Default	Clus ×		ŵ☆
Edit Team Fo	older						00
Team Fo	lder	Permissions					^
	I	older to be published:	/BigFiles (\	W2K8R2-SA27)			
Display Name:	BigFiles (W2	K8R2-SA27)					
Disable further	sharing 🗌	Create CIFS Share 🛛	Disable Of	fline Access			
Assign access per	mission for you	r team members	Add User	🕵 Proxy(AD)	Group		
Assign access per User Name	mission for you	r team members Email	Add User	Read.	Group Write. Owne	r	
Assign access per User Name	mission for you	r team members	Add User	Read.	Group Write. Owne	r	
Assign access per User Name	mission for you	r team members	Add User	Read.	Group Write. Owne	ir	
Assign access per User Name	mission for you	r team members	Add User	Read.	Group Write. Owne	r	
Assign access per User Name	mission for you	r team members	Add User	Read.	Group Write. Owne	۲ ۲	
Assign access per User Name Keep Last n versie	mission for you ons of each file:	r team members	Add User	Read. N	Group Nrite. Owne	۲ ۲	

'Enable Background Prefetch' enables the contents of the selected folder to be available offline.

'Detach' provides the capabilities to detach the local folder from the cloud. This feature allows the administrators who would like to remove the contents of the local folder from the cloud. This will not remove any contents from the local source, however, all the contents in the cloud from this source will be hidden. If you go to the web portal and recreate a versioned folder with exactly the same name (including the machine's name and the parenthesis), the folder can be shown with a cloud-only context without any local machine relationship.

Attach/Backup

Gladinet Cloud Serve	r Console			
		Refresh	Attach Network Share	Attach a Folder to Backup
	versioned folder (web::TeamFolder)			۲
Task Manager	Version Team Folder (web:\TeamFolde	r) //		8
<u>_</u>	cutopaste (web:\TeamFolder)			۲
rae server	lotsFiles (Win7-2) (C:\Test Documents\T	eutSimple\TestSimple\lot	sFiles)	(*)
Attach/Backup	azsaver (web:\TeamFolder)			8
	Bugs (W2K8R2-SA27) (C:\Test Documen	ts\Bogs)		8
Audit Trace	teat1590 (web:\TeamFolder)			۲
Settinga Manager				
	Edit Account Information			About Gladinet Cloud Server Agent
Team Edition	Version: 6.2.1467.31540	Upload: 0.000 KB/S	Download: 0.050 KB	5 //

Attach/Backup folder allows an administrator to attach a local folder to the cloud using 'Attach a Folder to Backup'. Using this option enables a two-way sync between the local folder and the cloud. The default view shows all the "Attached-Folders" on the local machine that are attached to the cloud. Basically, this allows multiple folders that have contents synchronized with the cloud.

🏺 Attach Local Folder	×
Folder Location	
Attaching a local folder to your Cloud enables anywhere access and cloud versioning to protect your files.	
Please enter the location of a local folder or network share you want to add.	
Please specify a name for the local folder.	
< Back Finish Cancel	

You can also use 'Attach Network Share' to attach a network share's contents to the cloud. However, this option does not keep the two-way sync between the network share's contents and the cloud. Attached Network Share enables remote access from other locations. Compared to the "Attach Local Folder", Attached Network Share doesn't get the folder contents actually replicated into cloud.

🎉 Attach Network Share	×
Attaching a network share to the Cloud enable	es anywhere access your files.
Please enter network share you want to add.	(i.e \hostname\sharename)
Π	
<u> </u>	
Please specify a name for the local folder.	
1	
Liner Names	
User Name:	
Password:	Repeat Password:
	OK Cancel

Audit Trace

Audit trace shows the history of all the tasks that have taken place. Administrators can query the 'Audit Trace' to see the history of uploads, downloads, changes, and monitoring on the files in the cloud. You can also filter the tasks you would like to query by using the 'Only Show Traces Containing' field. As an administrator you can also specify the times that you would like to run the query for. You can specify the amount of traces you would like to query where '0' means unlimited traces.

	Time	Trace	
	2015-02-07 18:27:09 776	Process sub Task: MARKOFFLINE, /BidFiles (W2K8R2-SA27)	_
and the second se	2015-02-07 18:27:09 761	Process sub Task: SYNCFILEITEM, /BigFiles (W2KBR2-SA27)/TestLipload.docx	
-4004-	2015-02-07 18:27:09 745	Sync down file(Sync file item):/BigPiles (W2K8R2-SA27)/TestUpipad.docx, 1	
DIVERTICAL DIST	2015-02-07 18:27:09 714	Process sub Task: SYNCFILEITEM, /BidFiles (W2K8R2-SA27)/DeleteTrace.txt	
and Homeson	2015-02-07 18:27:09 698	Sync down file(Sync file item):/BigFiles (W2KBR2-SA27)/DeleteTrace.txt, 1	
ask manager	2015-02-07 18:27:09 683	Begin processing sub-tasks, there are 3 pending subtasks, 0 subtask(s) waiting for retry	
	2015-02-07 18:18:38 564	Process sub Task: SETLASTMODIFIED, /BigFiles (W203R2-5A27)/DeleteTrace.bd	
	2015-02-07 18:18:38 548	Process sub Task: SETLASTMODIFIED, /BigFiles (W2K8R2-SA27)/TestUpload.docx	
	2015-02-07 18:18:38 314	Process sub Task: RJT, JSigFiles (W2K3R2-5A27)/TestLipkad.docx ^43811DCD-8C5A-IEF9-8903-2EEA9CE88487	
	2015-02-07 18:18:38 283	Process sub Task: PUT, /BigFiles (W2K8R2-SA27)/DeleteTrace.txt^43811DCD-8CSA-4EF9-8903-2EEA9CE88487	
File Langest	2015-02-07 18:18:38 220	Process sub Task: MKCOL, /43811DCD-8C5A-4EP9-8903-2EEA9CE88487/gsync_BigFiles (W2K8R2-5A27)	
File Server	2015-02-07 18:18:33 837	[mon]end scan tree:C: (Test Documents (TestSimple (TestSimple)BigFiles	
	2015-02-07 18:18:33 743	[non]Starting monitor:C: [Test Documents TestSimple [TestSimple BigFiles	
(A.C.).	2015-02-07 18:18:33 743	[mon]Starting monitor:C: \Test Documents\TestSimple \TestSimple \BigFiles, enter loop	
	2015-02-07 18: 18: 33 743	[mon]begin scan tree:C: \Test Documents\TestSimple\TestSimple\Bigfiles	
	2015-02-07 17:03:57 771	Process sub Task: SETLASTMODIFIED, /Bugs (W2K8R2-SA27)/719 Bugs Details.docx	
Section -	2015-02-07 17:03:56 328	Uploading changed file: 719 Bugs Details.dock: 132177394	
1.			
Audit Trace		<u></u>	- 7
Audit Trace	Conly Stow Traces Containing		
Audit Trace	Only Show Traces Containing Only Show Traces Between	2/ 7/2015	-
Aude Trace	Only Show Traces Containing Only Show Traces Between Herman Traces to Show (0.1)(State-1)	2/ 7/2015	1
Audet Trace	Only Show Traces Containing Only Show Traces Between Maximum Traces to Show (0-Unlimited)	2/ 7/2015	-
Aude Trace	Only Show Traces Containing Only Show Traces Between Maximum Traces to Show (0-Unlamted) Ouery	2/ 7/2015 • 209 Copy To Cleptoand	-

Settings Manager

Administrators can configure customized settings under 'Settings Manager'.

Gladinet Cloud Serve	er Console	
	Offine Folders	
4114		Befresh Add New Offline Folder
Contractory of the local division of the loc	Folder Name	
Task Manager	(BigFiles (W2KBR2-5A27)	×
File Server		
2		
Attach/Backup		
d!		
Audit Trace		
1223		
11		
Settings Manager		
1	Edit Account Information	About Gladinet Cloud Server Apent
Team Edition	Version: 6.2. 1467.31540 Supervised Upload: 0.000 KB/	5 Download: 0.050 KB/S

Offline Folders

'Offline Folders' tab in 'Settings Manager' lists all the cloud folders which have been enabled for 'Offline Access' meaning users who have access to offline folders can access and edit the contents of such folders even when they are not online. All the changes done to files in offline folders will be automatically synced as soon as the users come back online.

Eladinet Cloud Serve	rer Catalole	_ [] ×
	Coffine Folders	
-	Betrear Add	iew Offine Folder
	Folder Name	10,000
Task Manager	(BgPiles (W2KBR2-SA27)	X
	Safert folder	
(6 7)		
100	+ Pres shared with me	
	Gopy file n folder	
File Server	Department of the second	
	E Great only	
	Generation of the second	
100	+ V regular team folder	
	er gewenstender	
	er version i ean nober	
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100	a Azsareg	
	a contraction of the second se	
	9 - 2 Bugs (W2/8R2-5A27)	
0.	🗄 😥 Admin Gulde 👘	
Audit Traca		
HUGU HUGE		
(all a)		
123	INCH SALE OK CASUE	
TIV		
E OI		
Settings Manager		
	Edit Account Information About Gladinet (Joud Server Agent
Team Edition	Version: 6.2.1467.31540 Connected Upload: 0.000 VB/S Download: 0.050 KB/S	72

Administrators can also select any folder to be available for offline access using the 'Add New Offline Folder' in the 'Offline Folders' tab.

Settings – Bandwidth Control

As an administrator you have full control over how much bandwidth should be consumed for uploading contents to the cloud and also for downloading contents from the cloud. You can also control how many consequent uploads and downloads are allowed at any one time.

🐺 Gladinet Cloud Servei	Console				
	🙀 Office Folders 🐖 Settings				
LAAN .	Bandwidth Control				
STATES OF	Download Bandwidth Limit (KB/s, 6-Unlimit)		0		
	Upload Bandwidth Limit (/B/s, 0-Unlimit)		0		
Task Manager	Number of Upload/Download Threads		5		
	H Sync Cantrol				
	B Advanced				
(7)	El Trace				
File server					
Attach/Backup					
01					
Audit Trace					
Hugh Hugs					
(all a					
1933					
TTIN					
101					
Settings Manager					
	Edit Account Information				About Gladinet Cloud Server Agent
Team Edition	Version: 6.2.1467.31540	Connected	Upload: 0.000 KB/S	Download: 0.050 KB/S	24

Settings – Sync Control

Administrator can turn the 'Throttle Sync' flag to 'True' to stop and start the sync depending on the available bandwidth. You can also specify the 'Sync Throttle Upload and Download Bandwidths' in KB/S fields where 'O' means unlimited bandwidth is available for upload and download sync.

As an administrator you do not want to bring your network to a crawl and would like to control when the full sync starts and stops. Many administrators want to keep the sync to a minimal during business hours. You can specify the start and stop sync hour in the 'Full Speed Sync Start Hour' and 'Full Speed Sync Stop Hour'.

There could be instances when local files for one reason or another are not synced up to the cloud. In cases like these you can turn the 'Scan local files and sync up to the cloud as necessary' flag to 'True'. This will scan the local file system and make sure that everything which is not synced to the cloud is synced accordingly.

Also, similar to scanning local files and syncing up to the cloud, there could be a need to scan cloud files and sync down locally. This can be achieved by turning the 'Scan cloud files and sync down to local as necessary' flag to true.

You can also enable sync down notifications by enabling 'Optimize Sync Down Notification' flag.

'Ignore file dummy change notification' when set to true will not send notifications for 0 byte files or files that received change notification from the file system but the files are not actually changed.



Settings – Advanced

Administrator can locate the cache directory under 'Advanced' option in settings. Using the 'Cache Size Limit (MB)' field can specify the size limit for the cache file.

'Interval to Keep Group Relationship in Cache (Min)' field is a performance optimization setting. The server agent will check the remote requests against the ACL (Access Control) set on the local files. Most of the times it involves Active Directory or NT domain group membership checking. The group membership checking is a CPU intensive work so the result is cached to improve performance. This controls how long the result will be cached. If users are not changing group frequently, you can set the interval to a long period of time.

'Enable In-place Open Zip File' field enables in-place editing on files which are in zipped folders in the cloud. You can also specify the maximum size for zipped files that are allowed for In-place editing.

'Ignore Settings in Group Policy' flag when set to 'True' will ignore the configured settings in web portal and the settings configured under Settings\Advanced will take precedence.

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	G Advanced		
Task Manager	Cache Directory	C: ProgranData/gteancient/FileSysCache	
	Cache Size Limit (MB)	0	
	Interval to Keep Group Relationship in Cache (Min)	60	
	Enable Inplace Open Zp File	False	
1-10	Max Size of Zip File Allowed to Open Inplace (MB)	20	
~	Ignore Settings in Group Policy	False	
File Server	iii Trace		1
Audit Trace			
Settings Manager	Edit Account Information		About Gindnet Cloud, Server Agent
Team Edition	Version: 6.2. 1467.31540 Connected	ppioad: 0.034 KB/S Download: 0.018 KB/S	12

Settings – Trace

The audit trace log can grow exponentially if not kept under control. As an administrator you can specify the number of days to keep the audit trace. 'Days of Audit Trace to Keep' setting is the field to specify the duration to keep the trace for.

Trace Level when set to '0' which is the default does not collect any traces meaning it is disabled.

Trace Level 1 – error will collect all the error traces.

Trace Level 2 – warning will collect warning traces along with errors.

Trace Level 3 – info will collect errors, warnings, as well as info traces.

Trace Level 100 – verbose helps developers to collect detailed traces which helps them when debugging issues.

NOTE: When it is necessary to collect DebugView trace for debugging purpose, the Trace Level typically is set to 101.

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Conclusion

Enterprises were looking for ways to access file server contents over the internet. They were looking for technologies which will allow them to migrate the data residing on On-Premise file servers to the cloud and provide a unified namespace across all distributed file servers. Gladinet Cloud Server combines the strengths of cloud storage technology and traditional file server to enable data access from the cloud by enabling sync, share, and collaboration on that data.