STCS BRaaS Admin Console



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User Benefits

- Intuitive, HTML5 interface
- Easy-to-use management, monitoring, and reporting
- Sophisticated protection & recovery
- Dashboard view of BaaS Operations
- View and create and configure Clients / Servers
- View, Create & Configure the subclients as necessary for backup operations
- Performing backups and restores from Admin Console
- View the job history, Alerts & Events

Client Login

You can access the Admin Console by using the URL that your administrator provides.

Procedure

- 1. Go to https://braas.bluvalt.com/
- 2. Type your email and click TAP,



you will be redirected to the bluvalt login page, type your user name and password



You will then be presented with the BaaS application landing page



Adding a Server

Tenants of the service are responsible for downloading, installing and registering new clients to the service.

To add a server to the service, click on Download Center



Windows Install

Click download next to required OS

Reset filters	Q	10 🔽 Re	elease Date Descending 🔽
Version		Commvault FS iData Agent for Linux x64	
11 (3)		Release Date: 10/31/2017 Version: 11	Download
Category			
Backup Agents	502	Windows Client SP7	
Platform	522	Release Date: 10/17/2017 Version: 11	Download
Windows-x64 (
Linux-x64 (1)		CommVault IData Agent for Windows x64	
		Release Date: 01/17/2017 Version: 11	Download
		to 3 of 3 results.	« 1 »

The package will be downloaded to your server

👪 l 💽 👪 = l	Downloads				×
File Home Share	View				~ ?
🐑 💿 👻 🕆 🚺 🕨 Thi	s PC Downloads	~ ¢	Search Download	is	P,
⊿ 🔆 Favorites	Name	Date modified	Туре	Size	
📰 Desktop 👔 Downloads	CoupledWin64Proxy_WinX64_Latest_W	1/7/2018 10:48 PM	Application	825,284 KB	
💯 Recent places					
▷ 💵 This PC					
Þ 🗣 Network					
1 item				8	

Double click the file and choose Run



👪 l 🕞 👪 👻 l		Application Tools	Downloads	_ 🗆 X
File Home 1	Share View	Manage		~ 🚱
🔄 💿 👻 🕈 🊺	This PC Dov	wnloads	✓ 🖒 Search Do	wnloads ,P
★ Favorites ■ Desktop B Downloads 20 Recent places	¢		ckage Manager 📃 📼 🗙	Size 825,284 KB
this PC			ler files to the following folder.	
Network	To extract to a	different folder, click Browse	e and select another folder.	
	Destination Pe Editoriourn Space required: Space available Commout:	: Files)Commvault\nstaller	Browse Extract Cancel	
	Share View	Application Tools Manage	Downloads	
Bil Die Bone S	Share View This PC + Dov	Manage vnloeds	v 🖒 Search Do	wnloads
Bile Home S	Share View • This PC • Dov	Manage vnloeds Custom Pa ×40_Ful_x86_x64.exe 10	v Č Search Do ckage Manager – v ×	×

The install screen will display, accept the license agreement to continue



Installation of the files will begin



The following message will be displayed when files have been successfully installed

c	OMMVAULT 🚯	<
-	Installation and configuration completed successfully. Please note that you need to register the computer by right clicking the Edge Monitor in the taskbar.	-
	Finish	

You will then be prompted to run the "Register Me" feature to register the client with the service

۲	User Laptop Registration	x
	Enter your credentials to register your laptop and start backing up your data.	
	Computer Name	
	push-installati	
	User Name or Email Address	
	Password	
	Activate Cancel	

The user login name of the client registration user account for each tenant is simply the tenants 'customerId'. Which happens to be the same as the tenant organization name in the CommCell.

The password for the user account 'should' be known by the tenant as they chose it when they subscribed to the service.

*After successful deployment of the OS agent, Application agents can be added to the server.

<u>Linux Install</u>

Add the following to the local hosts file: 95.177.208.168 cvpxsrv1 95.177.208.169 cvpxsrv2

Copy the required file from Download Cenetr to the linux server and run the following commands

tar xvf custom_pkg_Linux-x64.tar cd pkg/ ./cvpkgadd

😣 🖱 🗊 root@linux: /tmp/pkg
Version 11
Welcome to Commvault Installer
For support please visit http://www.commvault.com/support, or send an email to support@commvault.com, or call US/CANADA (Toll Free) (877) 780-3077; INTERNATIONAL (732) 571-2160
This installer will install Commvault packages on this machine. Log Messages will be sent to /var/log/.gxsetup/logs/20180108/install.log
N <mark>ext Quit</mark>

Enter Client Host name



Client Name

😣 🖱 🗉 root@linux: /tmp/pkg	
Commvault	Version 11
	Client Information
Client name: <mark>l</mark> inux	
Back	Next Quit

Installation begins

😣 🖱 💿 root@linux: /tmp/pkg				
Commvault	Version 11			
I	nstalling Packages			
Copying files				
	80 %			

Enter Service User name and password

😣 🗐 🔲 root@linux: /tmp	o/pkg	
Commvault	Version 11	
	CommCell Authentication	
Enter your CommCell u	user account details	
CommCell user name:		
CommCell password:		
	Next Quit	

When Complete the following sreen will be displayed

😣 🖻 🗉 root@linux: /tmp	ø/pkg	
Commvault	Version 11	
	Installation Status	
Installation complete	ed successfully	
	Finish	



To perform BaaS tasks, click on Admin Console

COMMVAULT	14025 + English + He
My Applications	
My Data Backup, restore and sync your data	Reports Track storage utilization trends and anticipate future resource needs
Download Center Download your software	Forms Perform tasks
Analytics Intelligent data exploration, discovery and visualization.	Access Store to download and install the latest software components and updates.
Admin Console Perform admensional trades tasks	

You will be presented with your BaaS service Dash Board



Performing a Backup

Click on Servers, then Click on the Server you wish to backup

CommColl	Servers				Add	d server Add gateway	Send logs	Search	
CommCell	Company :								
Servers	Name •	Configured	Туре	OS	Version	Update status	Restore	Actions	
Server groups	You know_CM_4612	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	G	
Jobs	vmwin2012r2	1	Windows File System, SQL Server	Microsoft Windows Server 2012 (64-bit)	11 SP9+	Up to date	Restore	0	
Alerts	VMware	1	Virtual Server	Any	11	Not applicable	Restore		
Events	vmlinux_1	1	Oracle Database, Linux File System	CentOS 4/5/6/7 (64-bit) centos64Guest	11 SP6+	Needs update	Restore	(-)	
Plans	VCENTER	1	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore		
Replication >	test plan Edge Drive	1	Windows File System	Windows	11	Not applicable	Restore		
Companies	test case_CM_4607	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	-	
Reports 🗸	test	1	Windows File System	Windows Server 2012 R2 Datacenter	11 SP9+	Needs update	Restore	-	
SLA	tesg_CM_4608	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	-	
Backup job summary	SharepointFarm	1		Any	11	Not applicable	Restore		
Restore job summary	SHAREPOINT	1	Windows File System, SQL Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	œ	
Storage utilization	server2	1	Windows File System	Windows Server 2012 R2 Standard	11 SP9+	Ahead of cache	Restore	(···)	

Click FileSystem

Filter navigation	Servers >					
💑 CommCell	test				More actions Generate package Add softw	are Jobs
🛃 Servers	General			Activity control		
Server groups						
💼 Jobs	Server name	test		Data backup 🛞	ON .	
_	Host Name CommServe host name	test commserve.cv.lab		Data restore	ON	
Alerts	Version	11 SP9+				
Events	46131011	11 38 94				
Plans	Security		Edit			
Explication >	security		Euk			
Companies	Associations Owners					
	No associations defined on this object					
🕍 Reports 🗸 🗸						
📓 SLA	Show inherited association					
Backup job summary						
Restore job summary	Agents				Q Search	
	Туре 🔺		Install date		Actions	=
Storage utilization						-
Audit trail	File System		Dec 1, 2017 3:27:48 PM		Θ	
D						

Click Default Backup Set

Filter navigation	Servers > test >					
💑 CommCell	File System				Backup history Restore	history
Servers	General			Activity control		
jobs	Server name Install date	test Dec 1, 2017 3:27:48 PM		Data backup () Data restore	ON ON	
Alerts	Version	11(BUILD80)				
Plans	Security No associations defined on this object		Edit			
Le Companies	Show inherited association					
🕍 Reports 🗸 🗸	R. J				Add backup set	
SLA Backup job summary	Backup sets		Plan		Actions	=
Restore job summary	defaultBackupSet				œ	

Click Actions, then Click Backup

Filter navigation	Servers & test & rile System &				
🗞 CommCell	defaultBackupSet			Backup history	Restore history
Servers	General		Security		Edit
Server groups Jobs	Default On demand	Yes No	No associations defined on this object		
Alerts			Show inherited association		
Events			Plan		Edit
Replication >			No plan is associated		
Companies				Add subclient	
🕍 Reports 🖌 🗸	Subclients			Add subclient	
📓 SLA	Туре 🔺		Restore	Actions	≡
👌 Backup job summary	default			Θ	
Restore job summary Storage utilization				Backup Backup history	

Backup Options Dialog box is displayed



Choose required option, then click OK

Performing a Restore

To perform a restore of protected data, Click Servers, then Click Restore next to the required Server

	Servers				Add	server Add gateway	Send logs Q	Search	
	Company : All companies								
>	Name 🔺	Configured	Туре	OS	Version	Update status	Restore	Actions	
	Amazon	~	Virtual Server	Any	11	Not applicable	Restore	Θ	
	AWSLinuxGuest	1	Linux File System, Virtual Server	Linux_64-bit	11 SP8+	Needs update	Restore	Θ	
	awsma	1	Windows File System, Virtual Server	Windows Server 2012 R2 Standard_64-bit	11 SP9+	Up to date	Restore	Θ	
	azma	1	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Datacenter	11 SP9+	Up to date	Restore	Θ	
	AzureBlob	1	Cloud Apps	Any	11	Not applicable	Restore	Θ	
	AzureRM	1	Virtual Server	Any	11	Not applicable	Restore	Θ	
	case 2_CM_2	~	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	Θ	
>	case 745754_CM_2	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	Θ	
	case manager test_CM_4133	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	Θ	
>	Case_Oracle_CM_4424	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	Θ	
>	cluster1.cv.lab	~	NAS, Windows File System	Data ONTAP 8.2.3 Cluster-Mode	11	Not applicable	Restore	Θ	
>	COMMSERVE	1	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	Θ	
>	Complaints_CM_4574	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	Θ	
	ContentAnalyzer2	1	Distributed Apps	Any	11	Not applicable	Restore	Θ	

Restore dialog, Select or browse backup content

Filter navigation	Servers » DATACORE » File System » defaultBackupSet » default »								
Dashboard	Backup content								
😂 Solutions 🔷		Restore		Show deleted items Showing latest backup 🔻					
🚴 CommCell	▶ default	default							
Servers		Name	Size	Backup time					
Server groups		[System State BCD]	7.01 KB	Sep 3, 7:44:43 PM					
Jobs		System State]	12.45 GB	Sep 3. 7:44:43 PM					
			5.06 GB	Sep 3, 7:44:43 PM					
Alerts									
Events									
Plans 📄									

Click on required data, then Click Restore

Filter navigation	Servers > DATACORE > File System > default	BackupSet > default >		
Dashboard	Backup content	\frown		
Solutions		Restore		Show deleted items — Showing latest backup 🔻
💑 CommCell	▶ default	default / C:		
- Servers		Name	Size	Backup time
Server groups		SRecycle.Bin	387 B	Sep 3. 7:44:43 PM
-		Documents and Settings	0 B	Sep 3. 7:44:43 PM
🚔 Jobs		inetpub	111.29 KB	Sep 3, 7:44:43 PM
Alerts		PerfLogs	0 B	Sep 3, 7:44:43 PM
Events		Program Files	2.91 GB	Sep 3, 7:44:43 PM
Plans 🛛		Program Files (x86)	38.97 MB	Sep 3, 7:44:43 PM
Replication >		ProgramData	273.46 MB	Sep 3, 7:44:43 PM
Le Companies	C	RESTORE	0 B	Sep 3, 7:44:43 PM
🕍 Reports 🔷 🕻		System Volume Information	20.01 KB	Sep 3. 7:44:43 PM
🤤 Storage 🔶		testDDB	0 B	Sep 3, 7:44:43 PM
🕆 Security >		Users	193.05 MB	Sep 3, 7:44:43 PM

Restore options will be displayed

Restore optio	ons	×
Destination client	DATACORE	^ ~
Impersonate user (optional) Username Password		
 Restore to original folder Destination path Overwrite if it already exists 		Browse
	Cancel	Submit

Click Submit

Running a Report

To view detailed reports on Data Protection or Recovery Operations, Click Reports to expand available list, then Click requied Report



To view details from a specific Time Frame, set the required time frequency and then click Apply



Viewing Jobs

To view job operations, Status and Progress click Jobs

Filter navigation	Jobs Activ	re Jobs 🔻											Q, Se	arch by job id
🙋 Dashboard	Job ID	Operation	Status	Server	Agent type	Subclient	Backup type	Size of appli	. Start time	Last update ti	Elapsed time	Actions	JPR	Progress =
Solutions	279210	Replication	Running	awsma	Virtual Server			4.63 KB	Dec 12, 11:08:5	Dec 12, 11:09:	40 min 6 sec	Θ	1	0.5
🖂 CommCell	277603	Report	Completed					0 B	Dec 7, 5:00:48	Dec 7, 5:01:11	4 days 18 hrs 4	Θ		Completed
🛃 Servers	269040	Backup	Pending	vmlinux_1	Oracle Database	NewDBs	Full	0 B	Nov 10, 9:00:2		0 sec	Θ	19:1131	
Server groups			~											\sim
Jobs														
Alerts														
Events														

To view additional details of an individual job, click Job ID

Admin Console				
Filter navigation	jobs >			
12 Dashboard	Job 277603 - [Report]			
Solutions	> Job summary		Job details	
🚓 CommCell	Туре	Report	Report type	Backup Job Summary
Servers	Current phase	Scheduled Report		
Server groups	Status Progress	Completed 100%		
💼 Jobs	Last update time	Dec 7, 5:01:11 PM		
Alerts	Start time	Dec 7, 5:00:48 PM		
Events	Job started by Job started from	Admin Scheduled		
Plans	Schedule name	Job Summary report		
Replication	>			
👷 Companies	Events All V			
🕍 Reports	> Severity Event ID Date	Program Computer	Event code Description	
🥃 Storage	> No events found			
Concursion	3			

Viewing Alerts & Events

Upon creation of each tenant, the following alerts are automatically created to be sent to tenant admin:

- Backup job failed
- Backup job succeeded
- Restore job failed
- Restore job succeeded

Admin Console									English 👻 💄 •
Filter navigation	Events A	.ll T							Q. Search
Dashboard	Severity	Event ID	Job ID	Date	Program	Computer	Event code	Description	=
Solutions >	🛦 Major	1067026		Dec 12 2017 12:39:56	MediaManager	COMMSERVE	32:56	The total remaining free space [440] MB for all the mount path	is that are online for the disk Lib
CommCell	1 Info	1067025		Dec 12 2017 12:39:56	MediaManager	COMMSERVE	32:409	Warning: Total available space for jobs [29705] MB on all the n	nount paths that are online for t
Servers	1 Info	1067024		Dec 12 2017 12:39:56	MediaManager	COMMSERVE	32:409	Warning: Total available space for jobs [14336] MB on all the n	nount paths that are online for t
Server groups	🛦 Major	1067023		Dec 12 2017 12:39:56	MediaManager	COMMSERVE	32:56	The total remaining free space [2027] MB for all the mount part	ths that are online for the disk Li
Jobs	1 Info	1067022		Dec 12 2017 12:39:56	MediaManager	COMMSERVE	32:409	Warning: Total available space for jobs [46566] MB on all the n	nount paths that are online for t
Alerts	🔶 Minor	1067021		Dec 12 2017 12:39:56	MediaManager	COMMSERVE	32:42	Number of media in the scratch pool [c:] inside the library [Con	mmVault VirtualLib 2011] is less
Events	🔶 Minor	1067020		Dec 12 2017 12:39:56	MediaManager	COMMSERVE	32:42	Number of media in the scratch pool [Cleaning Media] inside t	he library [CommVault VirtualLi
Plans	🔶 Minor	1067019		Dec 12 2017 12:39:56	MediaManager	COMMSERVE	32:42	Number of media in the scratch pool [Default Scratch] inside the	he library [CommVault VirtualLi
Replication >	1nfo	1067018	279223	Dec 12 2017 12:30:13	JobManager	COMMSERVE	19:1053	Backup job [279223] completed. Client [ObjectStor_Migration].	Agent Type [Windows File Syste
Companies	1 Info	1067017	279223	Dec 12 2017 12:30:12	FileScan	COMMSERVE	17:64	There are no files that need to be backed up. Finishing the job	in the file scan phase.
Reports >	1 Info	1067016	279223	Dec 12 2017 12:30:09	JobManager	COMMSERVE	19:500	New backup request received for Client [ObjectStor_Migration]), Application Type [Windows Fil
Storage >	1 Info	1067015	279222	Dec 12 2017 12:30:09	JobManager	COMMSERVE	19:1406	Starting Backup Copy Workflow [Snap plan test].	

To view additional details of an individual event, click Event ID

Filter navigation	Events >							
🕍 Dashboard	Event Details fo	or event 1067016						
Solutions	Event		Source					
🐣 CommCell	Severity	Info	Program	JobManager				
🛃 Servers	Date	Dec 12 2017 12:30:09	Computer	COMMSERVE				
Server groups	Event code	19:500	Job ID	279223				
Jobs	Description							
Alerts	New backup request received for C	New backup request received for Client [ObjectStor, Migration], Application Type [Windows File System], Backup Set [Admin], Subclient [Admin], Backup Level [Incremental],						
Events								
Plans								

Controling Job Activity

To Enable or Disable job activity, Click on Server, then Click on the required server you wish to enable / disable

er navigation	Servers				Add	I server Add gateway	Send logs	Search	
	Company : All companies								
	Name 💌	Configured	Туре	OS	Version	Update status	Restore	Actions	
	You know_CM_4612	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	-	
	vmwin2012r2	1	Windows File System, SQL Server	Microsoft Windows Server 2012 (64-bit)	11 SP9+	Up to date	Restore	-	
	VMware	1	Virtual Server	Any	11	Not applicable	Restore		
	vmlinux_1	1	Oracle Database, Linux File System	CentOS 4/5/6/7 (64-bit) centos64Guest	11 SP6+	Needs update	Restore	·	
	VCENTER	1	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	()	
	test plan Edge Drive	1	Windows File System	Windows	11	Not applicable	Restore	Ξ	
	test case_CM_4607	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	Θ	
	test	1	Windows File System	Windows Server 2012 R2 Datacenter	11 SP9+	Needs update	Restore	Θ	
Companies	tesg_CM_4608	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	-	

You can toggle between Enable / Disable

Filter navigation	Servers >			
🔛 Dashboard	test			More actions ▼ Generate package Add software Jobs
📚 Solutions 💙	General		Activity control	
💑 CommCell	Server name	test	Data backup ()	ON
🛃 Servers	Host Name	test	Data restore	ON
Server groups	CommServe host name	commserve.cv.lab		
Jobs	Version	11 SP9+		
Alerts	Security		Edit	
Events	Associations Owners			
Plans 📄	No associations defined on this object			
Replication >	Show inherited association			

Managing BaaS application processes

If required, the BaaS application services and be stopped / started by the following process;

Windows

Start Menu\All Programs\Commvault\Commvault Process Manager



<u>Linux</u>

To check agent status in Linux, logon to server as Root and enter the following command;

simpana start



simpana stop



simpana status



simpana restart

