

# Re: How to upgrade the kernel

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/RedHat/2007-10/msg00274.html>

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- *From:* Dave Martini 1 <[martini1@xxxxxxxx](mailto:martini1@xxxxxxxx)>
  - *Date:* Mon, 29 Oct 2007 13:58:19 -0700
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Thanks for the info.

Do you usually upgrade the full source of the latest kernel?

When is it ok to just use the patch kernel upgrade?

For instance in my case I'm currently at 2.6.18 and am going to 2.6.23. The patch version of the kernel would not get me all of the new kernel's features correct?

Dave.

Geoffrey Rainey wrote:

Regarding actual kernel recompilation, if you extract the "kernel".tar.gz file and change directories into the root directory of the archive, you will see either a README, or INSTALL file in there, open this and after you've read a few pages you will find the actual recompile steps.

This is a very good document and the document I always refer to in times of need.

It is worth noting that as another has stated, you should yum install a new genuine Redhat kernel, unless you have an explicit need for a generic kernel (I have had such a need in the past when I had driver issues with a Redhat kernel).

Regards,  
Geoffrey.

-----Original Message-----

From: [redhat-list-bounces@xxxxxxxx](mailto:redhat-list-bounces@xxxxxxxx)  
[<mailto:redhat-list-bounces@xxxxxxxx>] On Behalf Of Dave Martini 1  
Sent: Tuesday, 30 October 2007 5:30 a.m.  
To: General Red Hat Linux discussion list  
Subject: How to upgrade the kernel

I'm running Linux kernel 2.6.18-8.el5 on an RHEL 5 distribution.

I downloaded the 2.6.23.1 kernel from kernel.org.

Does anyone have a good and accurate step by step process on how to

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upgrade the kernel?

Will I need to upgrade anything else besides the kernel itself?

Thank you.

Dave Martini

LLNL

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