

BACKUP EXEC 15

Backup Exec™ 15 delivers powerful, flexible, and easy-to-use backup and recovery that is designed for your entire infrastructure regardless of platform: virtual, physical or cloud. With Backup Exec, you get fast, reliable backup and recovery of data and systems at every level and advanced integration with the most recent releases of VMware and Hyper-V. In a matter of minutes, you can recover anything including VMs, applications, databases, files, folders and granular application objects. Protect one to thousands of virtual machines and servers all from the same user console for optimal performance and efficiency. Backup Exec saves time, money and helps ensure your critical information is always protected and easily recoverable.

- **Powerful:** Improve the performance of your backup and recovery with Backup Exec; a solution that enables fast, reliable backup and recovery of data and systems at every level and includes advanced integration with the most recent releases of VMware and Hyper-V. Backup Exec can also help solve your growing data challenges, regardless of how much that data changes. Avoid lengthy downtime and remain within critical backup windows with Backup Exec.
- **Flexible:** Not every backup solution has the flexibility to protect your environment while also delivering agile recovery. Backup Exec protects both virtual and physical architectures and can backup anything to virtually any storage device and can restore anywhere. From VMs, to entire servers, applications or single files and folders, Backup Exec is the single solution for all of your needs.
- **Easy to use:** Complex backup and recovery products can be inefficient, time consuming, and expensive to manage. Through intuitive wizards and insightful dashboards, Backup Exec is easy to implement, use and manage, whether you are upgrading from a previous version or switching from a competitive product.

Save time and money, secure confidential data and help ensure all your critical information is always protected and recoverable with Backup Exec.

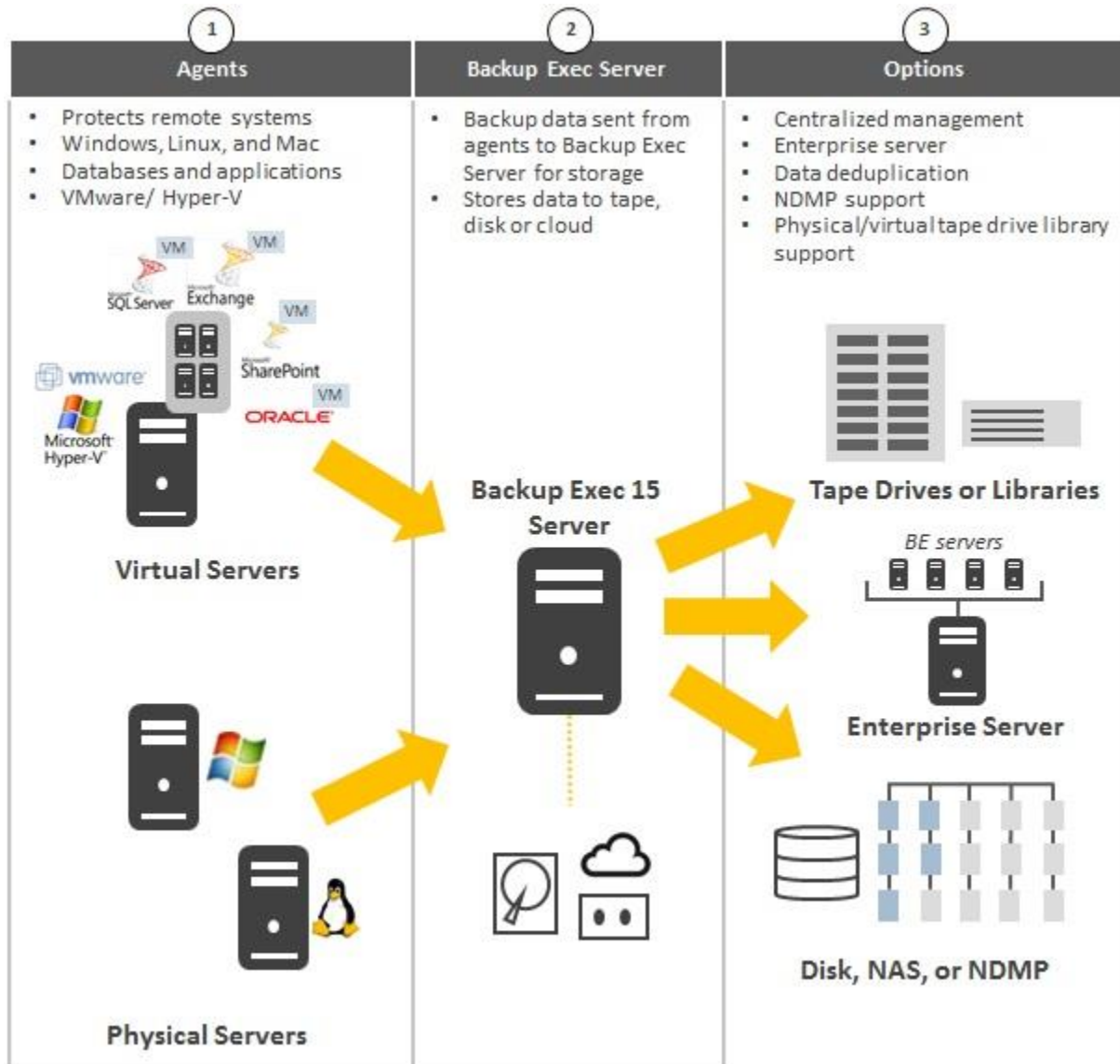
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I. PRODUCT OVERVIEW



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II. PACKAGING AND LICENSING OVERVIEW

Backup Exec is easy-to-use and easy-to-license. Backup Exec has different capacity based offerings based on the level of protection and functionality you need in a backup solution.

By features:

Product features		Capacity Edition Lite	Capacity Edition
		Per front-end TB	Per front-end TB
Protection coverage	Virtual	✓	✓
	Physical	✓	✓
Platform support	Windows	✓	✓
	Linux	✓	✓
	Mac		✓
	VMware	✓	✓
	Hyper-V	✓	✓
Application support	Microsoft Exchange	✓	✓
	Microsoft SQL Server	✓	✓
	Microsoft SharePoint	✓	✓
	Active Directory	✓	✓
	Oracle	✓	✓
	Lotus Domino	✓	✓
	Enterprise Vault	✓	✓
Other key features	Physical to Virtual conversion	✓	✓
	Centralized Management		✓
	Advanced Disk Backup		✓
	Deduplication		✓
	Physical Tape Drive Library Support	Single drive	Multiple drives
	Virtual Tape Drive Library Support	Single drive	Multiple drives
	NDMP support		✓
	File/Email Archiving		✓

By Agent/Options:

	Capacity Edition Lite	Capacity Edition
	Per front-end TB	Per front-end TB
Backup Exec Server	✓	✓
Agent for Windows	✓	✓
Agent for Applications and Databases	✓	✓
Agent for VMware & Hyper-V	✓	✓
Agent for Linux	✓	✓
Agent for Remote Media for Linux Servers		✓
Agent for Mac		✓
Enterprise Server Option		✓
Library Expansion Option		✓
Deduplication Option		✓
VTL Unlimited Drive Option		✓
NDMP Option		✓
File System Archiving Option		✓
Exchange Email Archiving Option		✓

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Our capacity offerings include unlimited deployment of Backup Exec server, agents and/or options, provided your front-end terabytes does not exceed the volume of data (in TB) specified by your license. ‘Front-end terabyte’ is defined as the size of the protected uncompressed data (i.e. data that has not been de-duplicated). You may purchase as many TBs you need according to the size of your data that needs to be protected.

TB volume discounts is available for higher data volumes. Below are the tiers.

- 1 TB
- 2 to 5 TB
- 6 to 15 TB
- 16 to 25 TB
- 26 plus TB

Example licensing scenarios

Example A:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 3 TBs of data (this includes data growth) • Needs deduplication 	<ul style="list-style-type: none"> • 3 x Backup Exec Capacity Edition 2 to 5 TB

Example B: *Optimized duplication scenario*

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 7 TBs of data (this includes data growth) • Needs to duplicate data to a cold DR site 	<ul style="list-style-type: none"> • 7 x Backup Exec Capacity Edition 6 to 15 TB

Example C: *Private cloud scenario*

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 2 TBs of data (this includes data growth) • Needs to duplicate data to a cold DR site hosted by a local ISP/partner 	<ul style="list-style-type: none"> • 2 x Backup Exec Capacity Edition 2 to 5 TB

Example D:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 1 TB of data (this includes data growth) • No special backup needs 	<ul style="list-style-type: none"> • 1 x Backup Exec Capacity Edition Lite 1 TB

Licensing FAQs

How many TBs do I purchase?

You need to purchase licenses for the amount of front-end data (data that is uncompressed/not de-duplicated) that you will back up within the next year. If you think the volume of data you need to back up will increase, but are unsure by how much, we recommend you factor in a 20% data growth rate and include that amount in the total TBs purchased. Refer to the table below as a guide.

Current TBs	Recommended TBs to purchase
1	2
2	3
3	4
4	5
5	6
10	12

What if I purchased 5 TBs and need to purchase an additional 1 TB at a later time, does that incremental purchase qualify for a volume discount?

Yes. Please provide proof of purchase of prior capacity purchase(s) to qualify for the appropriate discount level for incremental TB purchases at a later time.

Can I buy Capacity Edition Lite and buy the Deduplication Option from the a la carte model?

No. Mixing the capacity model with other licensing models is not allowed. In this case, if deduplication is needed then Capacity Edition should be purchased and not the Capacity Edition Lite.

I have 1 main site and 2 remote sites, can I purchase Capacity Edition for the main site and Capacity Edition Lite for the remote sites?

No. You must purchase the same capacity license for all sites.

If I buy Capacity Edition Lite and then later decide that I need more features, can I upgrade to Capacity Edition?

Yes. Upgrading from Capacity Edition Lite to Capacity Edition is allowed. We have cross grade SKUs that are available to easily allow the upgrade where you will get a discount to account for the cost of Capacity Edition Lite.

I am an existing customer on active maintenance with a la carte licensing and would like to switch to Capacity Edition, is that allowed?

Yes. We allow active maintenance customers with any non-capacity based Backup Exec license to easily migrate to our capacity offerings. Please see following section on migration.

Are there other licensing options available?

Yes. A la carte, V-Ray Edition, Small Business Edition are still available. Please see appendix.

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III. MIGRATION

Our capacity based offerings are our newer and easier way to license and manage Backup Exec. We are offering our active maintenance customers to migrate to capacity. For every 1 Backup Exec eligible license you get 1 TB at price of capacity renewal maintenance.

Eligibility:

- Active maintenance only
- New license purchases needs to be before 6 April 2015
- Eligible Backup Exec products that qualify for migration

<ul style="list-style-type: none"> • Backup Exec Server • Agent for Windows • Agent for Applications and Databases • Agent for VMware & Hyper-V • Agent for Remote Media for Linux • Agent for Linux • Agent for Mac • Library Expansion Option • Enterprise Server Option 	<ul style="list-style-type: none"> • Deduplication Option • NDMP Option • VTL Unlimited Drive Option • File System Archiving Option • Exchange Mailbox Archiving Option • V-Ray Edition 2 to 6 cores • V-Ray Edition 8 plus cores • Small Business Edition • Small Business Edition Agent for Windows
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Terms:

- Customer can choose between upgrading to Capacity Edition or Capacity Edition Lite
- If customer wishes to migrate in the middle of their current maintenance period, they must forfeit the remaining support period. No credit will be given for unused support.
- Customer does not have to purchase the same amount of TBs as the amount of eligible number of BE licenses they have
- If customer needs more TBs than the amount of eligible BE licenses they have, they need to purchase the remaining TBs at the standard price.
- Eligible license turned in for migration will be retired.
- The 'XGRD from Eligible BE products' cross-grade SKUs must be used to migrate to capacity.

Example migration scenarios

Pretend today's date is 15 June 2015

Example A:

Customer's licenses and support dates

Qty	License	Original License Purchase Date	Support Start Date	Support End Date	Status	Eligible for Special XGRD
1	BE Server	7/1/2013	7/1/2014	7/1/2015	Active	Yes
1	Agent for Windows	7/1/2013	7/1/2014	7/1/2015	Active	Yes
1	Agent for Apps and Databases	12/1/2012	12/1/2014	12/1/2015	Active	Yes
1	Agent for VMware & Hyper-V	9/15/2013	9/15/2013	9/15/2014	Expired	No
Total Eligible Products						3

In this scenario, customer can get up to: 3 TBs of capacity licenses because there are 3 eligible products for cross-grading.

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 2 TBs of data (includes data growth) 	<ul style="list-style-type: none"> • 2 x Backup Exec Capacity Edition Lite 2 to 5 TB XGRD from Eligible BE Products (customer does not need to purchase all 3 TBs that they can get for the special cross grade)

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Example B:

Customer's licenses and support dates

Qty	License	Original License Purchase Date	Support Start Date	Support End Date	Status	Eligible for Special XGRD
4	BE Server	10/1/2013	10/1/2014	10/1/2015	Active	Yes
2	Agent for Windows	5/1/2015	5/1/2015	5/1/2016	Active	No
2	Agent for Apps and Databases	10/1/2013	10/1/2014	10/1/2015	Active	Yes
1	Agent for VMware & Hyper-V	12/1/2014	12/1/2014	12/1/2015	Active	Yes
1	Enterprise Server Option	10/1/2014	10/1/2014	10/1/2015	Active	Yes
1	Deduplication Option	8/1/2013	8/1/2013	8/1/2014	Expired	No
Total Eligible Products						8

In this scenario, customer can get up to: 8 TBs of capacity licenses because there are 8 eligible products for cross-grading

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> 10 TBs of data (includes data growth) Needs deduplication Needs central management 	<ul style="list-style-type: none"> 8 x Backup Exec Capacity Edition 6 to 15 TB XGRD from Eligible BE Products 2 x Backup Exec Capacity Edition 6 to 15 TB (customer needs to purchase the remaining 2 TBs utilizing the standard SKU as customer is only able to get 8 TBs utilizing the special cross grade SKU)

Migration FAQs

I have 5 active maintenance Backup Exec eligible licenses, do I have to purchase 5 TBs of capacity license?

No. You can purchase up to 5 TBs of capacity licenses. You do not need to purchase all 5 TBs. If you only need 3 TBs, you can purchase that amount.

Can I exchange the remaining Backup Exec eligible licenses for capacity licenses at the special cross grade price at a later time?

Yes. But only if the remaining a la carte licenses are on active maintenance. Once they are expired, the licenses are no longer eligible for migration.

What if I have 4 active maintenance Backup Exec eligible licenses but I need to purchase 5 TBs of capacity licenses?

You will need to purchase 1 TB at the standard price.

Is there a special cross grade SKU to migrate to capacity for expired maintenance customers?

No. Not at this time. Those customers must either buy capacity licenses at the standard price or reactivate the maintenance on their a la carte licenses and then migrate to capacity.

What if I am a new customer and I purchase a la carte and then decide later to go to capacity, can I use the special cross grade SKUs?

No. The special cross grade SKUs are only for customers who have purchased their BE licenses before 6 April 2015. This is to prevent price arbitrage from happening.

Are there any cross grade SKUs for new customers who purchase a la carte after 6 April 2015 and then decides later to go to capacity?

No. We need to be initially selling new customers the capacity licenses.

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IV. ENTITLEMENTS AND UPGRADE PATHS

If you are an existing Backup Exec customer, you can upgrade previously installed Backup Exec versions to Backup Exec 15. Depending on the status of your maintenance contract with Symantec, you may be entitled to upgrade Backup Exec 15 free of charge. See the table below to determine if you are entitled to this no-cost upgrade.

Entitlements:

Maintenance Status	Description
Backup Exec customers with active maintenance contracts	Customers with any version of Backup Exec who have a current maintenance/support contract can update all their existing backup licenses covered by their maintenance contract free of charge to Backup Exec 15.
Backup Exec customers with expired maintenance contracts	Customers with any version of Backup Exec who have expired maintenance are required to purchase version upgrade SKUs (35% off license MSRP) of all their existing backup licenses to upgrade to Backup Exec 15.

Upgrade Mechanisms:

Current Backup Exec Product	Backup Exec 15 Upgrade
Backup Exec Server, Agents and Options, Capacity Edition, V-Ray Edition, Small Business Edition (or Windows Small Business Server) Customers with Maintenance	
Backup Exec 10x,11d,12, 12.5, 2010, 2012, 2014 with maintenance	<ul style="list-style-type: none"> – Upgrade to Backup Exec 15 at no charge through File Connect – Backup Exec 2014 and lower license keys will not work in Backup Exec 15 – Customers running 2010 R3, 2012 or 2014 can upgrade directly to Backup Exec 15 – Customers running 2010 R2 or an earlier version of Backup Exec has to first upgrade to version 2010 R3 or higher, and then upgrade to BE15.
Customers without Maintenance contracts (all versions of Backup Exec) or New Customers switching from a competitor product to Backup Exec 15	
Any version of Backup Exec without maintenance or new customers switching from a competitor product to Backup Exec 15	<ul style="list-style-type: none"> – Upgrade to Backup Exec 15 and save up to 35% off license MSRP. – If you are an existing Backup Exec 2014 or prior version non-maintenance customer, you are required to purchase version upgrade SKUs (35% off license MSRP) for all of your existing core products, agents and options to access Backup Exec 15. – If you are switching from a competitor product to Backup Exec 15, you can save up to 35% off license MSRP via competitive upgrade SKUs.

V. ADDITIONAL INFORMATION

- For more detailed information on Backup Exec including hardware and software compatibility guides, technical support and the administration guide, please visit: <http://entsupport.symantec.com/umi/V-269-1>

- For licensing support, please visit: <https://licensing.symantec.com>

- End of Standard Support and End of Support Life

Version	Release Type	End of Availability	End of Limited Support and Start of Partial Support	End of Support Life
Backup Exec 2010	Major	5 March 2012	5 September 2014	2 November 2016
Backup Exec 2012	Major	2 June 2014	2 December 2016	5 March 2019
Backup Exec 2014	Major	6 April 2015	6 October 2017	2 June 2021

- Evaluate Backup Exec 15 FREE for 60 days. Backup Exec 15 will run in evaluation mode for 60 days when no license key is entered during the installation. During this 60-day period all features and options are available for evaluation. To try Backup Exec 15 free for 60 days, please visit: www.backupexec.com/trybe

APPENDIX

TRADITIONAL PACKAGING AND LICENSING

A la carte

Build and configure your own backup solution by determining the agents and options that are needed depending on your physical and/or virtual environment and backup needs.

Product	Licensed per	Details
Backup Exec Server	Backup Exec Server	<p>The Backup Exec Server manages the backup environment (agents/options) and all tape/ disk storage devices used for backup. Each Backup Exec environment requires at least one Backup Exec Server.</p> <p>Each Backup Exec Server license includes: 1 Agent for Windows (to protect the local physical Backup Exec Server)</p>
Agent for Windows	Windows Server	<p>Protects files on local or remote servers that are open and in use at the time of backup. Ability to create Intelligent Disaster Recovery media for tape-based disaster recovery.</p>
Agent for Applications and Databases	Application server/ database instance	<p>Protects the following applications: Microsoft Exchange Server, Active Directory, Microsoft SQL Server, Microsoft SharePoint, Oracle, Enterprise Vault, Lotus Domino.</p> <p>Each Agent for Applications and Databases license includes: 1 Agent for Windows or 1 Agent for Linux</p> <p><u>Microsoft Exchange Server</u> Restore features of individual email, folders, mailboxes in seconds. Reduce backups and speed up recovery times with a “one pass” backup which allows for: full Exchange recovery, individual mailbox recovery, individual email recovery. When in a 2-node active/passive cluster server configuration, you need only license the active node. When licensing an Exchange DAG (Database Availability Group) environment, a license for the Exchange Agent will be required on each Exchange server in the DAG. Exchange servers that function only as a Client Access Server (CAS) are not required to be licensed; however they will need the remote agent installed.</p> <p><u>Active Directory</u> Restores individual Active Directory objects, user preferences, etc. without rebooting Active Directory Domain Controllers. When in a 2-node active/passive cluster server configuration, you need only license the active node.</p> <p><u>Microsoft SQL Server</u> Quickly restore data from local or remote backup destinations. Recover up-to-the-minute data changes. Single pass backup allows for full instance, individual database and file group recovery. When in a 2-node active/passive cluster server configuration, you need only license the active node.</p>
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Product	Licensed per	Details
		<p><u>Microsoft SharePoint</u> Granular recovery of individual SharePoint objects and documents in seconds. Flexible support for SharePoint Server and SharePoint Services. For a Farm environment, 1 Agent is needed to protect the content database. Each additional member of the SharePoint Farm (i.e. Web Servers, Indexing Servers, Query Servers, SQL Servers, etc.) will each require a separately-licensed Agent for Windows. When in a 2-node active/passive cluster server configuration, you need only license the active node. In a SharePoint Farm, when the SQL server also hosts non-SharePoint data, the customer will need to license an Agent for Applications and Databases to protect that non-SharePoint database data.</p> <p><u>Oracle</u> Integrates with Oracle RMAN technology for backup and recovery operations. Simple point and click choices in the backup job automatically generates RMAN scripts. Multistream support for increased performance. Supports both Windows and Linux platforms.</p> <p><u>Enterprise Vault</u> Data protection for Enterprise Vault archives. Recover individual partition files and indexes in seconds. Integrated backup, recovery and archive solution for the Enterprise Vault application. This agent cannot be used to perform any type of email recovery. It is just to protect the Enterprise Server environment (server configuration, vault and database).</p> <p><u>Lotus Domino</u> Data protection for Lotus Domino database and transaction logs including DAOS (Domino Attachment and Object Service) support. 64bit support is only provided on Domino 8.0.x and above. Backup Exec does not support Lotus Domino running on DB2.</p>
<p>Agent for VMware and Hyper-V</p> <p><i>-this product section continues on the next page-</i></p>	<p>Host server</p>	<p>Data protection to an unlimited number of guest virtual machines. Integration with VMware vSphere vStorage API's and Microsoft Volume Shadow Copy Service (VSS) maximizes backup and recovery performance. Granular data recovery of VMware and Hyper-V saves time and lowers cost. Supports and integrates with all key VMware technologies including vStorage API's, vCenter, vMotion, ESX/ESXi and VMware Tools. Granular Recovery Technology (GRT) provides the ability to restore individual files and folders inside of guest virtual machines without restoring the entire guest virtual machine (GRT is available for Windows guest machines only, GRT for Linux OS guest machine is not currently available due to VMware limitation).</p> <p>Each Agent for VMware and Hyper-V license includes: unlimited deployment of Agent for Windows and Agent for Linux. These unlimited agents are restricted to use in the particular ESX/Hyper-V Server Host's virtual machines only.</p>

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Product	Licensed per	Details
		Granular recovery of application data such as Exchange emails and SQL databases require the applicable application agent to be installed. The application servers will need to be licensed individually with the Agent for Applications and Databases per application. For example, if there are 3 virtual machines running Exchange and 2 virtual machines running SQL, then the customer will need to purchase 5 licenses of the Agent for Applications and Databases.
Agent for Linux	Linux Server	Provides file and folder data protection and open file protection for supported Linux distributions. Protects major versions of Linux.
Agent for Remote Media for Linux Servers	Linux Server deployed as a remote media server	Delivers storage flexibility for Linux servers running in a Backup Exec for Windows Server environment. Directly attach a storage device (tape or disk) to a remote Linux server or deploy in a SAN environment for added flexibility and reduced bandwidth requirements for backup jobs on a remote Linux server. A Windows Backup Exec Server is required for job configuration and management.
Agent for Mac	Mac Server	Scalable protection for remote Mac servers and workstations. Supports Mac OS X on Intel platforms.
Library Expansion Option	Tape device	Provides support for additional drives in a multi-drive tape-library, auto-loader or virtual tape library (VTL). Easily manage the target backup location to a specific device. The first library-based drive is included with the Backup Exec Server. Each subsequent drive after the first requires an additional LEO per drive. In a SAN with more than one shared library, the first drive of one library is free. A LEO is required for each subsequent drive. Virtual Tape Libraries (VTL) will need to be licensed in the same manner as a physical tape library or the customer can purchase the Virtual Tape Library Unlimited Drive Option (VUDO). Stand-alone tape drives that are not part of a tape library or auto-loader do not require a LEO.
VTL Unlimited Drive Option	Virtual Tape Library	Provides support for unlimited drives in each Virtual Tape Library attached to Backup Exec Server. When a single VTL is licensed with VUDO, that single license can be used on multiple Backup Exec Servers; however in order to share the VTL with multiple Backup Exec Servers it likely will require the Enterprise Server Option. When VUDO is not licensed, each Virtual Tape Library (VTL) will need to be licensed in the same manner as a physical tape library. VTL's with a single tape drive are supported in the same manner as a physical tape-library/auto-loader and include the first drive free.
Enterprise Server Option	Managed Backup Exec Server Environment	<u>Central Administration Server</u> Simplified management of multiple Backup Exec Servers from a single point of control. Improved job resiliency through load balancing Backup Exec Servers. Allows customer to take full advantage of the SAN/iSCSI hardware. Share a tape drive within a library with various Backup Exec Servers on a SAN. Share backup devices between Backup Exec Servers. Prevents multiple Backup Exec Servers from trying to access and use a shared tape device at the same time. Includes Central Admin Server, the functionality of SAN shared-storage and advanced disk-based backup. If Central Admin is managing more than 20 Backup Exec Servers, it should be run on a server running a full version of SQL server. Many customers believe that because their data and library reside on a SAN then the backup traffic will
<i>-this product section continues on the next page-</i>		

Symantec Backup Exec 15 Licensing Guide



Product	Licensed per	Details
		<p>travel across the SAN, this is not the case. In order to utilize the SAN for backup traffic, the server to be protected will need to be upgraded to a Backup Exec Server and will need to perform its own local backups.</p> <p><u>Advanced Disk-based Backup</u> Eliminates the need to perform recurring full backups for supported remote resources. Enables Backup Exec to move backup processing from the host computer to the Backup Exec Server. Restore the contents of directories to what they were at the time of any full or incremental backup. Simplifies the management and restore critical data sets. Reduces the weekly backup window. Off-host backups require 3rd party hardware snapshot utilities.</p>
NDMP Option	NDMP based NAS device	<p>Supports the backup and restore of NDMP NetApp, EMC Celerra and IBM N-Series storage configurations with tape devices attached. Protection for NDMP devices residing in remote locations including in a Storage Area Network (SAN) configurations. Automated NDMP file data duplication to tape. Expands the number of disk targets that can be selected for disk-based data protection. Clustered NAS devices require only a NDMP license for the “active” node in the cluster since both NAS devices have the same data to protect on them.</p>
Deduplication Option	Backup Exec Server	<p>Supports a data-reduction strategy by optimizing storage and network bandwidth. Supports the following deduplication methods: client-side deduplication, either on an intelligent disk device or to a deduplication disk storage device; Backup Exec server-side deduplication with a deduplication disk storage device; appliance deduplication on an OpenStorage device. Supports integrated deduplication at the Backup Exec Server and on remote computers that have the Agent for Windows or the Agent for Linux installed.</p>
File System Archiving Option	File Server	<p>Provides unified backup and archiving for File Systems by uniquely archiving data from the backup copy. By archiving data from the backup sets, Backup Exec eliminates additional querying and movement of data on the remote computers. Reduces seldom used data from the File Server source to free up storage space. Easily retrieve archived data through the Backup Exec console.</p>
Exchange Email Archiving Option (1 to 10)	10 user pack	<p>Provides unified backup and archiving for growing Exchange environments by uniquely archiving data directly from the backup of the Exchange database without any impact on the production Exchange Server. Reduces storage while increasing the speed of backup and recovery of the Exchange database after archiving. Reduce seldom used data from the Exchange Server source to free up storage space. Allow end users to easily retrieve individual archived emails directly from within their standard Microsoft Windows Outlook client with the built in “Virtual Vault” plug-in. Search and restore archived data through the Backup Exec console and redirect the Exchange mailbox data to the original or an alternate location.</p>

Example licensing scenarios

Example A:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> 2 Windows file servers (physical) 1 Exchange server (physical) 	<ul style="list-style-type: none"> 1 x Backup Exec Server 2 x Agent for Windows 1 x Agent for Applications and Databases

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Example B:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 1 Windows file server (physical) • 1 Exchange server (physical) • 1 SQL server (physical) • 2 ESXi servers with a total combined of 10 VMs, of the 10 VMs 2 are applications • Needs deduplication 	<ul style="list-style-type: none"> • 1 x Backup Exec Server • 1 x Agent for Windows • 2 x Agent for VMware & Hyper-V • 4 x Agent for Applications and Databases • 1 x Deduplication Option

Example C:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 2 Windows file server (physical) • 1 SQL server (physical) • 1 SharePoint Farm that has a distributed environment of 1 Web front end server, 1 Index server, 1 Query server (physical) • 3 ESXi servers with a total combined 10 VMs, of the 10 VMs 1 is an application • Needs 3 media servers • Needs central management • Needs deduplication • 2 tape autoloaders with 2 drives each 	<ul style="list-style-type: none"> • 3 x Backup Exec Server • 5 x Agent for Windows • 3 x Agent for VMware & Hyper-V • 3 x Agent for Applications and Databases • 1 x Enterprise Server Option • 1 x Deduplication Option • 2 x Library Expansion Option (because each BE server includes the first tape drive in a tape library with every BE Server license)

Example D: *Optimized duplication scenario*

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 3 Windows file server (physical) • 1 ESXi server with 5 VMs • 1 SQL Server (physical) • Needs deduplication • Needs to duplicate data to a cold DR site • Needs central management 	<ul style="list-style-type: none"> • 2 x Backup Exec Servers • 6 x Agent for Windows • 2 x Agent for VMware & Hyper-V • 2 x Agent for Applications and Databases • 2 x Deduplication Option • 1 x Enterprise Server Option

Licensing FAQs

I am interested in migrating to the simpler capacity licensing, are there cross grade SKUs to upgrade to Backup Exec Capacity?

Yes. We are offering our customers on active maintenance to upgrade to capacity licensing. Please refer to the Migration section (section III) of this guide.

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V-Ray Edition

Protects virtual environments only. V-Ray Edition can be mixed with the a la carte licensing model to either add on more features that are not included in the V-Ray Edition or to extend protection to physical environments.

Product	Licensed per	Details
V-Ray Edition	Occupied CPU socket and tiered by number of cores	<p>V-Ray Edition has 2 tiers. Purchase the appropriate tier based on the number of cores in the CPU socket</p> <ul style="list-style-type: none"> V-Ray Edition 2 to 6 cores V-Ray Edition 8 plus cores <p>The components in V-Ray can only be used in virtual environments.</p> <p>Each V-Ray Edition license includes:</p> <ul style="list-style-type: none"> 1 Backup Exec Server* (does not include Agent for Windows to protect the local physical Backup Exec Server like a la carte licensing. Must purchase an Agent for Windows separately to protect the Backup Exec Server) 1 Agent for VMware & Hyper-V (includes unlimited deployment of Agent for Windows or Agent for Linux – restricted only for use in VMware & Hyper-V virtual machines only) Unlimited deployment of Agent for Applications and Databases – restricted only for use in VMware & Hyper-V virtual machines only Deduplication Option* <p>To fully protect a VMware or Hyper-V cluster, a license is required for each socket of each node of the cluster, as well as a license for each socket on the virtual file server.</p> <p>*The Backup Exec Server and Deduplication Option included can be used for physical environments. Customer is required to purchase the appropriate agents and options from a la carte to protect any physical systems.</p>

Example licensing scenarios

Example A:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> Virtual environment only 3 ESXi hosts, dual processors and quad cores 15 virtual machines 	<ul style="list-style-type: none"> 6 x V-Ray Edition 2 to 6 cores

Example B:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> Virtual and physical environment 3 ESXi hosts, dual processors and quad cores 1 ESXi host, dual processor and 8 cores 25 virtual machines 3 Windows file servers (physical) 1 Linux server (physical) 1 SQL server (physical) 1 tape autoloader with 10 drives Needs deduplication Needs central management 	<ul style="list-style-type: none"> 6 x V-Ray Edition 2 to 6 cores 2 x V-Ray Edition 8 plus cores 5 x Agent for Windows (2 are to protect the local physical Backup Exec Servers that will be deployed) 1 x Agent for Linux 1 x Agent for Applications and Databases 9 x Library Expansion Option (because V-Ray Edition includes BE server and each BE server includes the first tape drive in a tape library with every BE Server license) 1 x Enterprise Server Option

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Example C:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> Virtual and physical environment 2 ESXi hosts, dual processors and quad cores 2 ESXi hosts, dual processors and 8 cores 15 virtual machines 1 Windows file server (physical) 1 Linux server (physical) 1 Mac server (physical) 1 Oracle database (physical) 1 SharePoint Farm that has a distributed environment of 1 Web front end server, 1 Index server, 1 Query server (physical) 2 tape autoloaders with 2 drives 1 Virtual tape library with 10 drives Will deploy 2 Backup Exec Servers Needs deduplication Needs central management 	<ul style="list-style-type: none"> 4 x V-Ray Edition 2 to 6 cores 4 x V-Ray Edition 8 plus cores 6 x Agent for Windows (2 are to protect the local physical Backup Exec Servers that will be deployed) 1 x Agent for Linux 1 x Agent for Mac 2 x Agent for Applications and Databases 2 x Library Expansion Option (because V-Ray Edition includes BE server and each BE server includes the first tape drive in a tape library with every BE Server license) 1 x VTL Unlimited Drive Option (covers an unlimited amount of virtual tape drives) 1 x Enterprise Server Option

Example D: *VMware or Hyper-V cluster scenario*

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> 2 node cluster with 2 CPU sockets of 8 cores each 1 virtual file server with 2 CPU sockets of 8 cores each 	<ul style="list-style-type: none"> 6 x V-Ray Edition 8 plus cores 1 x Agent for Windows (only if protecting a physical resource other than hosts)

Licensing FAQs

I also have a physical environment I need to protect in addition to my virtual environment, does V-Ray Edition protect my physical environment?

No. V-Ray Edition only is licensed to protect virtual environment, with the exception that the Backup Exec Server and Deduplication components included in V-Ray Edition can be used to protect your physical environment. You need to purchase the appropriate a la carte agents and options to cover your remaining physical environment and backup needs.

Does the V-Ray Edition license include protection of the local physical Backup Exec Server (media server)?

No. You must purchase an Agent for Windows to protect the local physical Backup Exec Server. This is the only Edition that does not include such protection.

What if my processors have quad cores, can I purchase the V-Ray Edition 8 plus cores license? Will the product still work?

We suggest that you purchase the correct V-Ray Edition license based on the number of cores in your processors. Technically the product will still work however, you will be receiving alerts that the license does not match the server. Also if you have quad cores, it would make most sense to get the 2 to 6 core license as the price is less than the 8 plus core license.

What if I currently have processors that are quad cores, but later upgrade to processors with a higher core count, such as 10 cores, are there cross grade SKUs to upgrade from 2 to 6 cores to 8 plus core licenses?

No. There currently are no cross grade SKUs to upgrade from a 2 to 6 cores license to a 8 plus cores license. Please contact your account manager and complete a license transfer worksheet to upgrade to 8 plus core.

I am interested in migrating to the simpler capacity licensing, are there cross grade SKUs to upgrade to Backup Exec Capacity?

Yes. We are offering our customers on active maintenance to upgrade to capacity licensing. Please refer to the Migration section (section III) of this guide.

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Small Business Edition

Protects very small virtual and/or physical environments that are primarily Microsoft Small Business Server/ Essential Server-based.

Product	Licensed per	Details
Small Business Edition	Microsoft Small Business Server/ Essential Server	<p>Able to protect an unlimited number Microsoft Small Business Server/ Essential Servers, however if your servers are non-Microsoft Small Business Server/ Essential server then you are only able to protect a maximum of 3 servers or virtual machines.</p> <p>Each Small Business Edition license includes:</p> <ul style="list-style-type: none"> • 1 Backup Exec Server • Protection of the following applications: <ul style="list-style-type: none"> ○ Exchange ○ Active Directory ○ SQL ○ SharePoint ○ Hyper-V <p>Please note, only the following agents are supported with the Small Business Edition: Small Business Edition Agent for Windows, Agent for Windows, Agent for Linux and Agent for Mac. All other agents and options are not supported.</p>

Example licensing scenarios

Example A:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 5 Microsoft Small Business/ Essential Server 	<ul style="list-style-type: none"> • 5 x Small Business Edition

Example B:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 1 Microsoft Small Business/ Essential Server • 4 Windows servers 	<ul style="list-style-type: none"> • 3 x Small Business Edition • Remaining environment does not qualify for Small Business Edition licensing, therefore following needs to be purchased <ul style="list-style-type: none"> ○ 1 x Backup Exec Server ○ 2 x Agent for Windows (2 needs to be purchased because of the non-SBS server maximum restriction)

Example C:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 7 Microsoft Small Business/ Essential Server • Needs deduplication 	<ul style="list-style-type: none"> • 7 x Small Business Edition • Remaining environment does not qualify for Small Business Edition licensing, therefore following needs to be purchased <ul style="list-style-type: none"> ○ 1 x Backup Exec Server ○ 1 x Deduplication Option

Example D:

Customer environment and needs	Customer needs to purchase
<ul style="list-style-type: none"> • 2 Microsoft Small Business/ Essential Server • 4 Windows servers • 1 ESXi server with 10 virtual machines, 1 being an application • 1 Oracle database 	<ul style="list-style-type: none"> • 3 x Small Business Edition • Remaining environment does not qualify for Small Business Edition licensing, therefore following needs to be purchased <ul style="list-style-type: none"> ○ 1 x Backup Exec Server ○ 3 x Agent for Windows 3 needs to be purchased because of the non-SBS server maximum restriction) ○ 1 x Agent for VMware & Hyper-V ○ 2 x Agent for Applications and Databases

Licensing FAQs

I am a very small business with 4 non-Microsoft Small Business/ Essentials servers, can I purchase Small Business Edition?

No. Due to the licensing limitations of Small Business Edition, you do not qualify for the Small Business Edition licensing and will need to purchase from our other licensing options.

I have ESXi hosts, does Small Business Edition protect that?

No. Small Business Edition only protects Hyper-V. To protect VMware, you need to purchase the appropriate a la carte agents.

I am interested in migrating to the simpler (and less restrictive) capacity licensing, are there cross grade SKUs to upgrade to Backup Exec Capacity?

Yes. We are offering our customers on active maintenance to upgrade to capacity licensing. Please refer to the Migration section (section III) of this guide.