

OpenKM Electronic Document and Record Management System by Code Creator

Customer Quick Start Guide
Ubuntu 24.04 • OpenKM 7.0.1 • Public IP deployment

Web address	http://YOUR_PUBLIC_IP/openkm/
Default admin user	okmAdmin
Where first boot password appears	/root/FIRST_LOGIN.txt and the SSH login banner

What this AMI includes: OpenKM 7.0.1, MariaDB, and Nginx on Ubuntu 24.04. The AMI is prepared for public IP access and generates a fresh administrator password on first boot.

1. First login

- Launch the EC2 instance and confirm your security group allows inbound TCP 80 for web access and TCP 22 for SSH administration.
- SSH into the server with your EC2 key pair. The login banner shows the OpenKM URL for that specific instance.
- Display the generated administrator password with the command below. This password is unique per first launch.

```
sudo cat /root/FIRST_LOGIN.txt
```

- Open the URL shown in FIRST_LOGIN.txt in your browser, then sign in with username okmAdmin and the generated password.

2. Recommended first actions

- Change the administrator password after the first successful login.
- Restrict the security group to trusted source IP ranges whenever possible.
- Create an EBS snapshot or other backup plan before production use.
- Add HTTPS behind your own domain or load balancer if the system will be exposed to the public internet.

3. Service management

Use the following commands to check or control the core services. Commands are shown in red for quick identification.

Service	Purpose	Useful command
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openkm	OpenKM application service	<code>sudo systemctl status openkm --no-pager</code>
nginx	Reverse proxy on port 80	<code>sudo systemctl status nginx --no-pager</code>
mariadb	Database service	<code>sudo systemctl status mariadb --no-pager</code>
openkm-firstboot	One time first boot initializer	<code>sudo systemctl status openkm-firstboot.service --no-pager</code>

4. Network access and ports

Port	Protocol	Use	Recommendation
22	TCP	SSH administration	Limit to trusted admin IP addresses
80	TCP	OpenKM web access through Nginx	Open only to intended users or networks
8080	TCP	Tomcat backend	Keep private; do not expose publicly
3306	TCP	MariaDB backend	Keep private; do not expose publicly

5. Helpful maintenance commands

```
sudo systemctl restart openkm
```

```
sudo systemctl restart nginx
```

```
sudo journalctl -u openkm -n 100 --no-pager
```

```
sudo journalctl -u nginx -n 100 --no-pager
```

```
df -h
```

Note: The OpenKM first boot process creates a fresh administrator password only on first launch. It does not rerun after the flag file is created.

6. Troubleshooting

- If the web page does not load, confirm that port 80 is open in the EC2 security group and that the instance has a public IPv4 address.
- If the application was just launched, wait a minute and recheck service health. OpenKM may need extra startup time on smaller instance sizes.
- If you need the generated administrator password again, use the command below.

```
sudo cat /root/FIRST_LOGIN.txt
```

- If you change the password inside OpenKM, the value shown in FIRST_LOGIN.txt is no longer the live password.
- For a clean production setup, consider placing the server behind HTTPS and applying your organization's backup, monitoring, and patching standards.

7. Recommended instance guidance

Use case	Suggested size	Notes
Evaluation and light testing	t3.large or m6i.large	Good starting point for first review and light document activity
Small team production	m6i.xlarge	Better headroom for indexing, previews, and concurrent use
Heavier workloads	m6i.2xlarge or above	Use more CPU, RAM, and storage for larger repositories and busier teams

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