

# Installing and Deploying Deepseek

Tutorials

Reports

Installing and Deploying DeepSeek

Completed: 0 %

00 : 28 : 03

End Exercise

Huawei Cloud Exercise Account

Log in using an exercise account

Account: Sandbox-Voyager11043

Username: Sandbox-user

Password: \*\*\*\*\*

View the model list.

ollama list

NAME	ID	SIZE	MODIFIED
deepseek-r1:1.5b	a42b25d8c18a	1.1 GB	6 hours ago

Run DeepSeek-R1 1.5B.

ollama run deepseek-r1:1.5b

```
[root@ecs-5528 models]# ollama run deepseek-r1:1.5b
>>> Send a message (/? for help)
```

Now, you can talk with DeepSeek.

Note: If the answer provided by DeepSeek is inaccurate, you are advised to pass /bye to stop DeepSeek and run it again.

Console

My VPCs Console

Elastic Cloud Server - Cons...

ecs-cent-deepseek

console-intl.huaweicloud.com/vnc/pod01.ap-southeast-3c/vnc\_auto.html?token=30f763fd-7eb6-491d-8eab-d3acfd36557d...

Send Remote Command

English

Connected (encrypted) to: 04b6dfe4-f963-4c2e-8065-b38c7487adf. Log out before you leave.

Local Cursor

Send Ctrl+Alt+Del

Input Commands

```
> RestartSec=3
> [Install]
> WantedBy=default.target
> EOF
[root@ecs-cent-deepseek ~]# sudo systemctl daemon-reload
[root@ecs-cent-deepseek ~]# sudo systemctl start ollama
[root@ecs-cent-deepseek ~]# ollama -v
ollama version is 0.9.6
[root@ecs-cent-deepseek ~]# wget https://sandbox-experiment-files.obs.cn-north-4.myhuaweicloud.com/deepseek/ollama_deepseek_r1_1.5b.tar.gz
--2025-07-26 19:54:40-- https://sandbox-experiment-files.obs.cn-north-4.myhuaweicloud.com/deepseek/ollama_deepseek_r1_1.5b.tar.gz
Resolving sandbox-experiment-files.obs.cn-north-4.myhuaweicloud.com (sandbox-experiment-files.obs.cn-north-4.myhuaweicloud.com)...
122.9.24.7, 122.9.24.4
Connecting to sandbox-experiment-files.obs.cn-north-4.myhuaweicloud.com (sandbox-experiment-files.obs.cn-north-4.myhuaweicloud.com):
om)1122.9.24.71:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 1808511046 (1.8G) [application/gzip]
Saving to: 'ollama_deepseek_r1_1.5b.tar.gz'

ollama_deepseek_r1_1.5b.tar.gz 100%[=====] 1.81G 12.6MB/s in 82s

2025-07-26 19:56:03 (12.6 MB/s) - 'ollama_deepseek_r1_1.5b.tar.gz' saved [1808511046/1808511046]

[root@ecs-cent-deepseek ~]# sudo tar -C /usr/share/ollama/ollama/models -xzf ollama_deepseek_r1_1.5b.tar.gz
[root@ecs-cent-deepseek ~]# cd /usr/share/ollama/ollama/models
[root@ecs-cent-deepseek models]# mv ./deepseek/sha256* ./blobs
mlroot@ecs-cent-deepseek models]# mkdir -p ./manifests/registry.ollama.ai/library/deepseek-r1
mv ./deepseek/1.5b ./manifests/registry.ollama.ai/library/[root@ecs-cent-deepseek models]# mv ./deepseek/1.5b ./manifests/registr
y.ollama.ai/library/deepseek-r1
r[root@ecs-cent-deepseek models]# rm -rf deepseek/
[root@ecs-cent-deepseek models]# ollama list
NAME ID SIZE MODIFIED
deepseek-r1:1.5b a42b25d8c18a 1.1 GB 5 months ago
[root@ecs-cent-deepseek models]# ollama run deepseek-r1:1.5b
>>> Send a message (/? for help)
```