Upgrading to BackupExec 2012

PowerVault DL Backup to Disk Appliance

Contents

Executive Summary

Since February 2010, the PowerVault DL Backup to Disk Appliance was integrated with Backup Exec 2010. Starting February 1st, 2012, PowerVault DL Backup to Disk customers who are current on their Symantec Essential Support will be eligible to upgrade to Backup Exec 2012. Backup Exec 2012 introduces exciting new features such as enhanced virtual machine protection through Symantec's v-Ray technology. For more details on these new features please visit http://www.backupexec.com.

Upgrade Notification

IMPORTANT NOTE: If you are currently running Backup Exec 12.5 or Backup Exec 2010 and plan on upgrading to Backup Exec 2012, Dell recommends not upgrading to Backup Exec 2012 until the new version of the Dell™ PowerVault™ DL Appliance Recovery and Update Utility (RUU) v3.5 is available in April.

For more information, refer to the Backup Exec 2012 FAQ at http://entsupport.symantec.com/umi/V-269-53

Customers with current registered maintenance on the previous version of the Backup Exec DL Edition included with the PowerVault DL Backup to Disk appliance are entitled to Backup Exec 2012 free of charge as part of the maintenance subscription, and are authorized to upgrade to Symantec Backup Exec 2012. This is not a renewal of maintenance.

1. Customers who have registered their Backup Exec 2010 maintenance agreements with Symantec will receive a version upgrade notification letter with their Backup Exec 2012 license files and instructions for obtaining Backup Exec 2012 installation media. The upgrade notifications will be sent over a 12 week period starting in mid March 2012.
2. Using the information contained in the version upgrade letter, customers will be able to download the Backup Exec 2012 installation media from https://fileconnect.symantec.com
3. Customers should also register their new Backup Exec 2012 serial numbers with the Symantec Licensing Portal via https://licensing.symantec.com
4. Once the license files and installation media have been obtained, proceed to the installation instructions below.

Customers who have not registered their maintenance agreements must register before they are eligible to upgrade to Backup Exec 2012. This can be done by visiting https://licensing.symantec.com and registering the Serial Number included on the serial number certificate provided at the time of purchase.

If you have registered your maintenance and did not receive your version upgrade notification by June 1st, contact Symantec Customer Care for your region. Customer Care contact information can be found at http://www.symantec.com/business/support/assistance_care.jsp

NOTE: Backup Exec 2012 will not accept Backup Exec 2010 license keys

About the Storage Provisioning Option license

The Backup Exec Storage Provisioning Option (SPO) enables Backup Exec to configure, monitor and manage disks and disk arrays connected to the PowerVault DL Backup to Disk Appliance. SPO has the ability to automatically configure disks for backup to disk operations and deduplication capabilities in Backup Exec. Note that deduplication requires the Backup Exec Deduplication Option.

The Storage Provisioning Option enables the configuration, monitoring and management of disks attached to the PowerVault DL Backup to Disk Appliance for backup and restore operations. There are no restrictions on the number of external disks or disks enclosures that can be configured using SPO. When upgrading to Backup Exec 2012, Backup Exec 12.5 Storage Provisioning Option licenses are mapped to Backup Exec 2012 Storage Provisioning Option Unlimited license keys. When upgrading from Backup Exec 2010, the respective storage provisioning license key will be converted. See description below for information on the Basic & Unlimited license key.

- Backup Exec 2012 Storage Provisioning Option Basic – The Backup Exec 2012 Storage Provisioning Option Basic license key only supports the configuration, monitoring and management of disks internal to the PowerVault DL Backup to Disk Appliance head unit. If additional disks are in the form of external disk arrays are attached to the PowerVault DL Backup to Disk Appliance, the Backup Exec 2010 Storage Provisioning Option Unlimited license key is required to configure, monitor, and manage these external disk arrays.

- Backup Exec 2012 Storage Provisioning Option Unlimited – The Backup Exec 2012 Storage Provisioning Option Unlimited license key supports the configuration, monitoring and management of disks internal to the PowerVault DL Backup to Disk Appliance head unit and disks in the form of external disk arrays attached to the PowerVault DL Backup to Disk Appliance.

DL Appliance Recovery and Update Utility Requirements

If you are currently running Backup Exec 12.5 or Backup Exec 2010 and plan on upgrading to Backup Exec 2012, Dell recommends not upgrading to Backup Exec 2012 until the new version of the Dell™ PowerVault™ DL Appliance Recovery and Update Utility (RUU) v3.5 is available in April.

When upgrading to Backup Exec 2012, you must apply the licenses for Backup Exec 2012. If the licenses are not applied, then Backup Exec 2012 can be run in trial mode for 60 days, however you must ensure that the Storage Provisioning Option is installed during the upgrade. After 60 days, Storage Provisioning Option and prior backup jobs using virtual disks managed by the PERC controller will not work until the Backup Exec 2012 licenses are applied.

If you upgrade to Backup Exec 2012 without applying the latest version of the RUU, the following functionality will be affected:

- System Recovery of the DL Appliance using DL Backup to Disk Appliance Configuration Wizard

    o **Details**: Using the DL Backup to Disk Appliance Configuration Wizard to perform a system recovery of the DL Appliance will not work with Backup Exec 2012 media until it is updated to the latest version using the RUU v3.5 or later.

    o **Recommendation**: Ensure that the system is prepared for disaster recovery using Simplified Disaster Recovery (SDR). Refer to the Backup Exec 2012 Administrator's Guide for more details. Existing IDR jobs are not converted to SDR jobs during migration. You can either edit your existing IDR jobs manually or you can create new SDR jobs after migration. Note that Agents for Windows must be updated before you can run new SDR jobs. For more information see the following technote

    http://entsupport.symantec.com/umi/V-269-51

- For full functionality of the DL Backup to Disk Appliance Console with Backup Exec 2012, the RUU v3.5 software stack is required. The following features will be unavailable in Appliance Console prior to loading RUU v3.5. Alternatively, the Backup Exec 2012 console can be used to retrieve the information.

    o Disk usage statistics

    o Backup Exec services status

    o The Appliance Role (Central Administration Server or Standalone server)

Upgrading to Backup Exec 2012

IMPORTANT NOTE: During the upgrade to Backup Exec 2012 on the Dell DL2xxx system, do not run the Dell™ PowerVault™ DL Backup to Disk Appliance Console.

Perform the following steps to upgrade your PowerVault DL Backup to Disk Appliance to Backup Exec 2012:

1. On the PowerVault DL Backup to Disk Appliance that is being upgraded, insert the Backup Exec 2012 DVD into the PowerVault DL Backup to Disk Appliance
2. The DVD will autorun and prompt for a language selection to continue. Select the desired language and press Ok to continue.
3. The Backup Exec 2012 DVD Browser appears.
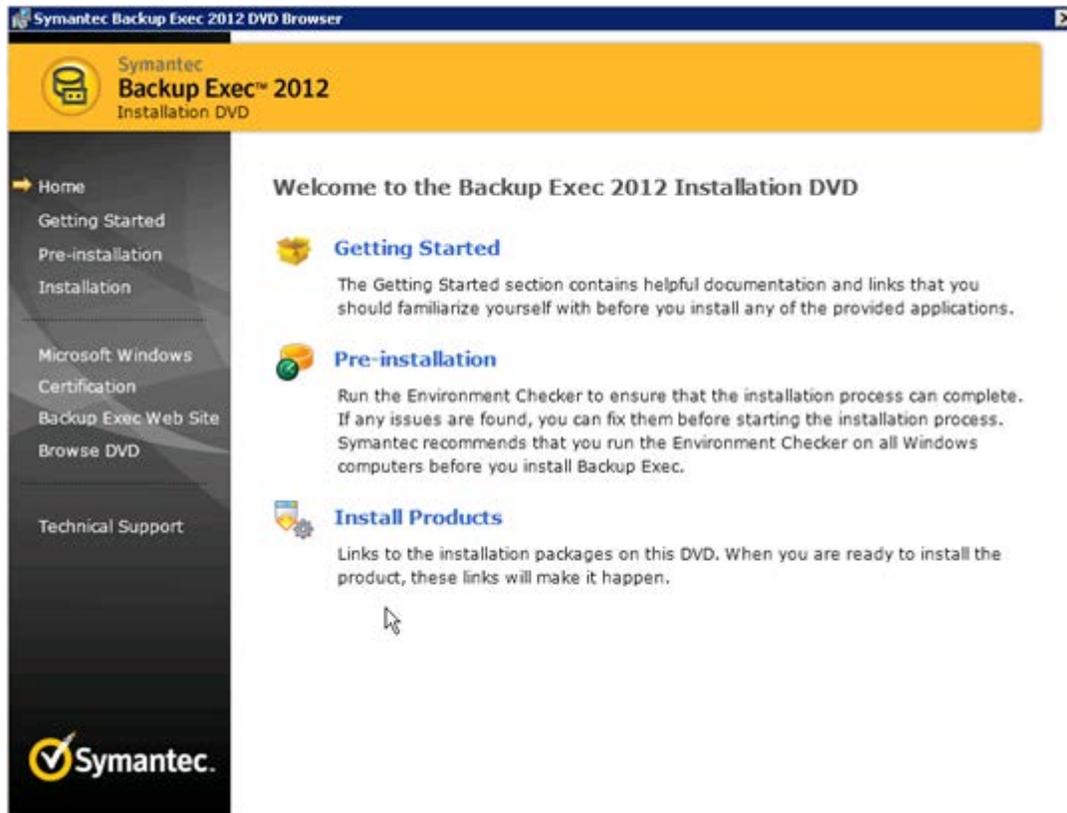
Figure: Backup Exec 2012 DVD Browser

4. Select Install Products and the Product Installation screen appears.
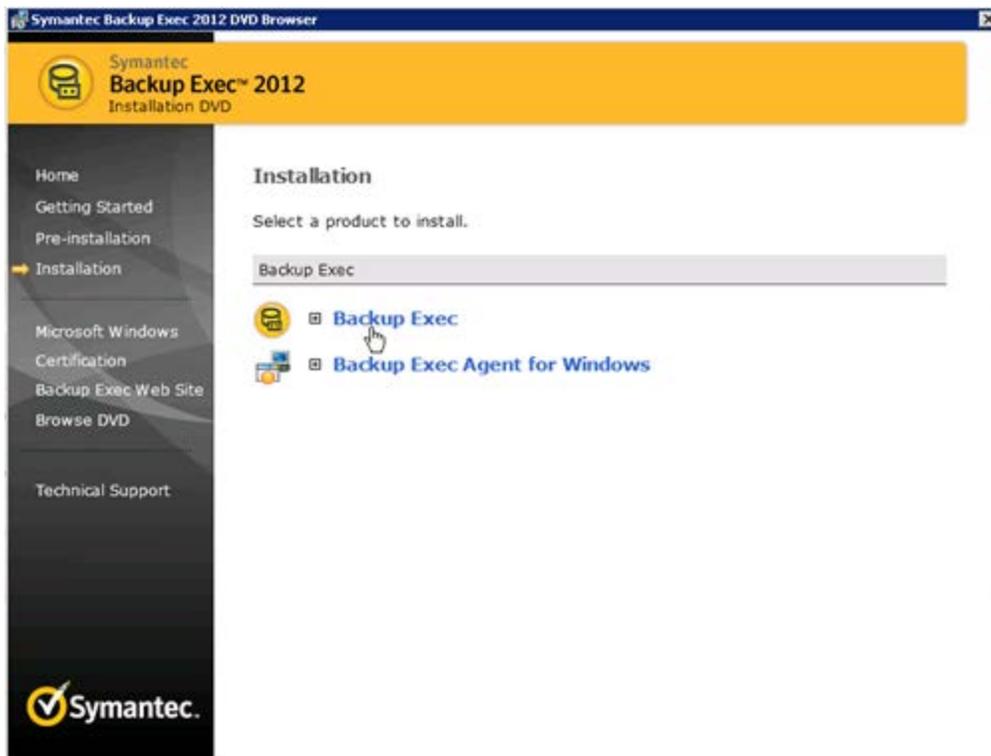
Figure: Product Installation Screen

5. Select Backup Exec and the Backup Exec 2012 Installation wizard appears. Select Next to continue.

6. Read the Backup Exec 2012 End User License Agreement and select "I agree to the terms of the license agreement". Select Next to continue.

7. Since this is a local installation, Select Local Install and Install Backup Exec software options. Select Next to continue.

8. The Backup Exec Environment Check will run to check the installation pre-requisites. Correct any items marked with a Red X. Once all items have been checked, select Next to continue.

9. An Environment Check will be performed, once it has completed, select Next to continue.

10. The Backup Exec licensing screen appears. Locate your Backup Exec 2012 version upgrade notification and license files and enter them. This can be done by importing the Symantec License File (SLF), or by entering the Serial Numbers for the licenses. Entering a Serial Number requires an internet connection to verify the serial numbers. See http://www.symantec.com/docs/TECH178483 for more information. Select Next to continue.
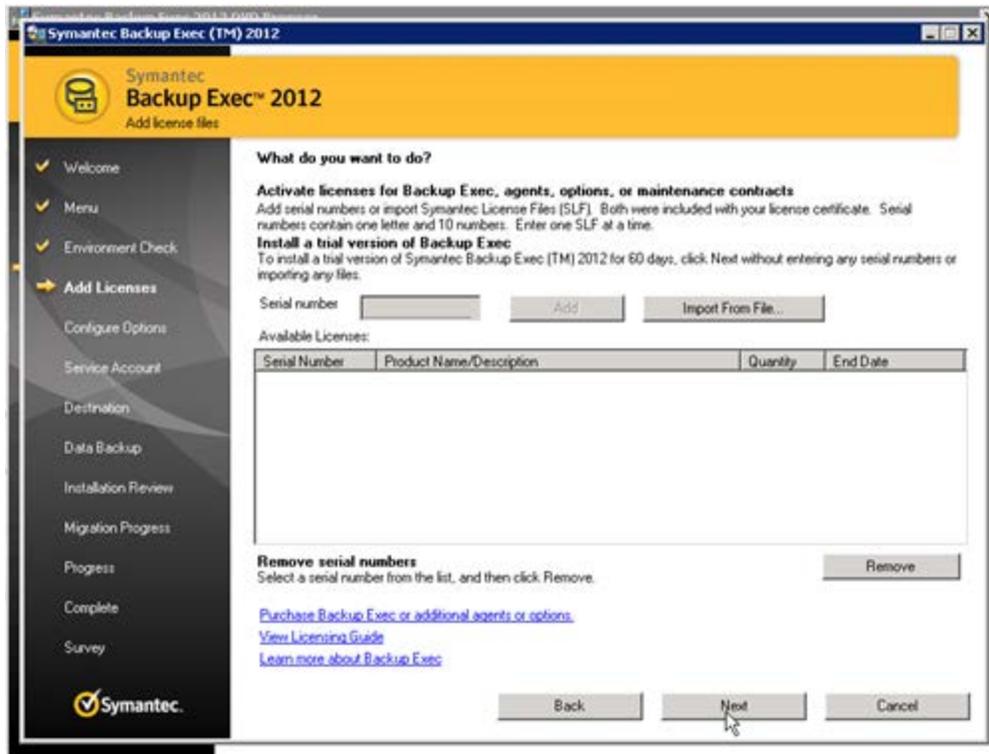
Figure: Backup Exec Licensing Screen

11. The Backup Exec Configuration Options appears. Verify that each option that you have entered a license file for will be installed.
    IMPORTANT : Verify that the Storage Provisioning Option is selected for install. Then select Next to continue.

Figure: Backup Exec Configure Options

12. Specify the service account and credentials for Backup Exec 2012 to use. This should be the same service account specified for Backup Exec 12.5 or Backup Exec 2010. Select Next to continue.

13. Specify the location for the Backup Exec installation. It is recommended that you keep the default location. Select Next to continue.

14. As part of the install, BackupExec 2012 will make a backup copy of the BackupExec 2010 settings found on the system. Specify the location to store the backup settings. It is recommended that you keep the default location. Select Next to continue.

15. Review the Backup Exec Installation Summary to verify your selections. Make sure to carefully review any Warnings.
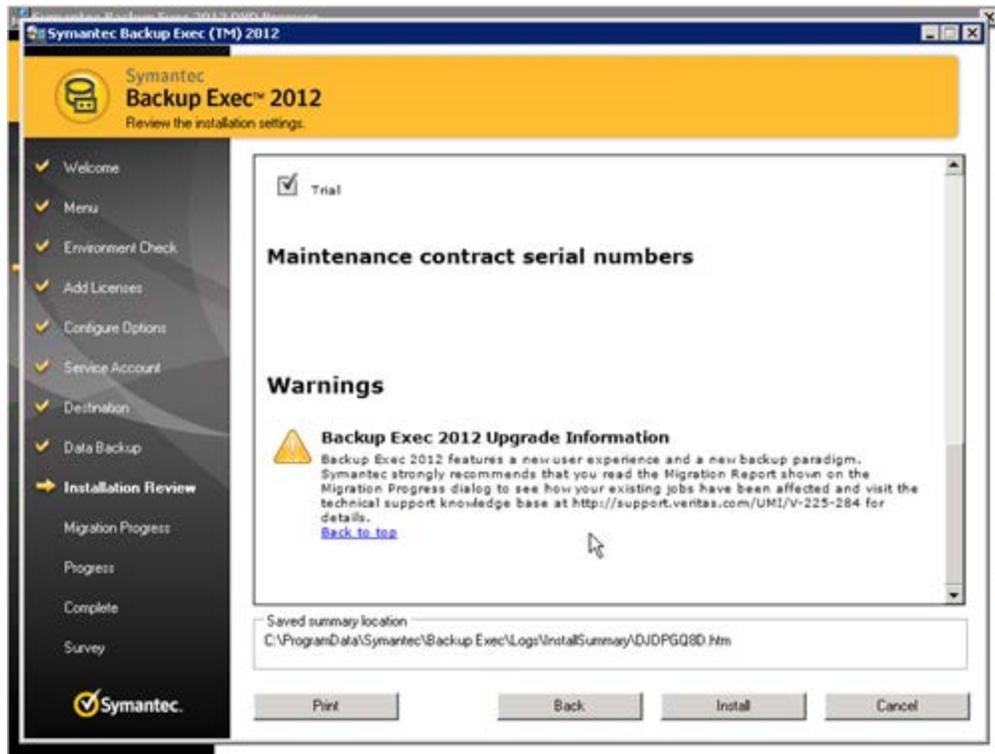
Figure: Backup Exec Installation Summary Upgrade Information Message

16. Select Install to continue and start the migration process. Once the Data Migration process completes review the report.

Figure: Backup Exec Configure Options

17. Click Continue to proceed with the upgrade
18. The Backup Exec Installation Progress appears. The upgrade process will take approximately 15 to 30 minutes.
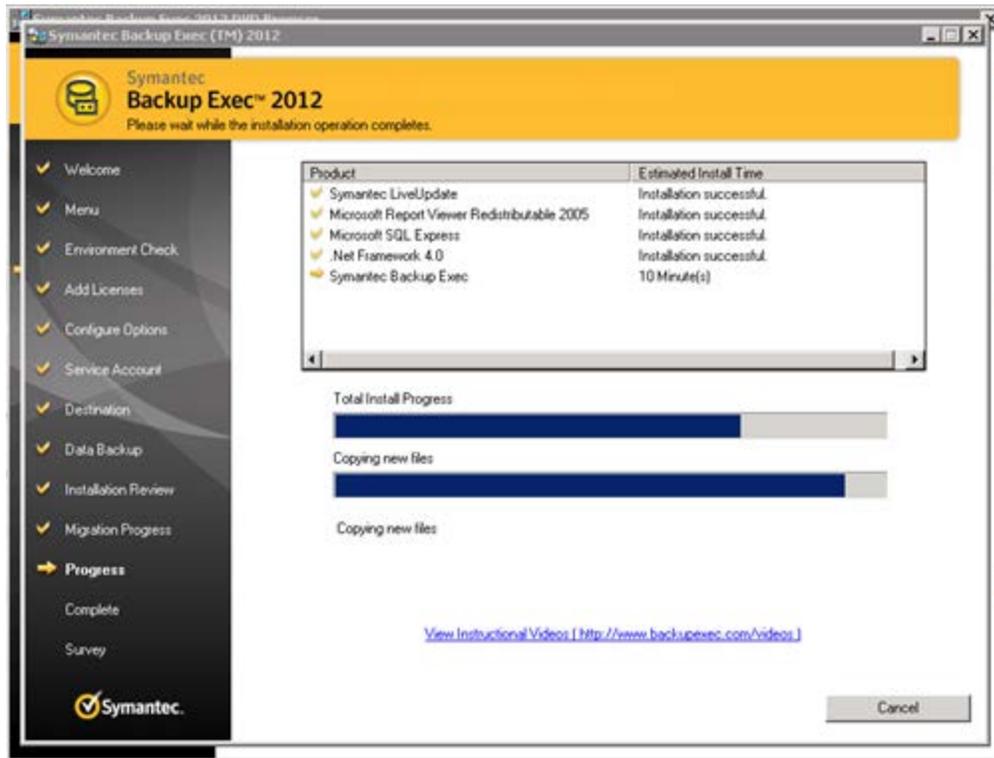
Figure: Backup Exec Installation Progress

19. When the upgrade completes, an upgrade summary appears. Review the upgrade summary and select Next to continue.
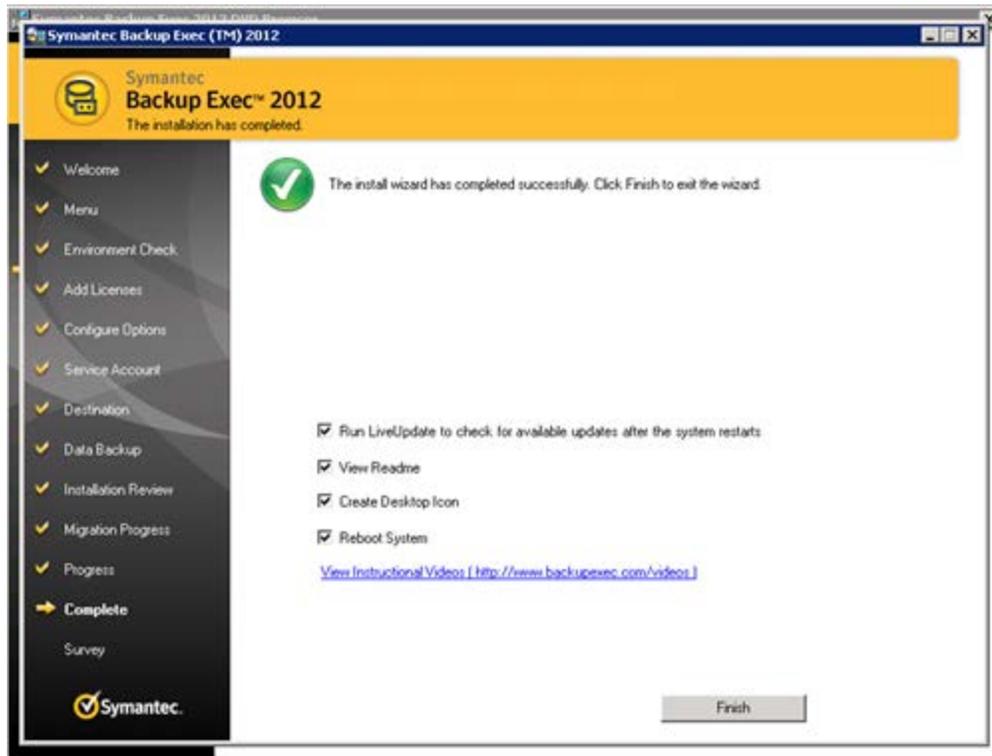
20. Review the final installation screen. Select Finish to complete the upgrade and REBOOT the server.

21. The upgrade process is complete.