

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

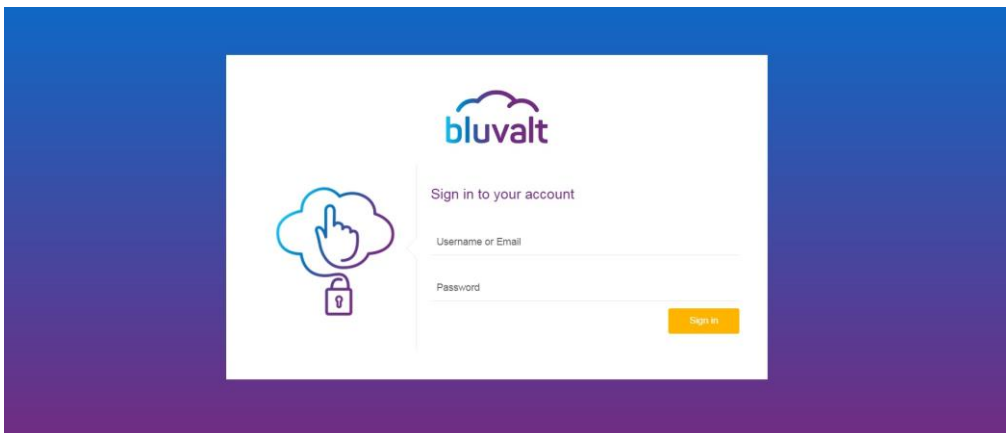
You can access the Admin Console by using the URL that your administrator provides.

Procedure

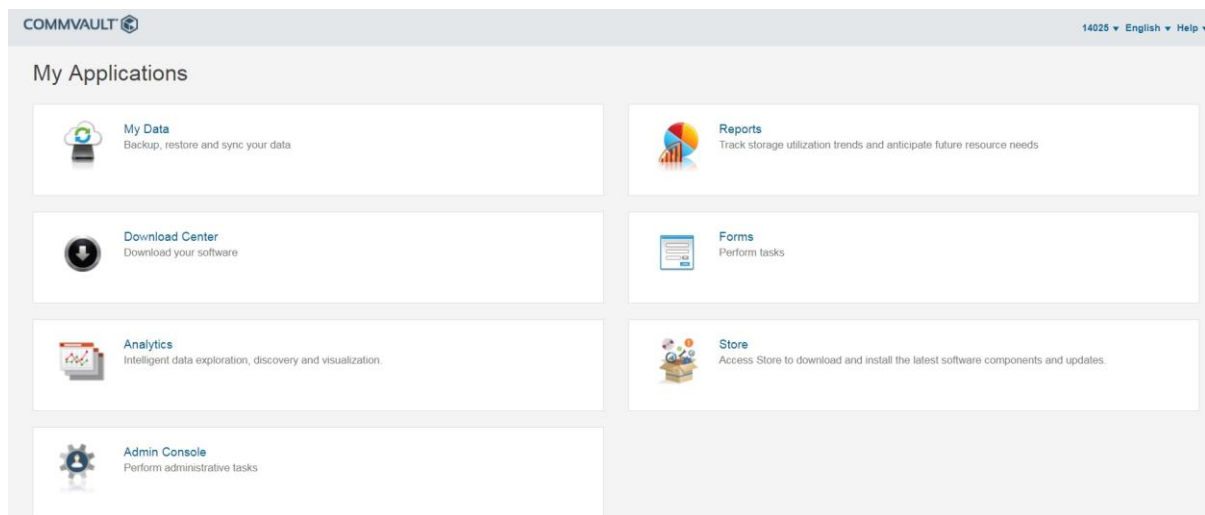
1. Go to <https://braas.bluvault.com/>
2. *Type your email and click TAP,*



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



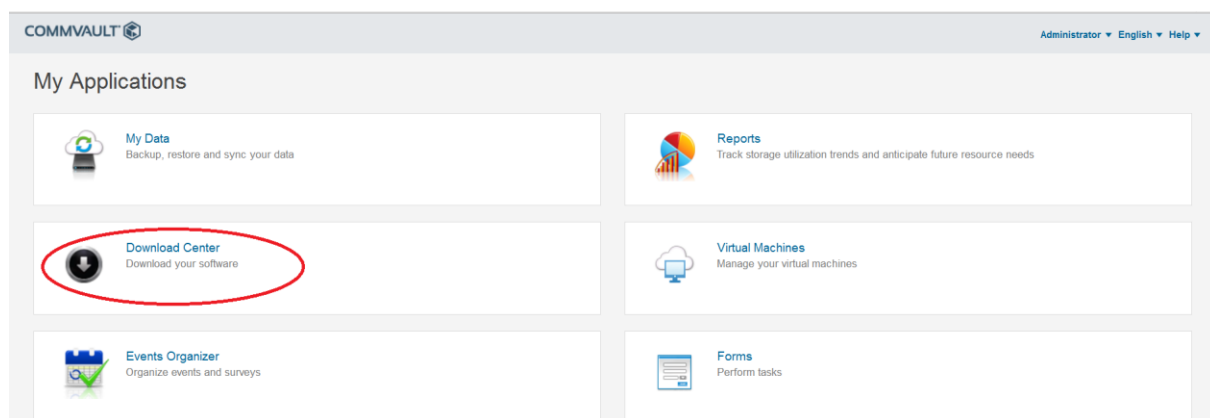
You will then be presented with the BaaS application landing page



► Adding a Server

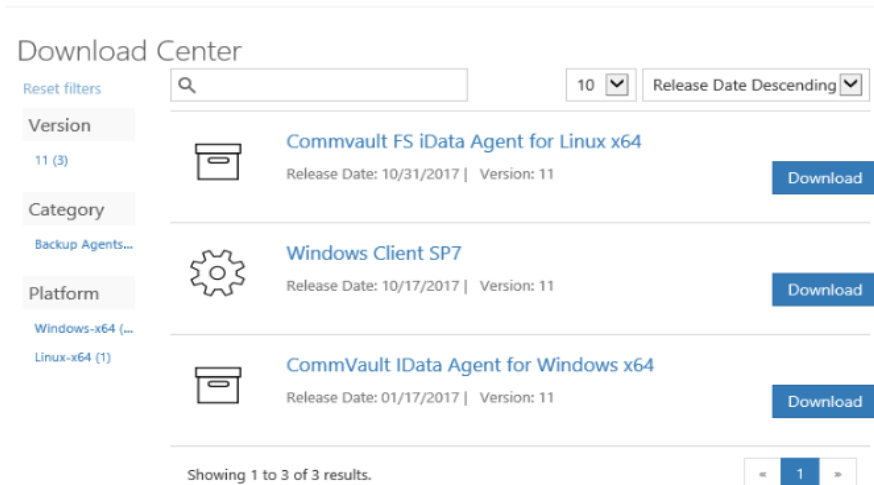
Tenants of the service are responsible for downloading, installing and registering new clients to the service.

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

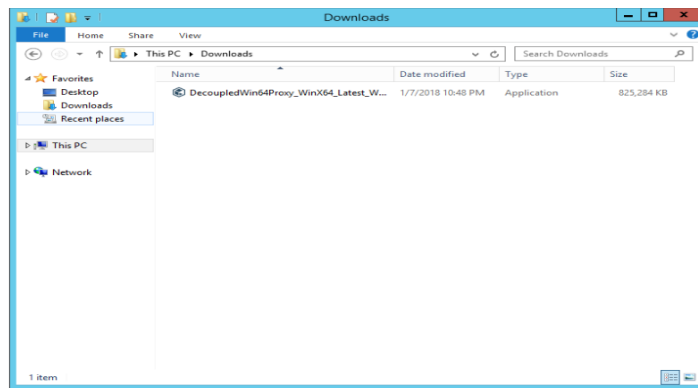


Windows Install

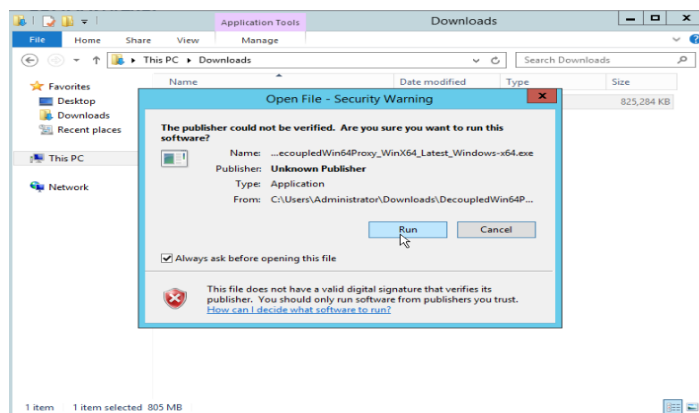
Click download next to required OS



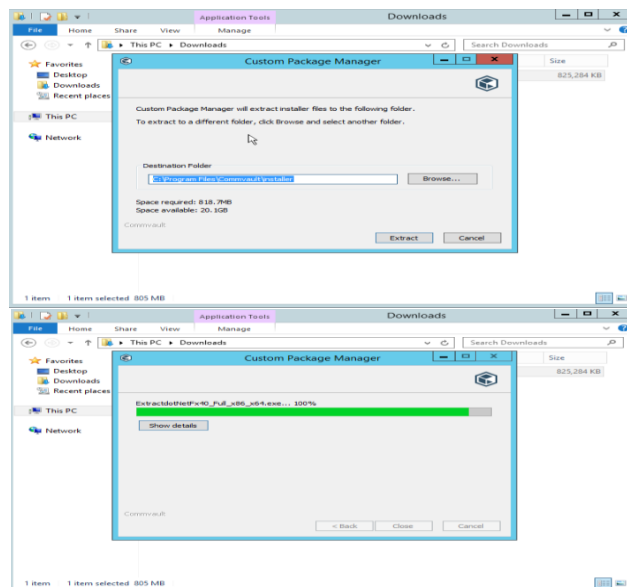
The package will be downloaded to your server



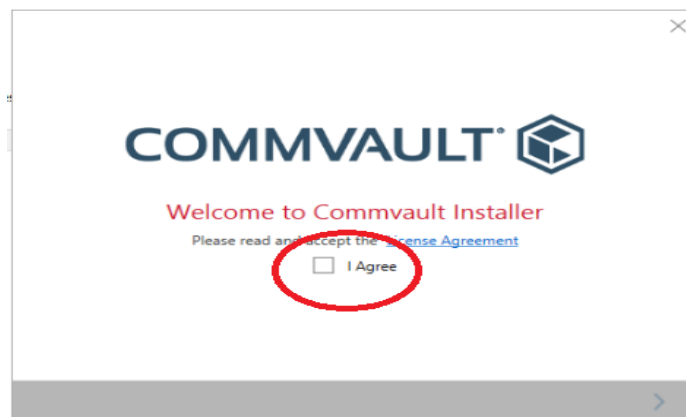
Double click the file and choose Run



Choose install location and Extract



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



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

A screenshot of a "User Laptop Registration" dialog box. The dialog has a title bar with a blue background and a close button. The main area contains the text: "Enter your credentials to register your laptop and start backing up your data." Below this text are three input fields: "Computer Name" (containing "push-installati"), "User Name or Email Address", and "Password". At the bottom, there are two buttons: "Activate" and "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.*

Linux Install

Add the following to the local hosts file:

95.177.208.168 cvpxsrv1

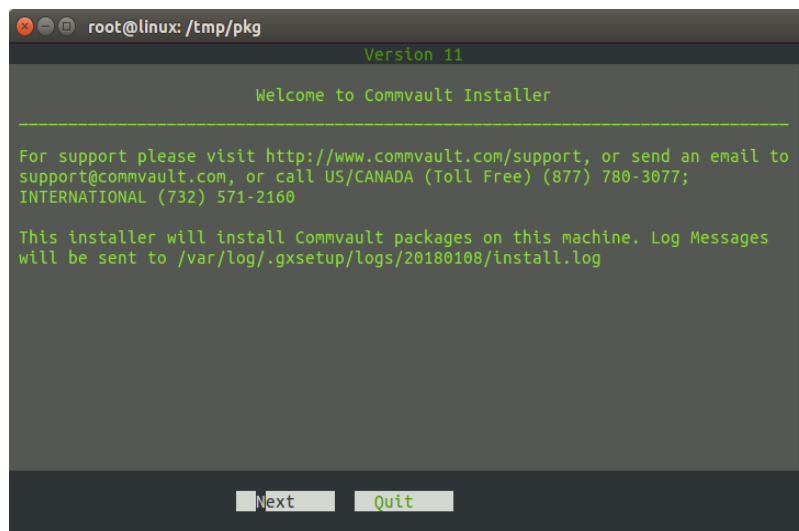
95.177.208.169 cvpxsrv2

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

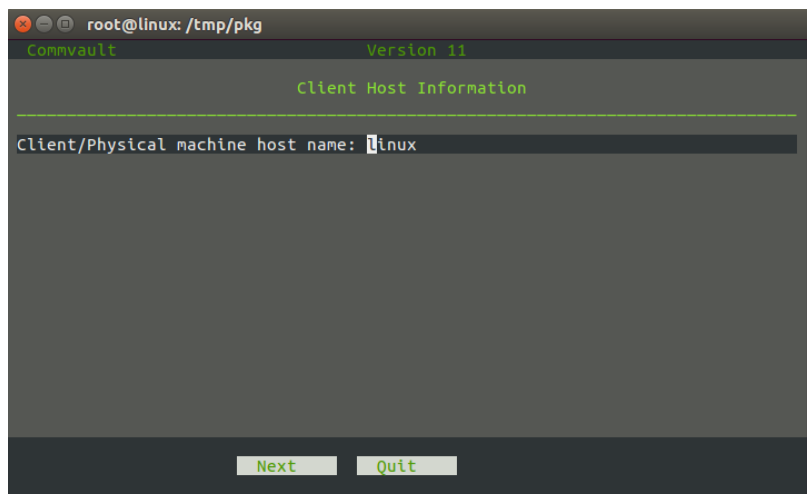
```
tar xvf custom_pkg_Linux-x64.tar
```

```
cd pkg/
```

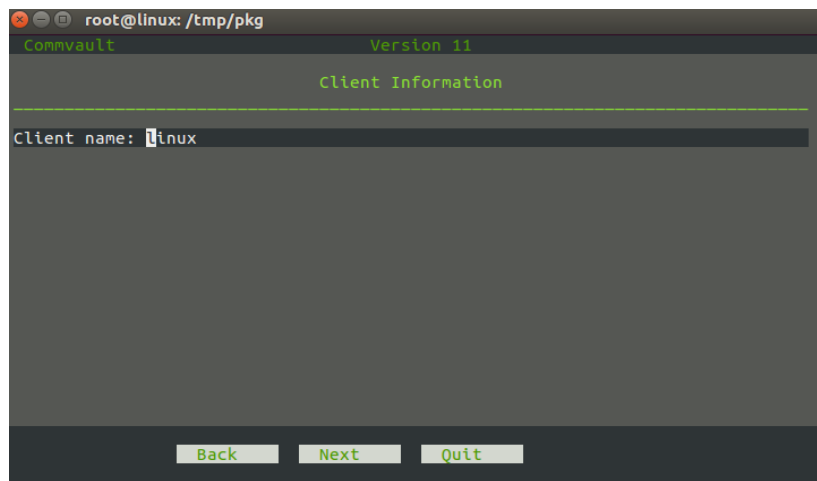
```
./cvpkgadd
```



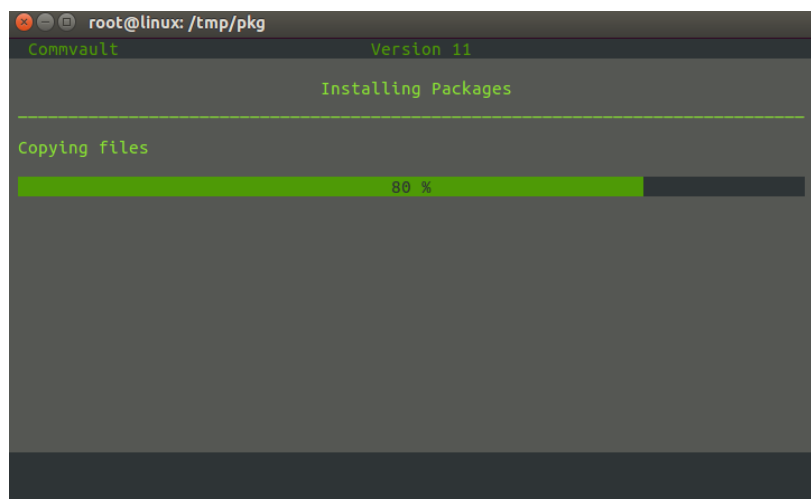
Enter Client Host name



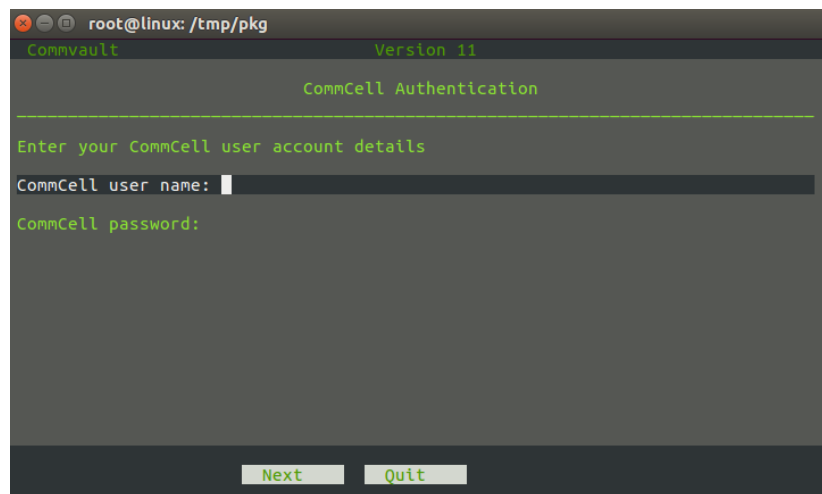
Client Name



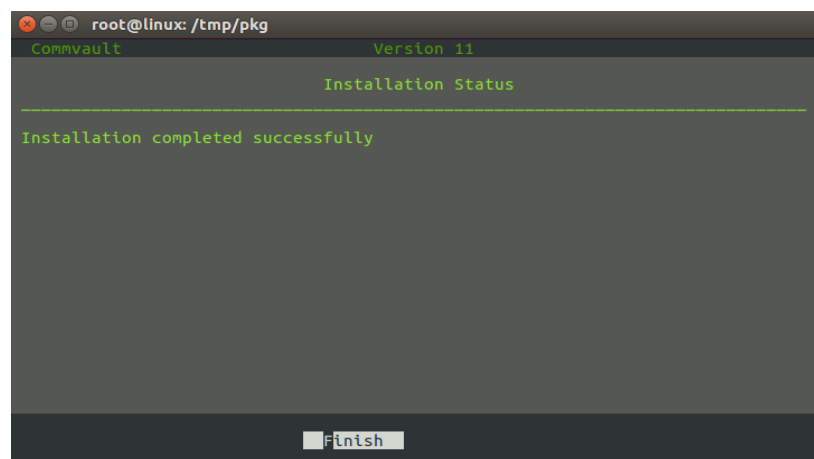
Installation begins



Enter Service User name and password

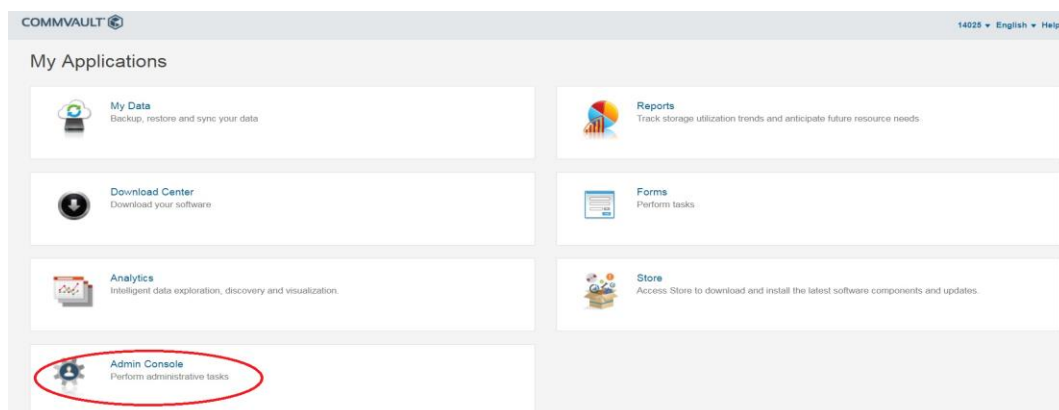


When Complete the following screen will be displayed

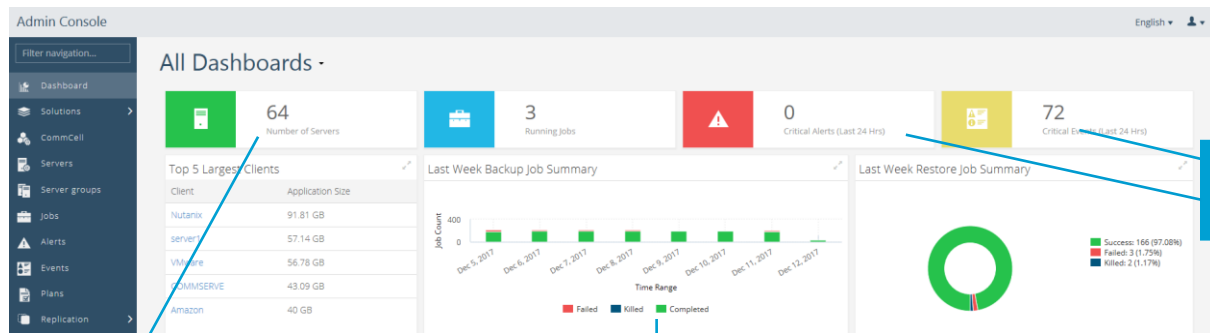


► Tenant DashBoard View

To perform BaaS tasks, click on Admin Console



You will be presented with your BaaS service Dash Board



Number of Servers

Job performance Summary



Performing a Backup

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

Filter navigation...

CommCell

Servers

Server groups

Jobs

Alerts

Events

Plans

Replication

Companies

Reports

SLA

Backup job summary

Restore job summary

Storage utilization

Servers

Company:

Name	Configured	Type	OS	Version	Update status	Restore	Actions
You know_CM_4612	✓	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	⊖
vmwin2012r2	✓	Windows File System, SQL Server	Microsoft Windows Server 2012 (64-bit)	11 SP9+	Up to date	Restore	⊖
VMware	✓	Virtual Server	Any	11	Not applicable	Restore	⊖
vmlinux_1	✓	Oracle Database, Linux File System	CentOS 4/5/6/7 (64-bit) centos64Guest	11 SP6+	Needs update	Restore	⊖
VCENTER	✓	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	⊖
test plan Edge Drive	✓	Windows File System	Windows	11	Not applicable	Restore	⊖
test case_CM_4607	✓	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	⊖
test	✓	Windows File System	Windows Server 2012 R2 Datacenter	11 SP9+	Needs update	Restore	⊖
tesg_CM_4608	✓	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	⊖
SharepointFarm	✓	Any	Any	11	Not applicable	Restore	⊖
SHAREPOINT	✓	Windows File System, SQL Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	⊖
server2	✓	Windows File System	Windows Server 2012 R2 Standard	11 SP9+	Ahead of cache	Restore	⊖

Click FileSystem

Filter navigation...

CommCell

Servers

Server groups

Jobs

Alerts

Events

Plans

Replication

Companies

Reports

SLA

Backup job summary

Restore job summary

Storage utilization

Audit trail

User and user group

Servers >

test

General

Server name: test

Host Name: test

CommServe host name: commserve.cv.lab

Version: 11 SP9+

Security

Associations: Owners

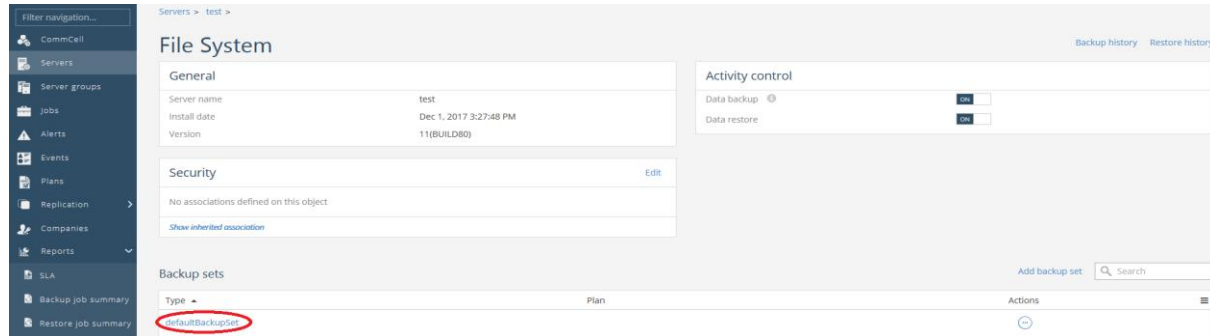
No associations defined on this object

Show inherited association

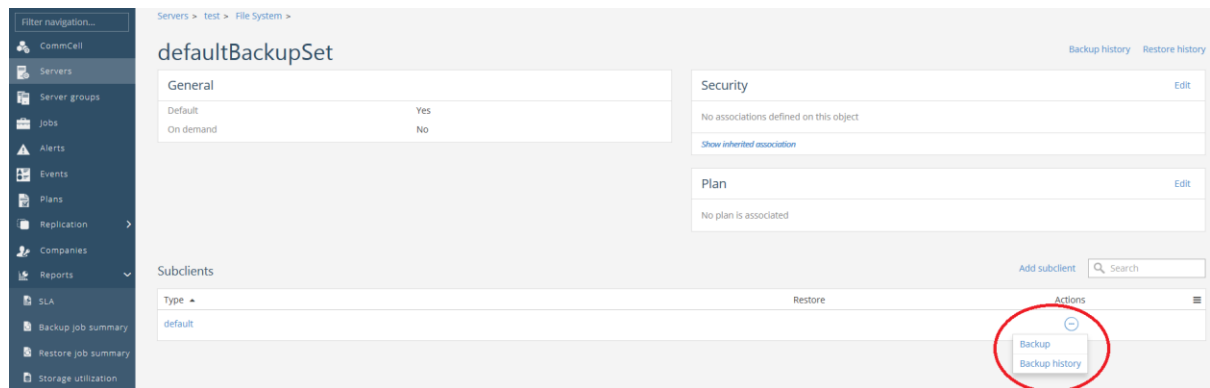
Agents

Type	Install date	Actions
File System	Dec 1, 2017 3:27:48 PM	⊖

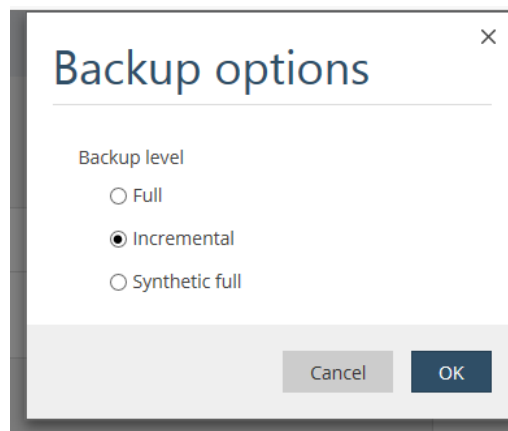
Click Default Backup Set



Click Actions, then Click Backup



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								
Company : All companies								
Name	Configured	Type	OS	Version	Update status	Restore	Actions	
Amazon	✓	Virtual Server	Any	11	Not applicable	Restore	⌵	
AWSLinuxGuest	✓	Linux File System, Virtual Server	Linux_64-bit	11 SP8+	Needs update	Restore	⌵	
awsma	✓	Windows File System, Virtual Server	Windows Server 2012 R2 Standard_64-bit	11 SP9+	Up to date	Restore	⌵	
azma	✓	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 DataCenter	11 SP9+	Up to date	Restore	⌵	
AzureBlob	✓	Cloud Apps	Any	11	Not applicable	Restore	⌵	
AzureRM	✓	Virtual Server	Any	11	Not applicable	Restore	⌵	
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	⌵	
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	⌵	
cluster1.cvlab	✓	NAS, Windows File System	Data ONTAP 8.2.3 Cluster-Mode	11	Not applicable	Restore	⌵	
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	⌵	

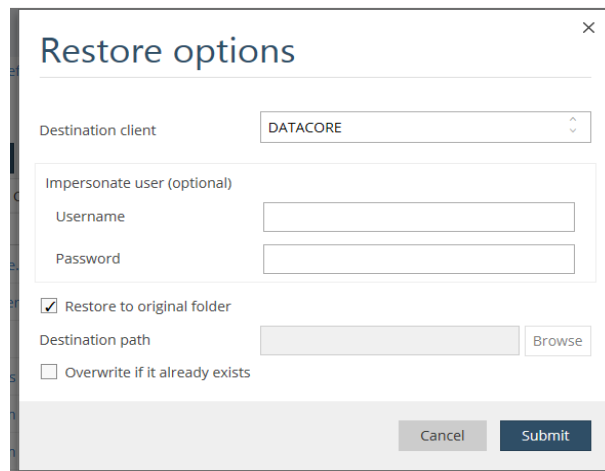
Restore dialog, Select or browse backup content

Servers > DATACORE > File System > defaultBackupSet > default >			
Backup content			
<div>Restore</div> <div>Show deleted items Showing latest backup ▼</div>			
<div>default</div> <div>default</div>			
<input type="checkbox"/>	Name	Size	Backup time
<input type="checkbox"/>	[System State BCD]	7.01 KB	Sep 3, 7:44:43 PM
<input type="checkbox"/>	[System State]	12.45 GB	Sep 3, 7:44:43 PM
<input checked="" type="checkbox"/>	C:	5.06 GB	Sep 3, 7:44:43 PM

Click on required data, then Click Restore

Servers > DATACORE > File System > defaultBackupSet > default >			
Backup content			
<div>Restore</div> <div>Show deleted items Showing latest backup ▼</div>			
<div>default / C:</div>			
<input type="checkbox"/>	Name	Size	Backup time
<input type="checkbox"/>	\$Recycle.Bin	387 B	Sep 3, 7:44:43 PM
<input type="checkbox"/>	Documents and Settings	0 B	Sep 3, 7:44:43 PM
<input type="checkbox"/>	inetpub	111.29 KB	Sep 3, 7:44:43 PM
<input type="checkbox"/>	PerfLogs	0 B	Sep 3, 7:44:43 PM
<input type="checkbox"/>	Program Files	2.91 GB	Sep 3, 7:44:43 PM
<input type="checkbox"/>	Program Files (x86)	38.97 MB	Sep 3, 7:44:43 PM
<input type="checkbox"/>	ProgramData	273.46 MB	Sep 3, 7:44:43 PM
<input checked="" type="checkbox"/>	RESTORE	0 B	Sep 3, 7:44:43 PM
<input type="checkbox"/>	System Volume Information	20.01 KB	Sep 3, 7:44:43 PM
<input type="checkbox"/>	testDOB	0 B	Sep 3, 7:44:43 PM
<input type="checkbox"/>	Users	193.05 MB	Sep 3, 7:44:43 PM

Restore options will be displayed



Restore options

Destination client:

Impersonate user (optional)

Username:

Password:

☒ Restore to original folder

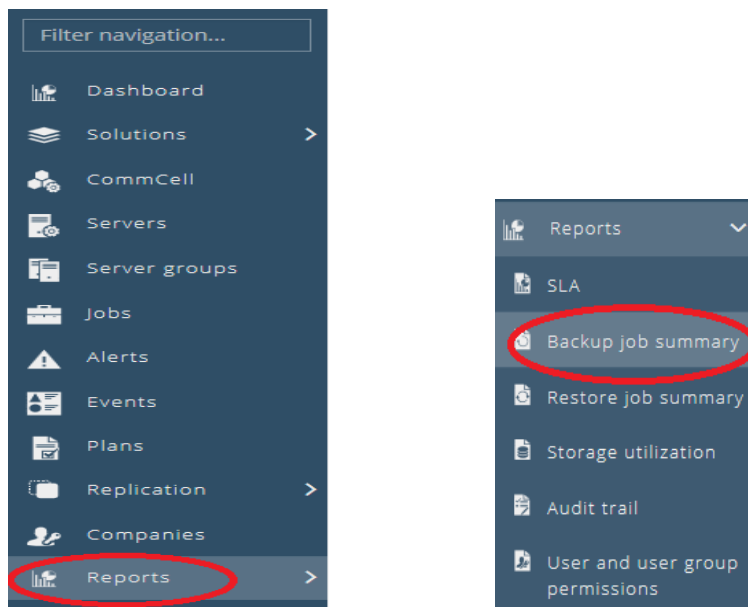
Destination path:

☐ Overwrite if it already exists

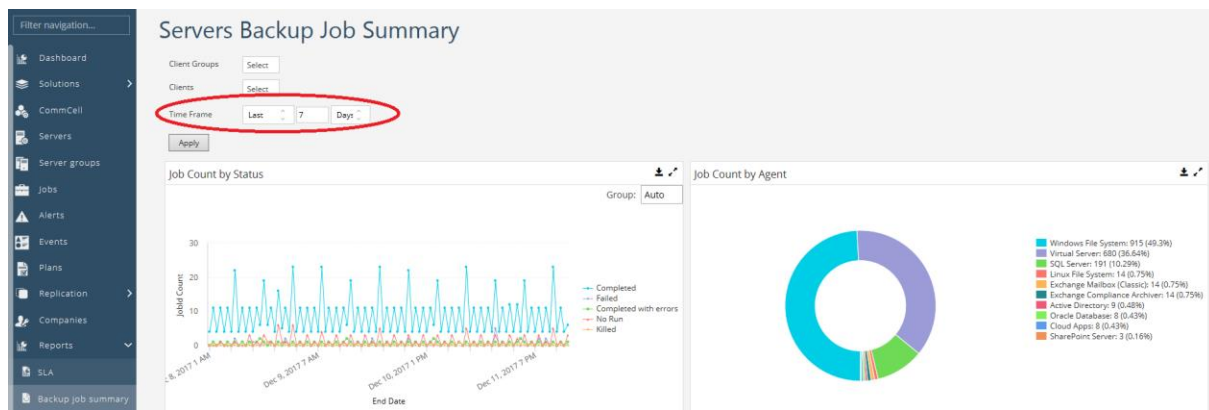
Click Submit

▶ Running a Report

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

Jobs Active jobs

Search by Job ID

Job ID	Operation	Status	Server	Agent type	Subclient	Backup type	Size of appl...	Start time	Last update ti...	Elapsed time...	Actions	JPR	Progress
279210	Replication	Running	awsma	Virtual Server			4.63 KB	Dec 12, 11:08:5...	Dec 12, 11:09...	40 min 6 sec			
277603	Report	Completed					0 B	Dec 7, 5:00:48...	Dec 7, 5:01:11...	4 days 18 hrs 4...			Completed
269040	Backup	Pending	vmlinux_1	Oracle Database	NewDBs	Full	0 B	Nov 10, 9:00:2...		0 sec		19:1131	

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

Admin Console

jobs >

Job 277603 - [Report]

Job summary

Type	Report
Current phase	Scheduled Report
Status	Completed
Progress	<div></div>
Last update time	Dec 7, 5:01:11 PM
Start time	Dec 7, 5:00:48 PM
Job started by	Admin
Job started from	Scheduled
Schedule name	Job Summary report

Job details

Report type	Backup job Summary

Events All

Severity	Event ID	Date	Program	Computer	Event code	Description
No events found						

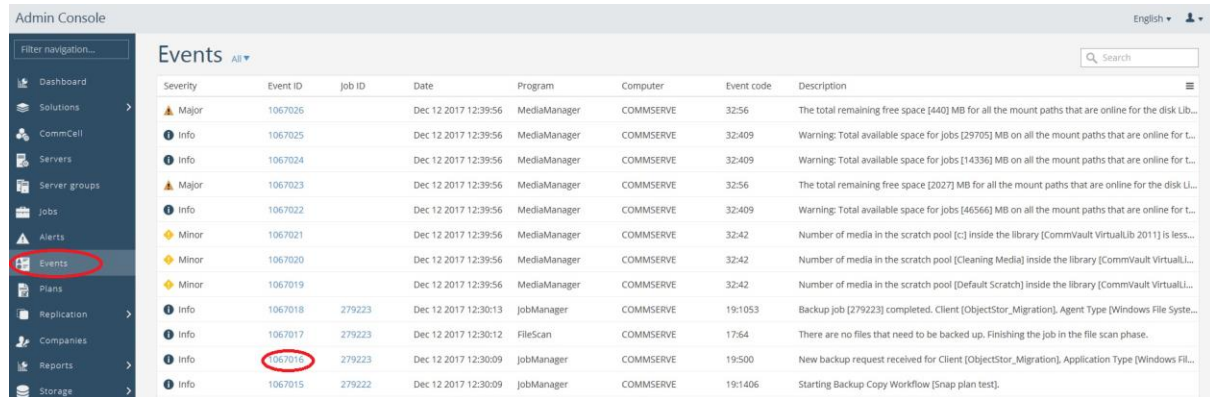


Viewing Alerts & Events

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

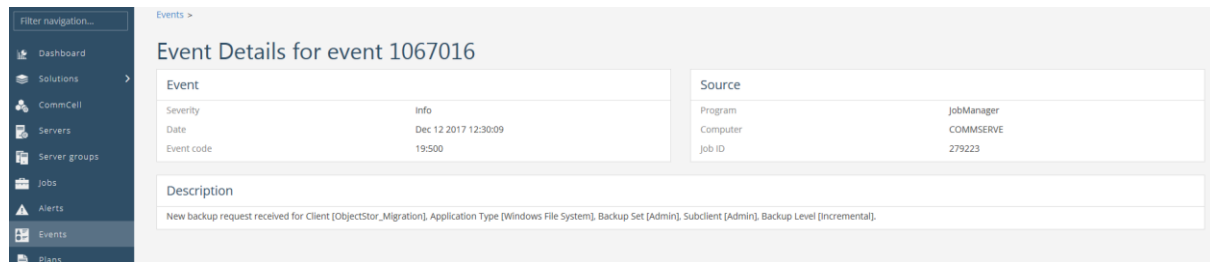
- Backup job failed
- Backup job succeeded
- Restore job failed
- Restore job succeeded

To view events related to backup or recovery operations, click Events



Severity	Event ID	Job ID	Date	Program	Computer	Event code	Description
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...
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...
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...
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 U...
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...
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...
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 VirtualL...
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 VirtualL...
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...
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.
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...
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



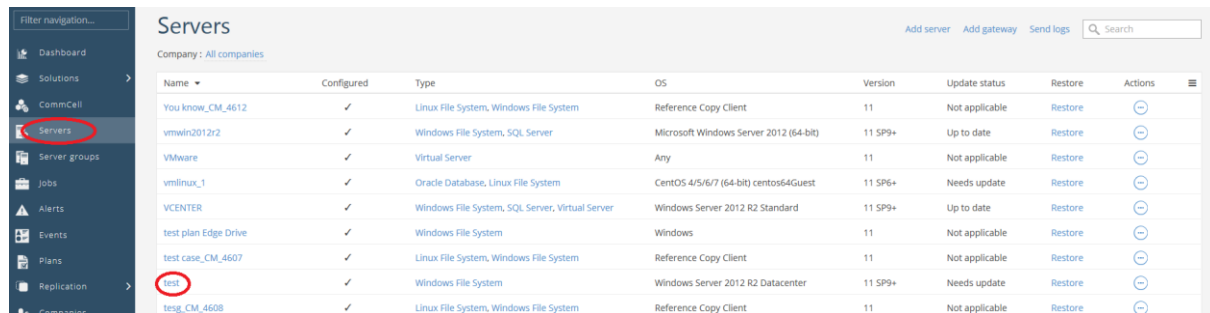
Event		Source	
Severity	Info	Program	JobManager
Date	Dec 12 2017 12:30:09	Computer	COMMSERVE
Event code	19:500	Job ID	279223

Description

New backup request received for Client [ObjectStor_Migration]. Application Type [Windows File System]. Backup Set [Admin]. Subclient [Admin]. Backup Level [Incremental].

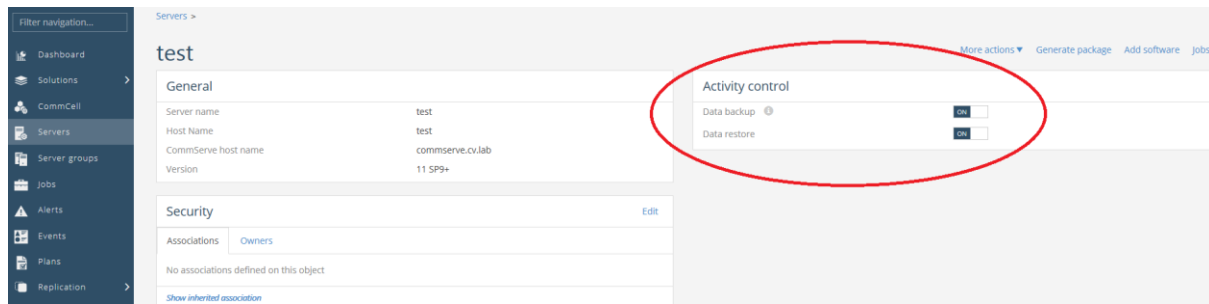
▶ Controlling Job Activity

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



Name	Configured	Type	OS	Version	Update status	Restore	Actions
You know_CM_4612	✓	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	⌵
vmwin2012r2	✓	Windows File System, SQL Server	Microsoft Windows Server 2012 (64-bit)	11 SP9+	Up to date	Restore	⌵
VMware	✓	Virtual Server	Any	11	Not applicable	Restore	⌵
vmlinux_1	✓	Oracle Database, Linux File System	CentOS 4/5/6/7 (64-bit) centos64Guest	11 SP6+	Needs update	Restore	⌵
VCENTER	✓	Windows File System, SQL Server, Virtual Server	Windows Server 2012 R2 Standard	11 SP9+	Up to date	Restore	⌵
test plan Edge Drive	✓	Windows File System	Windows	11	Not applicable	Restore	⌵
test case_CM_4607	✓	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	⌵
test	✓	Windows File System	Windows Server 2012 R2 Datacenter	11 SP9+	Needs update	Restore	⌵
test_CM_4608	✓	Linux File System, Windows File System	Reference Copy Client	11	Not applicable	Restore	⌵

You can toggle between Enable / Disable

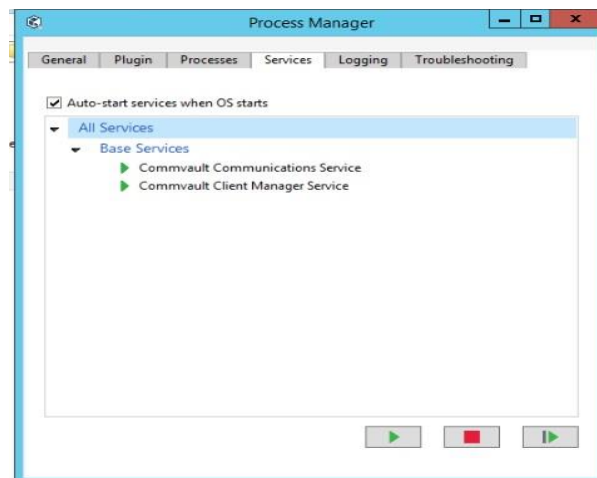


► Managing BaaS application processes

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

Windows

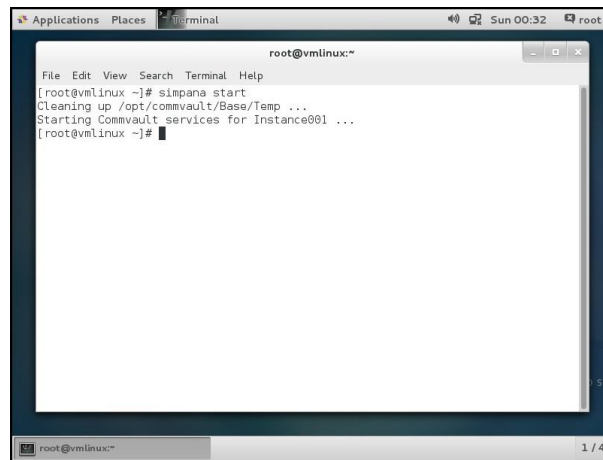
Start Menu\All Programs\Commvault\Commvault Process Manager



Linux

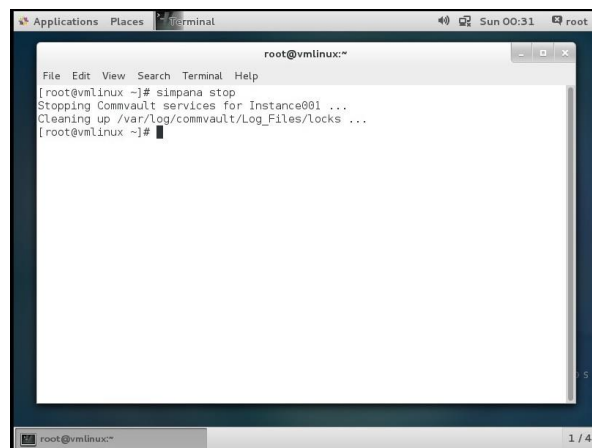
To check agent status in Linux, logon to server as Root and enter the following command;

`simpana start`



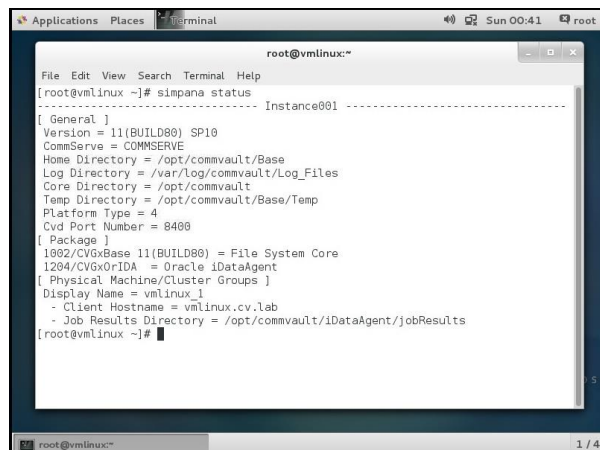
```
root@vmlinux:~  
File Edit View Search Terminal Help  
[root@vmlinux ~]# simpana start  
Cleaning up /opt/commvault/Base/Temp ...  
Starting Commvault services for Instance001 ...  
[root@vmlinux ~]#
```

simpana stop



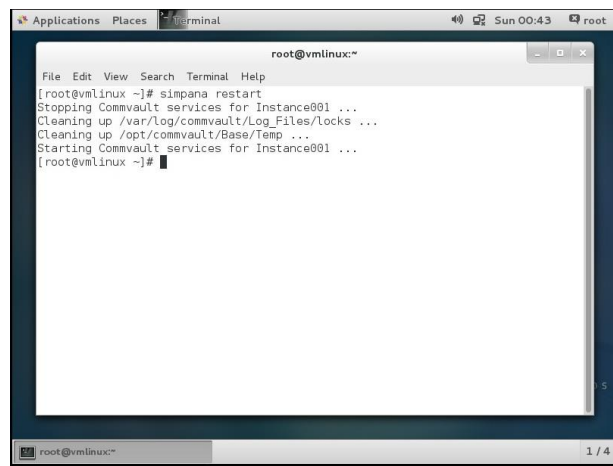
```
root@vmlinux:~  
File Edit View Search Terminal Help  
[root@vmlinux ~]# simpana stop  
Stopping Commvault services for Instance001 ...  
Cleaning up /var/log/commvault/Log_Files/Locks ...  
[root@vmlinux ~]#
```

simpana status



```
root@vmlinux:~  
File Edit View Search Terminal Help  
[root@vmlinux ~]# simpana status  
----- Instance001 -----  
{ General }  
Version = 11(BUILD80) SP10  
CommServe = COMMSERVE  
Home Directory = /opt/commvault/Base  
Log Directory = /var/log/commvault/Log_Files  
Core Directory = /opt/commvault  
Temp Directory = /opt/commvault/Base/Temp  
Platform Type = 4  
Cvd Port Number = 8400  
{ Package }  
1002/CVGxBase 11(BUILD80) = File System Core  
1204/CVGxOrIDA = Oracle iDataAgent  
{ Physical Machine/Cluster Groups }  
Display Name = vmlinux_1  
- Client Hostname = vmlinux.cv.lab  
- Job Results Directory = /opt/commvault/iDataAgent/jobResults  
[root@vmlinux ~]#
```

simpana restart



A terminal window titled 'terminal' with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Sun 00:43, root). The prompt is 'root@vmlinux:~'. The command '[root@vmlinux ~]# simpana restart' has been executed, resulting in the following output: 'Stopping Commvault services for Instance001 ...', 'Cleaning up /var/log/commvault/Log_Files/locks ...', 'Cleaning up /opt/commvault/Base/Temp ...', and 'Starting Commvault services for Instance001 ...'. The prompt returns to '[root@vmlinux ~]#'. A small '5' is visible in the bottom right corner of the terminal area. The status bar at the bottom shows 'root@vmlinux:~' and '1 / 4'.

```
root@vmlinux:~  
File Edit View Search Terminal Help  
[root@vmlinux ~]# simpana restart  
Stopping Commvault services for Instance001 ...  
Cleaning up /var/log/commvault/Log_Files/locks ...  
Cleaning up /opt/commvault/Base/Temp ...  
Starting Commvault services for Instance001 ...  
[root@vmlinux ~]#
```