# Linux Server Administrator Exam Report

{Full Name}

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{Date}

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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-\*

1. Start and Enable the SSH Service

systemctl enable sshd.service

systemctl start sshd.service

1. Open the SSH Configuration File

vim /etc/ssh/sshd\_config

1. Add the following line to the configuration file

AllowUsers bob

1. Restart the SSH Service

systemctl restart sshd