Printed by: bufetekaye.22@gmail.com. Printing is for personal, private use only. No part of this book may be reproduced or transmitted without publisher's prior permission. Violators will be prosecuted.



Welcome to Managing Services.

What you will learn At the core of the lesson You will learn how to: Explain common commands that are used for managing services on Linux Explain common commands that are used for monitoring services on Linux What you will learn What

In this lesson, you will learn how to:

- · Explain common commands that are used for managing services on Linux
- Explain common commands that are used for monitoring services on Linux



This section covers common commands that you can use to manage services on Linux.

Managing services with the systemct1 command

- The following is the syntax of the systemct1 command: systemctI <subcommand><service name>
- · The following are common troubleshooting tasks if services aren't working correctly:
 - · Restart after any configuration change.
 - · Restart when troubleshooting.
- The systemct1 command has many subcommands, including status, start, stop, restart, enable, and disable.
- · Services provide functionality such as networking, remote administration, and security.

4 0 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved



You can also use the **service** command to manage services, but **systemctI** has more options and features.

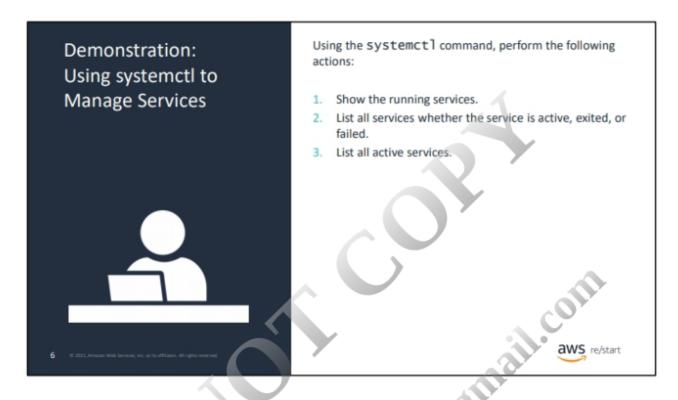
bilitetelkasje 22. Odrić



After installing httpd (yum install httpd), the **sudo systemctl status httpd** command shows you that the service is not started or activated (to start the system at boot time).

The sudo systemctl start httpd command starts the service.

The sudo systemctl enable httpd command activates the service so that it is available after restarting the machine.



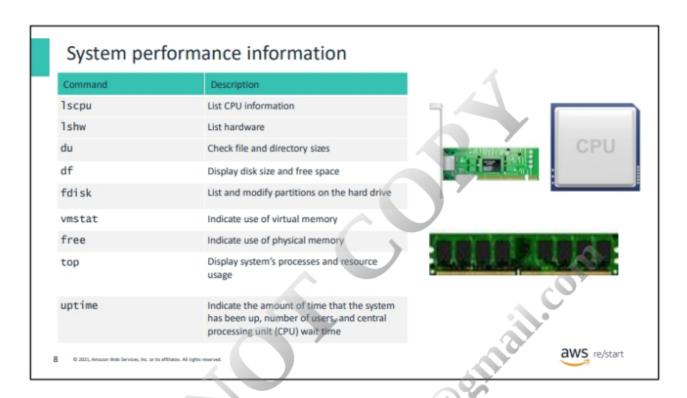
Full commands for each item:

- 1. systemctl
- systemctl list-units --type=service
- 3. systemcti list-units --type=service --state=active Diffetekay

Printed by: bufetekaye.22@gmail.com. Printing is for personal, private use only. No part of this book may be reproduced or transmitted without publisher's prior permission. Violators will be prosecuted.



This section covers common commands that you can use to monitor services on Linux.

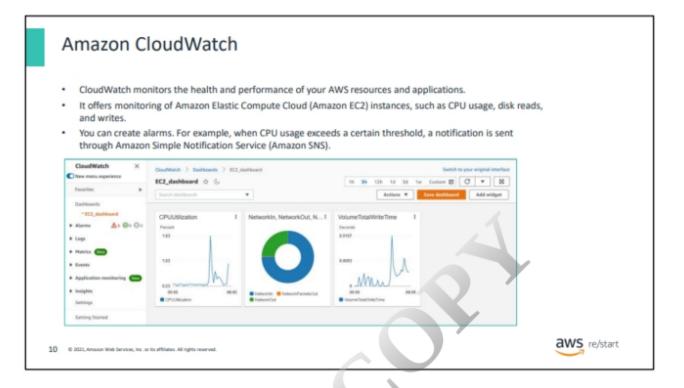


Familiarize yourself with these commands that you can use to monitor system performance.

Printed by: bufetekaye.22@gmail.com. Printing is for personal, private use only. No part of this book may be reproduced or transmitted without publisher's prior permission. Violators will be prosecuted.



Theses screen captures show examples of the commands in use.

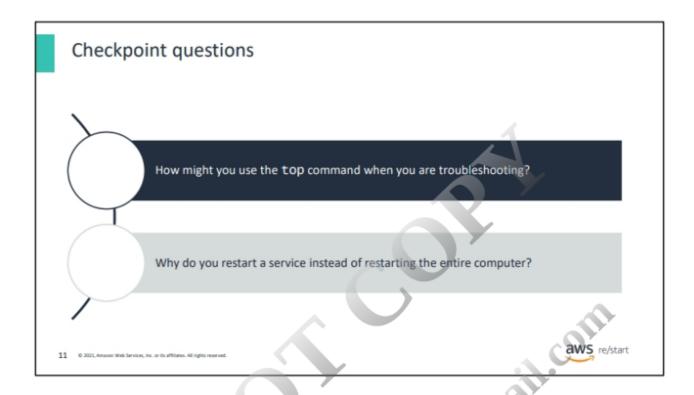


Amazon Elastic Compute Cloud (Amazon EC2) is an AWS compute service that you can use to create secure and scalable virtual computing resources.

Amazon Simple Notification (Amazon SNS) is a notification service that you can use to send messages to other AWS services or to individuals through email and SMS.

The screen capture demonstrates the monitoring on an EC2 instance, but Amazon CloudWatch can monitor many other AWS services.

Later lessons will cover CloudWatch and other AWS topics.



Answers:

- If the CPU on the server is maximized, you can use the top command to determine what process might be responsible.
- A server often hosts many services that users run. Restarting the entire server
 would mean that the reboot would also stop all the properly running services on
 the server. Restarting only the failing service means that the healthy services can
 continue to run.



Key takeaways include:

- · You use the systemctl command to manage services in Linux.
- · The top command provides a real-time view of processes that are running on the system.

aws re/start

- df is the disk free command that you use to check the available space on a hard
- You use the du command to display the amount of space that a file or directory uses.

bifetekayes

Printed by: bufetekaye.22@gmail.com. Printing is for personal, private use only. No part of this book may be reproduced or transmitted without publisher's prior permission. Violators will be prosecuted.



Thank you.