

Installing Symantec Recovery Disk on a Kingston DataTraveler 400 (DT400/8GB) USB Flash drive

Symantec Recovery Disk (SRD) and Kingston DataTraveler 400 are a powerful combination. The SRD gives Administrators a collection of advanced diagnostic and recovery tools for Windows computers. Putting the SRD on a Kingston DataTraveller 400 USB Flash drive gives Administrators a convenient way to easily access these powerful tools whenever they need them.

For example, with the SRD on the Kingston DataTraveller 400, an Administrator can do the following:

- Start a computer under WinPE (version 2.0; Windows Vista PE) to diagnose and repair a corrupted hard disk.
- Copy files from a damaged drive to an attached Kingston USB Flash drive or to a network file share.
- View and edit hard disk partitions.
- If you have Backup Exec System Recovery is also installed, you can recover a computer from “bare metal” or recover to dissimilar hardware.

To put SRD on a Kingston DataTraveller 400 Flash drive you must have the following:

- A Kingston DataTraveller DT400/8GB USB Flash drive.
- The SRD CD.
A copy of SRD is available at www.symantec.com/URL_Inserted_Here
- A Windows computer with a media drive and an available USB port.
- If you choose to download SRD, you must create a custom SRD CD. See *Creating a custom Symantec Recovery Disk CD* in the *Symantec Backup Exec System Recovery User's Guide*.

Installing SRD onto a Kingston DataTraveller 400 USB Flash drive

The following process assumes that the SRD files are placed on a bootable CD. However, this process can also be run from a computer with Microsoft Vista installed or another copy of Windows Vista PE.

Installing SRD on the Kinston USB Flash drive erases all files that are stored on the drive. Therefore, be sure you first save any files on the Flash drive to another location so that they are not permanently deleted.

To create a partition on the Kingston DT400/8GB USB Flash drive

1. Attach the Kingston DT400/8GB USB Flash drive to an available USB port on the computer.
2. Insert the SRD CD into the media drive of the computer.
3. Start (or restart) the computer to go into SRD.



You may need to configure the computer to start first from the SRD CD.

See *Configuring your computer to boot from a CD* in the *Symantec Backup Exec System Recovery User's Guide* or in the Backup Exec System Recovery Help system.

4. Click **Analyze** on the left side of the panel.

- On the Analyze panel, click **Open Command Shell Window**.



- In the command shell window, type `diskpart` and then press **Enter**.
- Type `list disk` and then press **Enter**.

You should see an entry for each hard disk that is installed on the computer. You should also see an entry for the attached Kingston USB Flash drive as identified by its size.

Write down the disk number (for example, Disk 2) that represents the Kingston USB Flash drive.

- Type `select disk <n>` (where <n> is the disk number you wrote down) and then press **Enter**.

WARNING: Be sure you have identified the correct disk number of the Flash drive. You are about to delete all files that are stored on the selected disk.

- Type `clean` and then press **Enter**.
- Type `create partition primary` and then press **Enter**.
- Type `select partition 1` and then press **Enter**.
- Type `active` and then press **Enter**.
- Do one of the following:
 - Type `format fs=fat32 quick` and then press **Enter**.
 - Type `format fs=ntfs quick` and then press **Enter**.
- Type `assign` and then press **Enter**.
- Type `exit` and then press **Enter**.

If you know the assigned drive letters of the attached Kingston USB Flash drive and the media drive, you can copy all files from the SRD CD to the Flash drive and skip the next task below.

Otherwise, continue with the next task of copying files from the SRD CD to the Kingston USB Flash drive.

To copy all files from the SRD CD to the Kingston USB Flash drive

1. Type `exit` again and then press **Enter** to close the command shell window.
2. Remove the SRD CD from the media drive of the computer.
3. Restart the computer to go back into Windows.
4. Insert the SRD CD into the media drive of the computer.
5. Use Windows Explorer to view the contents of the SRD CD.
6. Press **CTRL+A** to select all SRD files and folders on the CD.
7. Copy the files and folder to the Kingston USB Flash drive.

Testing the installation of SRD on the Kingston USB Flash drive

1. Make sure the Flash drive is attached to the computer.
2. Make sure you have removed the SRD CD from the computer's media drive.
3. Restart the computer.
4. As the computer starts, watch the bottom of the screen for a prompt that tells you how to access the BIOS setup.

Generally, you need to press the Delete key or a function key to start your computer's BIOS setup program.

5. In the BIOS setup window, select Boot Sequence, and then press **Enter**.
6. Follow the on-screen instruction to make the Flash drive be the first bootable device in the list.
7. Save the changes and exit the BIOS setup to restart the computer with the new boot order.
8. Press any key to start the recovery environment from the Flash drive.

Watch carefully as the computer starts. When you start the computer from SRD on the Flash drive, you see the prompt "Press any key to boot from CD or DVD". If you do not press a key within five seconds, your computer starts from the next startup device that is listed in the BIOS. If you miss the prompt, you must restart the computer again.

9. After SRD has started, the test is complete.

You can click **Help** in the upper-right corner of SRD to learn more about the features in SRD or you can click **Exit**.