

# Linux Server Administrator Exam Report

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# Question

Your organization aims to enhance its Linux server infrastructure with a strong focus on security and efficiency. Start by configuring the SSH server to allow access exclusively for the user bob. Next, set up a web server to host an application accessible via the domain (web.exam.local) over HTTPS.

## Server Configurations

**OS:** - Centos 9

**IPv4:** - 192.168.1.130

**Hostname:** - exam.local

**Domains:** - exam.local, web.exam.local

## Credentials

### OS Users:

Users	Password
root	root
bob	Test@123
alice	Test@123

### SSH Users:

Users	Password
bob	Test@123

### Tomcat manager:

Users	Password
tomcat	s3cret
admin	password

## Client Configuration

**OS:** - Centos 9

**IPv4:** - 192.168.1.120

## Credentials

Users	Password
root	root
u1	Test@123

# Server Configuration Steps

**Step 1:** - Configure the **SSH** server.

1. Install the OpenSSH Server.  
`yum install openssh-*`
2. Start and Enable the SSH Service  
`systemctl enable sshd.service`  
`systemctl start sshd.service`
3. Open the SSH Configuration File  
`vim /etc/ssh/sshd_config`
4. Add the following line to the configuration file  
`AllowUsers bob`
5. Restart the SSH Service  
`systemctl restart sshd`