

# HyperBDR Installation Manual

## 1. Deployment Planning Recommendations

### Environmental Recommendations

You need a server with 8 cores and 16 GB of RAM to deploy the product control end service, database, middleware, and other necessary components. The server should be configured with a public IP address (billed based on data usage).

Node Roles	Flavor	Qty	Notes
Control	8C16G	1	The root disk should have at least 200 GB of space, and a 100 Mbps metered public IP address for downloading installation packages.

## 1. Product Installation

### 2.1 Waiting for virtual machine creation to complete

Wait for the virtual machine to be created and reach a running state. Once ready, use the VNC console to log in and display the login page.



## Logging In to a Linux ECS

✕

Remote Shell Login **New!**[Failed to log in?](#)

**CodeArts IDE for RemoteShell is a tool specially provided by Huawei Cloud for cloud resource access (port 22 is used by default).**  
It provides the file system and terminal to access servers through SSH and access clusters through kubectl.  
[Learn more](#)

[Download](#)

### Other Login Modes

- Log in using Remote Login on the management console.

[Log In](#)

- Log in using a tool, such as PuTTY or Xshell. [Learn more](#)

- a) Download the remote access tool, such as PuTTY.
- b) Enter the EIP.
- c) Enter username root and password, and click OK.

- Log in from a Linux PC or Mac.

- a) Run the following command to set up the connection:

```
ssh EIP
```

For example, **ssh 123.xxx.xxx.456**

- b) Enter username root and password, and click OK.

More login modes: [Logging In to a Linux ECS](#)

Helpful links: [Troubleshooting a login failure](#)

[Troubleshooting slow ECS response](#)

```
Ubuntu 20.04.6 LTS bdr-install tty1
bdr-install login:
```

If login is required, use the standard user account 'ubuntu' to log in, then switch to the root user.

Default login credentials for the 'ubuntu' user:

Username: ubuntu

Password: Abc999@123.Inst

To switch to the root user:

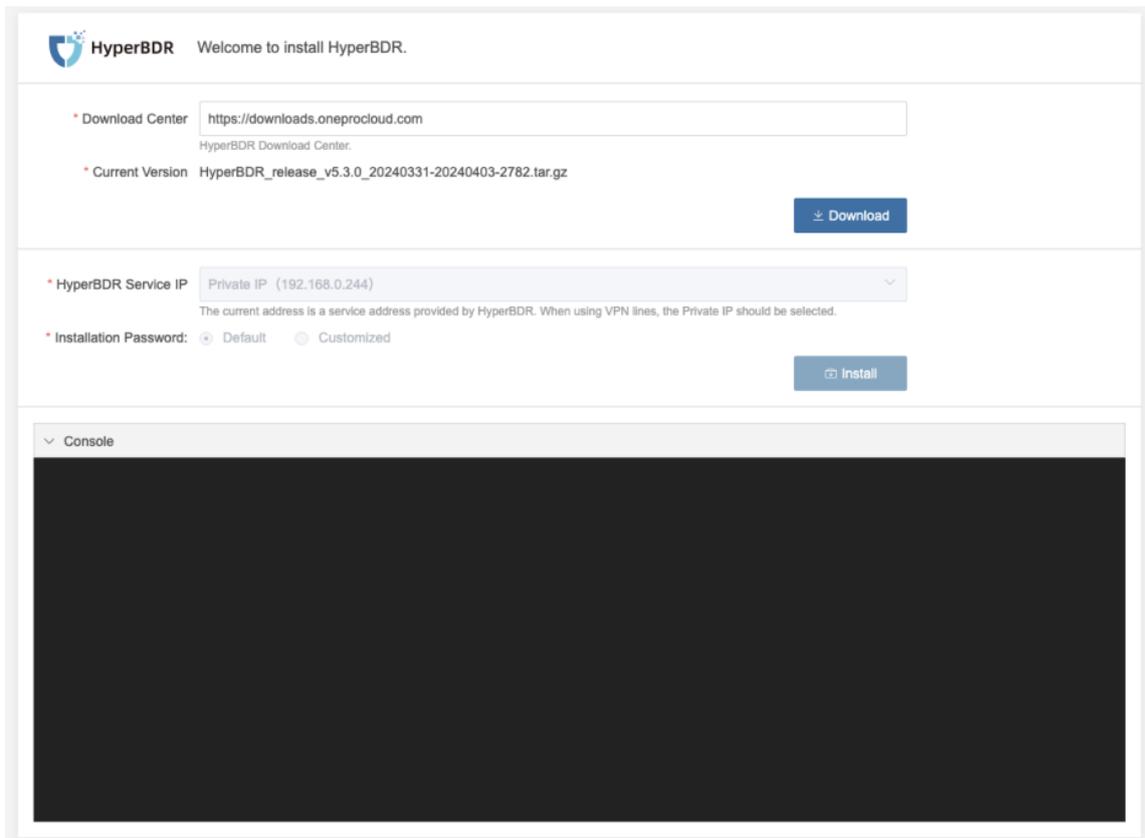
```
su root
```

Enter the root user password set during virtual machine creation.

## 2.2 Access the installation wizard page.

Open the installation wizard page in the browser:

http://<public IP>:15000



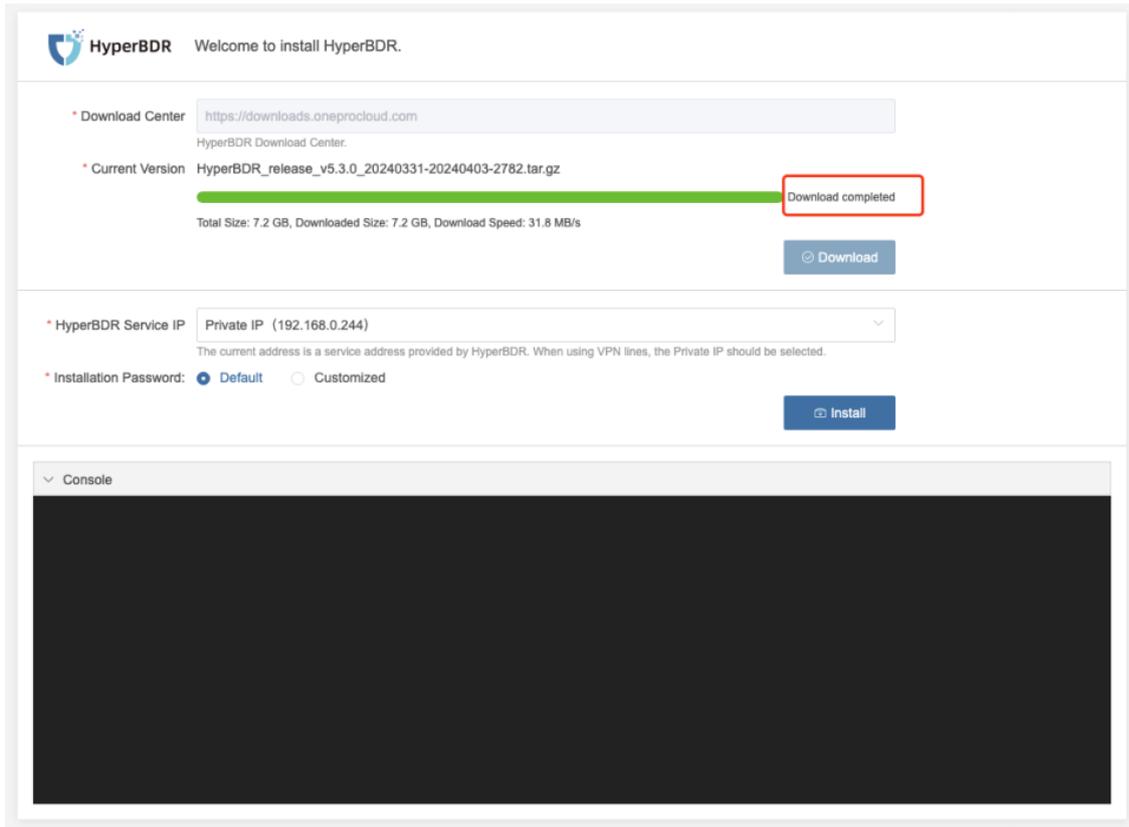
## 2.3 Download the HyperBDR installation package

Click 'Download' to automatically download the latest HyperBDR installation package from object storage.

The screenshot shows the HyperBDR installation page. At the top, it says "HyperBDR Welcome to install HyperBDR." Below this, there are two main sections. The first section contains a "Download Center" field with the URL "https://downloads.oneprocloud.com" and a "Current Version" field with the value "HyperBDR\_release\_v5.3.0\_20240331-20240403-2782.tar.gz". A blue "Download" button is highlighted with a red box, and a red arrow points to it from the right. The second section contains a "HyperBDR Service IP" dropdown menu set to "Private IP (192.168.0.244)" and an "Installation Password" section with "Default" selected. An "Install" button is located at the bottom right of this section. Below these sections is a "Console" area which is currently empty.

Wait for the download to complete.

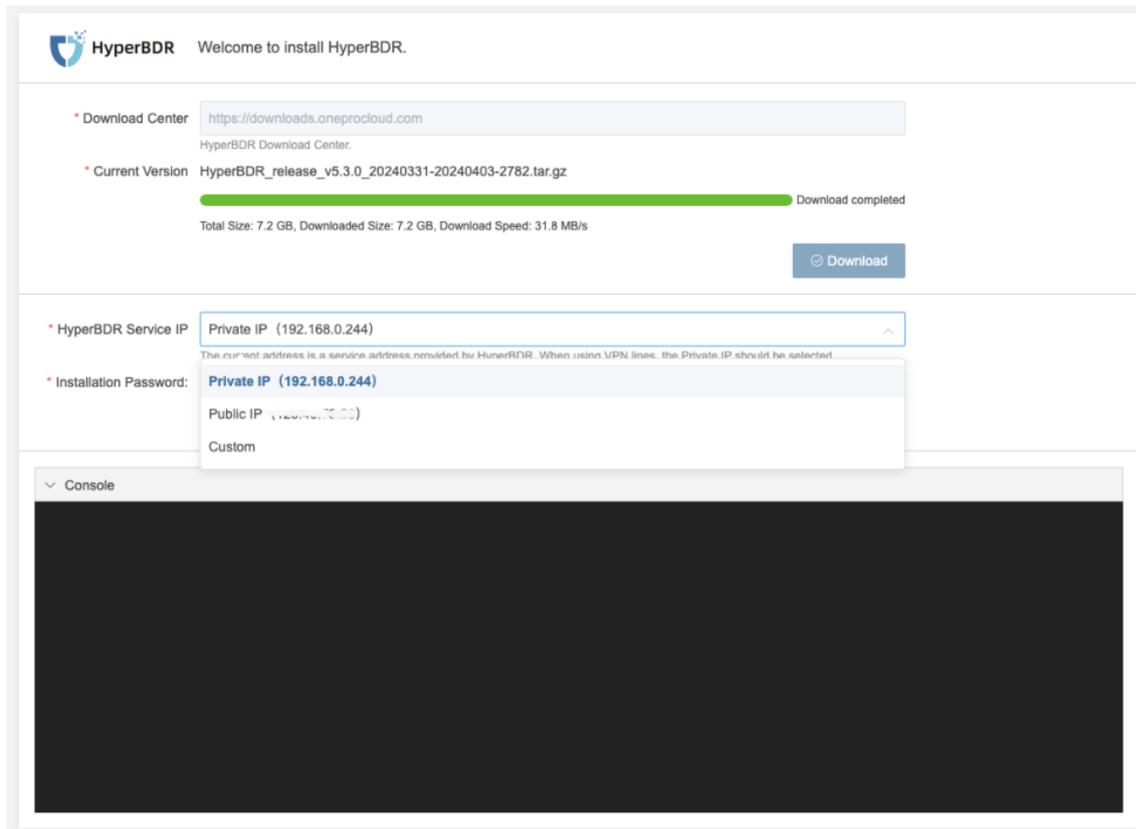
This screenshot shows the same HyperBDR installation page, but now the download progress is visible. The "Current Version" field is highlighted with a red box, and below it is a progress bar showing "3.20%, Remaining Time: 4 minutes". Below the progress bar, it says "Total Size: 7.2 GB, Downloaded Size: 230.7 MB, Download Speed: 28.7 MB/s". The "Download" button is now disabled and has a loading icon. The "HyperBDR Service IP" and "Installation Password" sections remain the same as in the previous screenshot. The "Console" area is still empty.



## 2.4 Select the IP address for the HyperBDR installation service

Choose Private IP, Public IP, or Custom IP based on your specific scenario.

This IP address will be used for communication between the source end and HyperBDR.

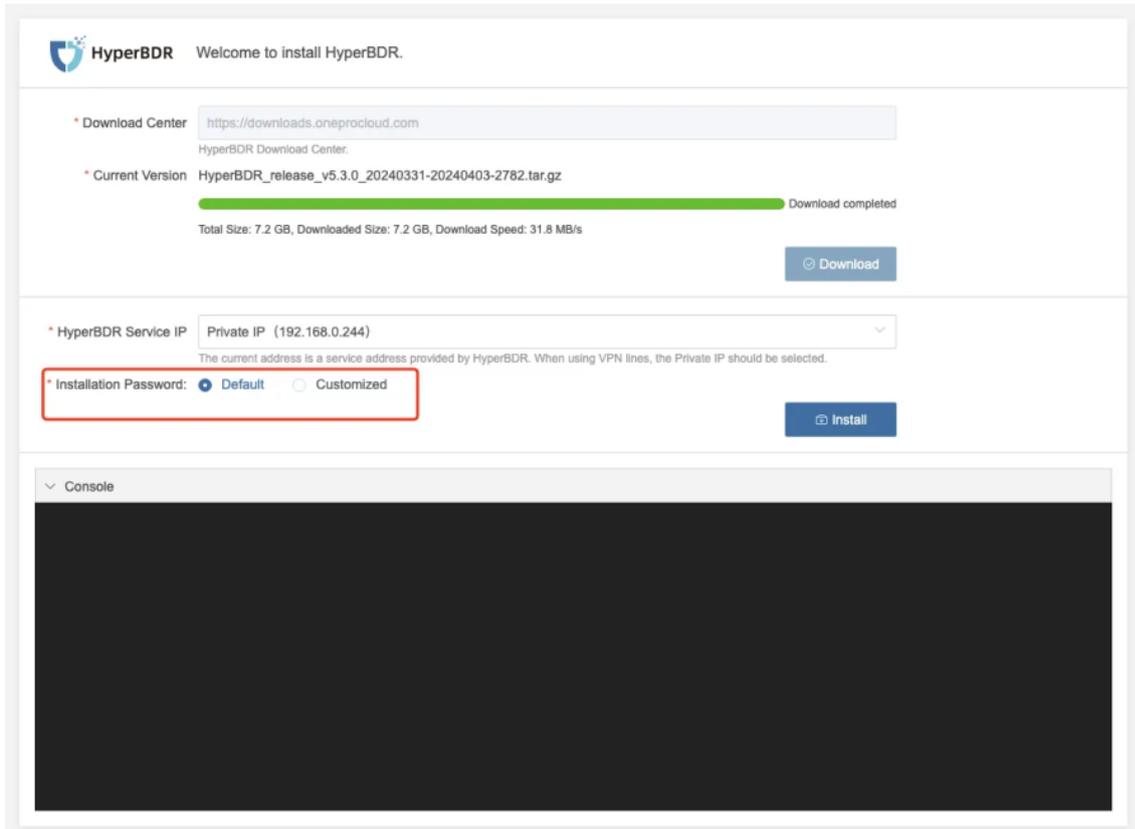


## 2.5 Configure the login password for the HyperBDR page

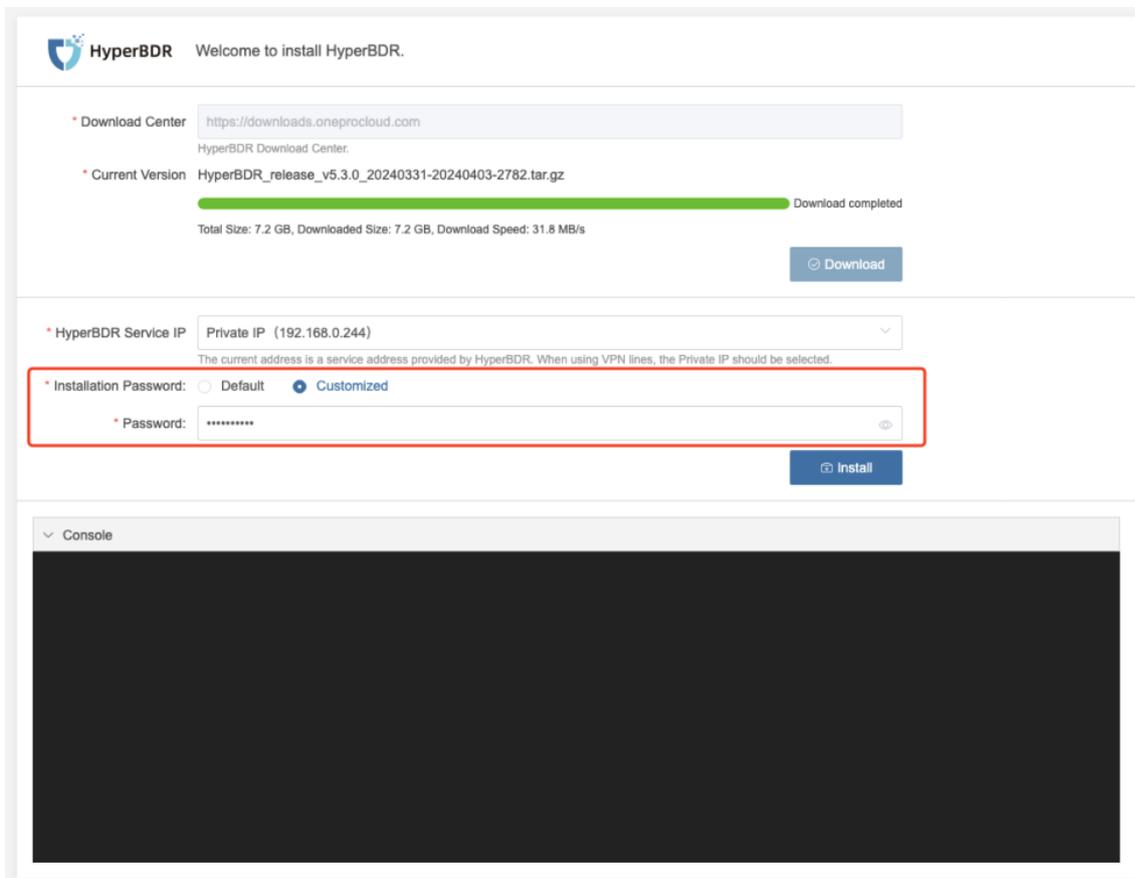
The default login credentials are:

Username: admin

Password: P@ssw0rd



To customize the password, modify the default password to your desired password.



## 2.6 Install HyperBDR

After configuration is complete, click 'Install' and wait for the installation to finish.

HyperBDR Welcome to install HyperBDR.

\* Download Center:   
HyperBDR Download Center.

\* Current Version:   
Download completed  
Total Size: 7.2 GB, Downloaded Size: 7.2 GB, Download Speed: 31.8 MB/s

\* HyperBDR Service IP:   
The current address is a service address provided by HyperBDR. When using VPN lines, the Private IP should be selected.

\* Installation Password:  Default  Customized

\* Password:

Console

HyperBDR Welcome to install HyperBDR.

\* Download Center:   
HyperBDR Download Center.

\* Current Version:   
Download completed  
Total Size: 7.2 GB, Downloaded Size: 7.2 GB, Download Speed: 31.8 MB/s

\* HyperBDR Service IP:   
The current address is a service address provided by HyperBDR. When using VPN lines, the Private IP should be selected.

\* Installation Password:  Default  Customized

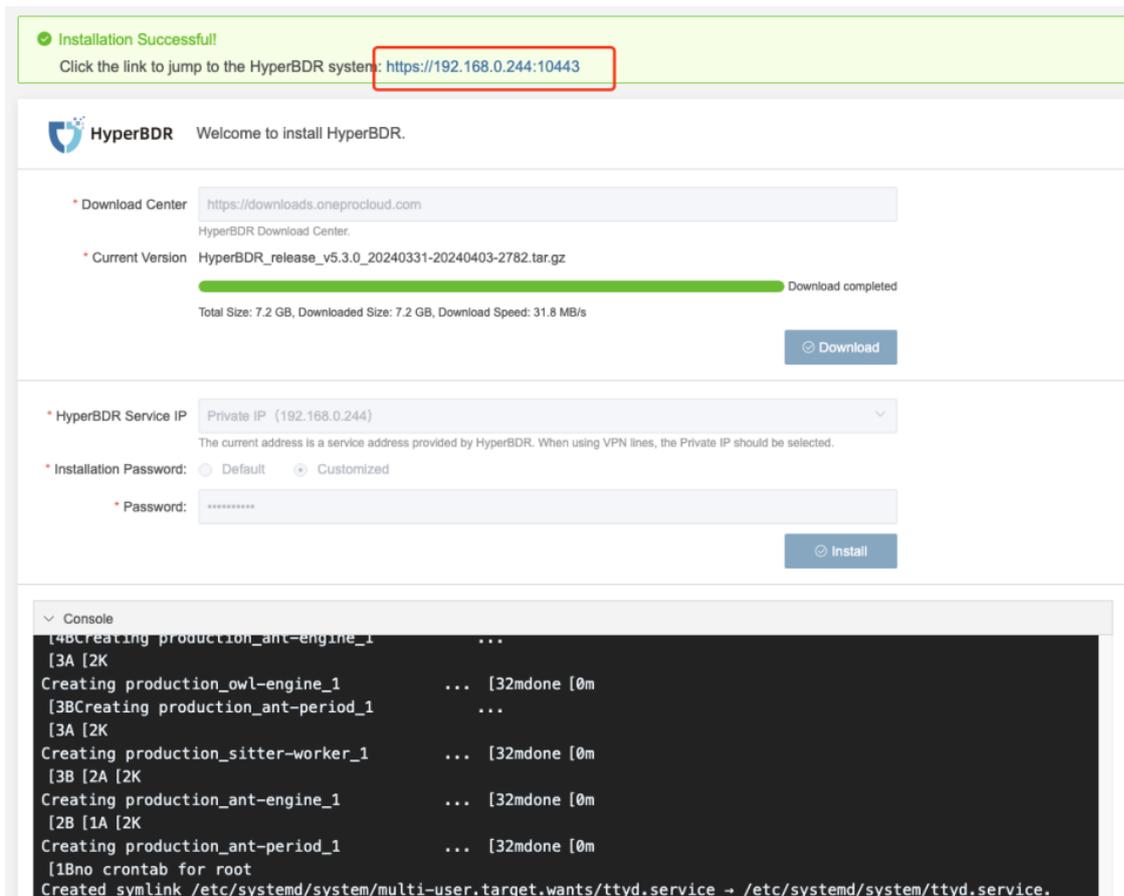
\* Password:

Console

```

installer/docker_installer/docker-19.03.13.tgz
installer/docker_installer/oniguruma-6.8.2-1.el7.x86_64.rpm
installer/docker_installer/docker-compose
installer/docker_installer/jq-1.6-2.el7.x86_64.rpm
installer/install.sh
installer/production/
installer/production/docker-compose-hypermotion.yml
installer/production/logs/
installer/production/logs/redis/
installer/production/logs/redis/redis.log
installer/production/scripts/
installer/production/scripts/uninstall_agent.sh
installer/production/scripts/uninstall_hamal.sh
installer/production/scripts/uninstall_hyper_exporter.sh
installer/production/scripts/uninstall.sh
installer/production/scripts/common.sh
installer/production/scripts/rollback_to_hyperbdr.sh
    
```

After installation is complete, a prompt will display the access address.



### 3. Access HyperBDR

Visit the installation page at the address provided: <https://<IP>:10443>

Username: admin

Password: Use the default password or the customized password you set.

