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

Download	Center			
Reset filters	Q		10 🔽 Release	e Date Descending 💙
Version 11 (3)		Commvault FS iData Agen Release Date: 10/31/2017 Versio	t for Linux x64	Download
Category				
Backup Agents	502	Windows Client SP7		
Platform	5.2	Release Date: 10/17/2017 Versio	on: 11	Download
Windows-x64 (Linux-x64 (1)		CommVault IData Agent for Release Date: 01/17/2017 Versio	or Windows x64	Download
	Showing 1 t	o 3 of 3 results.		« 1 »

The package will be downloaded to your server

👪 l ⊋ 👪 = l	Downloads				×
File Home Share	View				~ 📀
🛞 💿 👻 🕆 🚺 🕨 Th	is PC + Downloads	~ 0	Search Download	is	Q
4 👉 Favorites	Name	Date modified	Туре	Size	
Desktop	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



🍑 I 🕞 👪 👻 I		Application Tools	Downloads	×
File Home 1	Share View	Manage		~ 🚱
🔄 💿 👻 🕈 🊺	This PC Dov	wnloads	V 🖒 Search Dor	wnloads ,P
★ Favorites ■ Desktop B Downloads 20 Recent places	¢	Custom	Package Manager	Size 825,284 KB
this PC	Custom Packag	e Manager will extract in	staller files to the following folder.	
Network	To extract to a	different folder, click Br	owse and select another folder.	
	Destination Pro- Critizing and Space required Space available Commont	older 3 Infony-ward Lyns faf 2 818, 746 2 20, 1G0	Browse	
1 item 1 item selec				_
Bil D B ▼ 1 File Home S	Share View	Application Tools Manage	Downloads	
I Image: I	Share View	Application Tools Manage wnloads	Downloads	Amiloads
Four Fourier	Community	Application Tests Manage writeets Custom x40_J14_x80_s64eee.	Downloads v c) Search Der Package Manager • × c) Search Der v c) Searc	entrada

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

Selection and the selection of the selec		
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 v English v Help
My Applications	
Backup, restore and sync your data	Reports Track storage utilization trends and anticipate future resource needs.
Download Center Download your softwure	Forms Perform taska
Analytics Intelligent data exploration, discovery and visualization.	Store Access Store to download and install the latest software components and updates.
Admin Console Perform administrative 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

Filter navigation	Servers				Ado	d server Add gateway	Send logs Q	Search
Servers	Name 👻	Configured	Туре	05	Version	Update status	Restore	Actions
Server groups	You know_CM_4612	1	Linux File System, Windows File System	Reference Copy Client	311	Not applicable	Restore	0
ing jobs	vmwin2012r2	~	Windows File System, SQL Server	Microsoft Windows Server 2012 (64-bit)	11 SP9+	Up to date	Restore	-
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	Θ
Plans	VCENTER	~	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	
Replication >	test plan Edge Drive	-	Windows File System	Windows	11	Not applicable	Restore	•
Le Companies	test case_CM_4607	2	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	~	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	•
Backup Job summary	SharepointFarm	~		Any	11	Not applicable	Restore	
🗟 Restore job summary	SHAREPOINT	-	Windows File System, SQL Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	-
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 software Jobs
🛃 Servers	General			Activity control		
Server groups	General			Activity control		
🚔 Jobs	Server name	test		Data backup 🕔	ON	
	Host Name	test		Data restore	ON	
Alerts	Vertion	11 CPD+				
😂 Events	VEISION	113634				
Plans	Security		Edit			
Explication >	Security		Euk			
- Companies	Associations Owners					
20 Companies	No associations defined on this object					
🕍 Reports 🗸 🗸						
📓 SLA	Show inherited association					
Backup job summary						
Restore job summary	Agents				Q	Search
- nestone job summary	Type .		Install date		Actions	-
Storage utilization	type		ilistali date		Actions	
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 Rest	ore history
Servers	General			Activity control		
Jobs	Server name Install date	test Dec 1, 2017 3:27:48 PM		Data backup Data restore	CNN CNN	
Alerts	Version	11(BUILD80)				
Plans	No associations defined on this object		Edit			
Le Companies	Show inherited association					
Reports 🗸	Backup sets				Add backup set	
Backup job summary	Туре 🔺		Plan		Actions	=
Restore job summary	defaultBackupSet				·	

Click Actions, then Click Backup

Filter navigation	Servers & test & rile System &				
🗞 CommCell	defaultBackupSet			Backup history	Restore history
Servers	General		Security		Edit
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					
🕍 Reports 🖌 🗸	Subclients			Add subclient	
📓 SLA	Туре 🔺		Restore	Actions	≡
👌 Backup job summary	default			Θ	
Restore job summary Storage utilization				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

Filter navigation	Servers				Add	server Add gateway	Send logs	Sea
🔮 Dashboard	Company : All companies							
😂 Solutions 🔷	Name 🔺	Configured	Туре	OS	Version	Update status	Restore	
CommCell	Amazon	~	Virtual Server	Any	11	Not applicable	Restore	
Servers	AWSLinuxGuest	~	Linux File System, Virtual Server	Linux_64-bit	11 SP8+	Needs update	Restore	
Server groups	awsma	~	Windows File System, Virtual Server	Windows Server 2012 R2 Standard_64-bit	11 SP9+	Up to date	Restore	
Jobs	azma	~	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Datacenter	11 SP9+	Up to date	Restore	
Alerts	AzureBlob	1	Cloud Apps	Any	11	Not applicable	Restore	
Events	AzureRM	1	Virtual Server	Any	11	Not applicable	Restore	
Plans	case 2_CM_2	~	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	
	case 745754_CM_2	~	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	
Companies	case manager test_CM_4133	~	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	
	Case_Oracle_CM_4424	~	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	
Storage >	cluster1.cv.lab	~	NAS, Windows File System	Data ONTAP 8.2.3 Cluster-Mode	11	Not applicable	Restore	
Security >	COMMSERVE	~	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	
	Complaints_CM_4574	~	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	
	ContentAnalyzer2	~	Distributed Apps	Any	11	Not applicable	Restore	

Restore dialog, Select or browse backup content

Filter navigation	Servers > DATACORE > File System > de	Servers > DATACORE > File System > defaultBackupSet > default >										
腔 Dashboard	Backup content	Backup content										
Solutions	>	Restore		Show deleted items Showing latest backup 👻								
💑 CommCell	▶ default	default										
Servers		Name	Size	Backup time								
Server group:		[System State BCD]	7.01 KB	Sep 3, 7:44:43 PM								
Jobs		System State]	12.45 GB	Sep 3. 7:44:43 PM								
Alerts			5.06 GB	Sep 3, 7:44:43 PM								
Events												
Plans												

Click on required data, then Click Restore

Filter navigation	Servers > DATACORE > File System > defaultBac	kupSet > default >										
Dashboard	Backup content											
Solutions		Show deleted items Showing latest backup 🔻										
💑 CommCell	▶ default	default / C:										
Servers		Name	Size	Backup time								
Server groups		\$Recycle.Bin	387 B	Sep 3, 7:44:43 PM								
- inhe		Documents and Settings	0 B	Sep 3, 7:44:43 PM								
		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								
🗶 Companies	6	RESTORE	0 B	Sep 3, 7:44:43 PM								
🕍 Reports 🔷 🕻		System Volume Information	20.01 KB	Sep 3, 7:44:43 PM								
Storage >		testDD8	0.8	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	e Jobs 🔻											Q, Sea	rch 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		53	
ommCell	277603	Report	Completed					0 B	Dec 7, 5:00:48	Dec 7, 5:01:11	4 days 18 hrs 4	Θ		Completed	l
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

Ad	lmin Console												
Fil	iter navigation		obs >										
15			Job 27760	3 - [Re	port]								
۲		>	Job summary							Joi	o details		
-			Type			Report				Rep	iort type		Backup Job Summary
			Current phase			Schedu	led Report						
			Status			Completed							
10	server groups		Progress				100%						
-			Last update time			Dec 7, 5	:01:11 PM						
			Start time			Dec 7, 5	:00:48 PM						
-	Evente		Job started by			Admin							
-			Job started from			Scheduled							
			Schedule name			Job Sun	nmary report						
		>											
20			Events All 🔻										
18		>	Severity	Event ID	Date		Program	Computer	Eve	ent code	Description		
8		>	No events found										
-													

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

To view events related to backup or recov	very operations, click Events
---	-------------------------------

Admin Console								English + 👃 -	
Filter navigation	Events 4	Ali 🔻						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 paths 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 mount 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 mount 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 paths 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 mount 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 [CommVault 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 the 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 library [CommVault VirtualLi	
Replication >	1 Info	1067018	279223	Dec 12 2017 12:30:13	JobManager	COMMSERVE	19:1053	Backup job [279223] completed. Client [ObjectStor_Migration]. Agent Type [Windows File Syste	
Le 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		Crond P						
🕍 Dashboard		Event Details for 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								
Events		New backup request received for Client [ObjectStor_Migration]. Application Type [Windows File System]. Backup Set (Admin], Subclient [Admin], Backup Level [Incremental].						

Controling Job Activity

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

Filter navigation	Servers				Add s	server Add gateway	Send logs	Search	
🗽 Dashboard	Company : All companies								
Solutions	Name 💌	Configured	Туре	OS	Version	Update status	Restore	Actions	=
🚴 CommCell	You know_CM_4612	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	.	
Servers	vmwin2012r2	1	Windows File System, SQL Server	Microsoft Windows Server 2012 (64-bit)	11 SP9+	Up to date	Restore		
Server groups	VMware	1	Virtual Server	Any	11	Not applicable	Restore	.	
Jobs	vmlinux_1	1	Oracle Database, Linux File System	CentOS 4/5/6/7 (64-bit) centos64Guest	11 SP6+	Needs update	Restore		
Alerts	VCENTER	1	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	$\overline{\mathbf{O}}$	
Events	test plan Edge Drive	1	Windows File System	Windows	11	Not applicable	Restore	Θ	
Plans	test case_CM_4607	1	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	Θ	
Replication >	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	Θ	

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 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

