

Node.js 14.15.2 CentOS 8.2 64 位

【商品介绍】

操作系统版本：CentOS 8.2 64 位

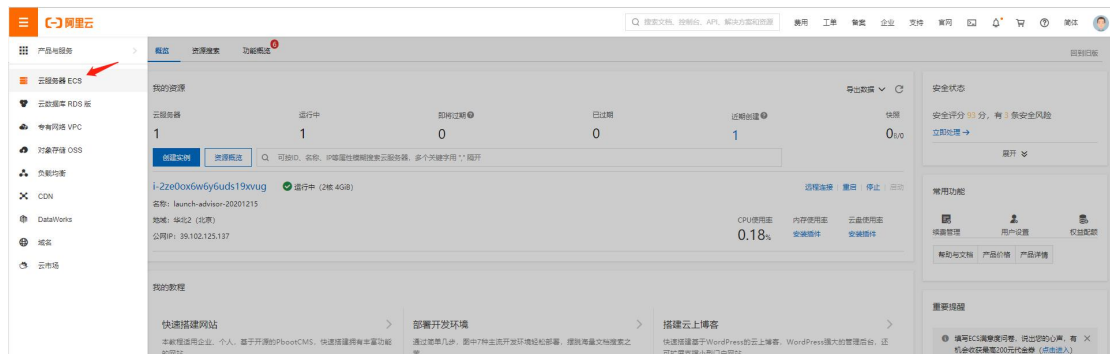
Node.js 版本：14.15.2

【功能亮点】

所有软件均使用官方下载地址，请放心使用；服务和实例均已配置重启自动启动。

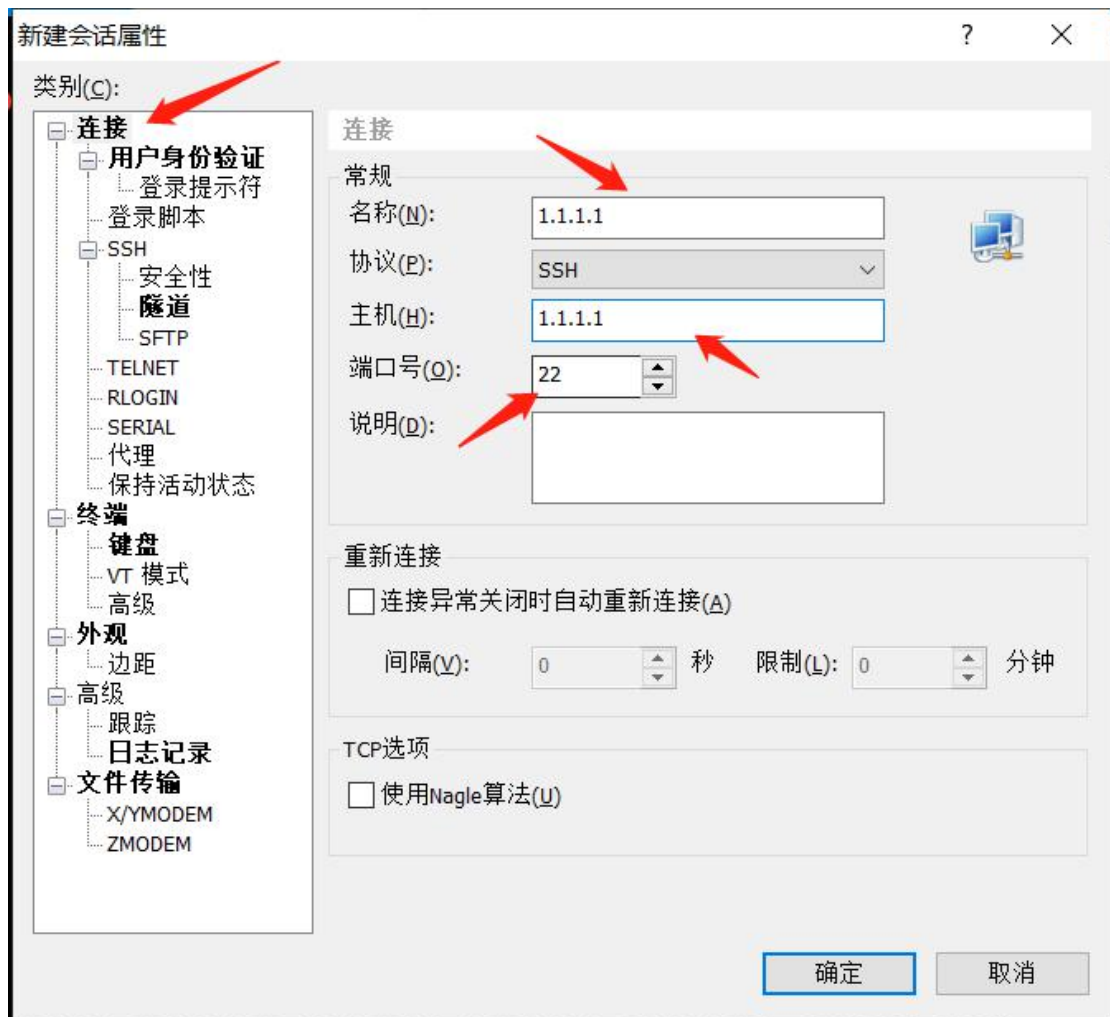
【产品说明】

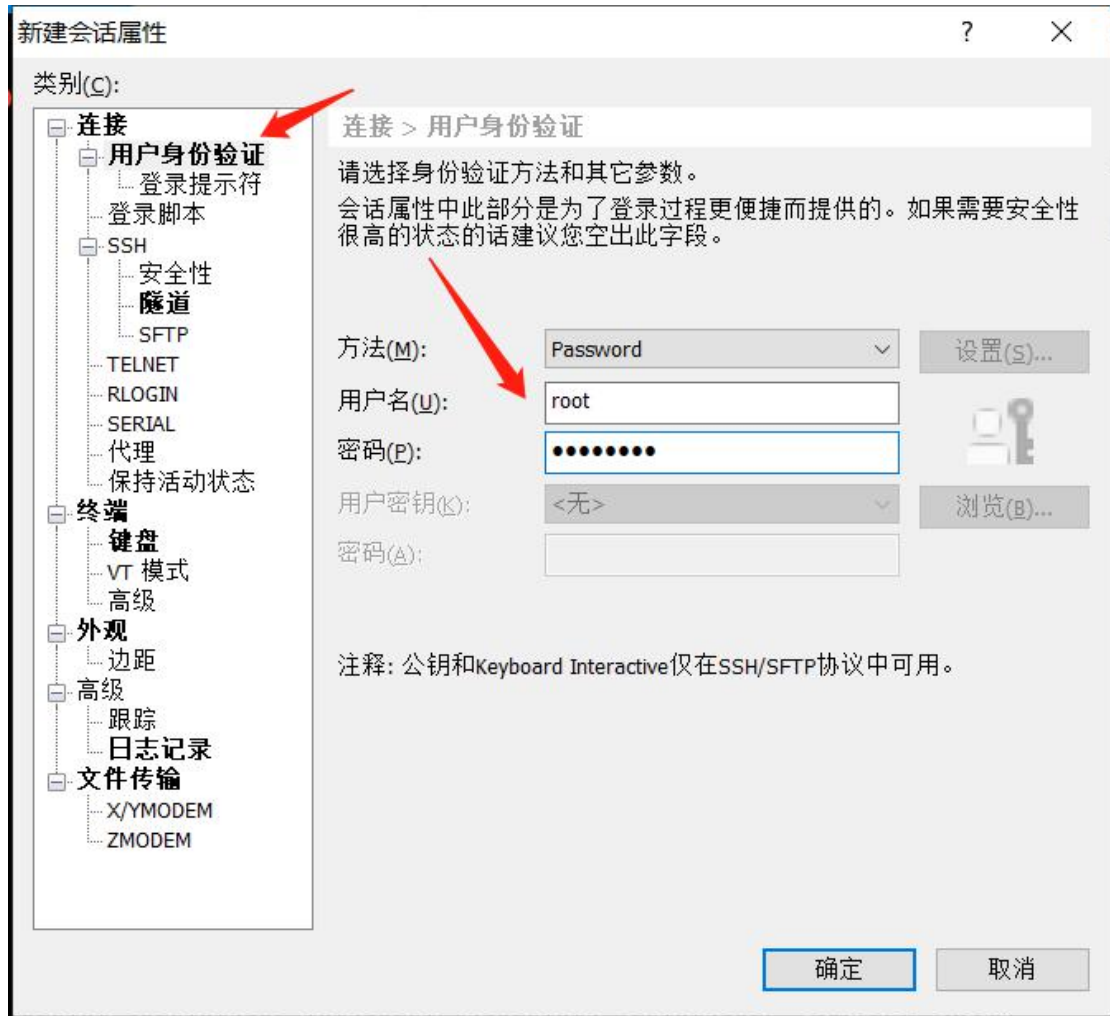
1. 服务器账户信息：CentOS 系统默认管理员账户为 root，默认密码为新购云主机设置的密码，如需重置密码请登陆阿里云管理控制台，如图所示，找到左侧菜单栏【云服务器 ECS】



【系统登录】

本地个人电脑安装 Xshell 或者 CRT SSH 远程连接工具，





```
Last failed login: Wed Dec 16 16:25:29 CST 2020 from 167.71.147.212 on ssh:notty
There were 4 failed login attempts since the last successful login.
Last login: Wed Dec 16 16:02:56 2020 from 222.175.151.170
[root@nodejs ~]#
```

一、npm 安装模块

Npm 安装模块

npm install <Module Name> 安装模块到项目目录下

npm install <Module Name> -g 安装模块到全局

例如:

```
[root@nodejs ~]# npm install -g pm2
npm WARN deprecated debug@4.1.1: Debug versions >=3.2.0 <3.2.7 || >=4 <4.3.1 have a low-severity ReDos regression when used in a Node.js environment. It is recommended you upgrade to 3.2.7 or 4.3.1. (https://github.com/visionmedia/debug/issues/797)
npm WARN deprecated fsevents@2.1.3: Please update to v 2.2.x
/usr/local/node/bin/pm2 -> /usr/local/node/lib/node_modules/pm2/bin/pm2
/usr/local/node/bin/pm2-dev -> /usr/local/node/lib/node_modules/pm2/bin/pm2-dev
/usr/local/node/bin/pm2-docker -> /usr/local/node/lib/node_modules/pm2/bin/pm2-docker
/usr/local/node/bin/pm2-runtime -> /usr/local/node/lib/node_modules/pm2/bin/pm2-runtime
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@-2.1.2 (node_modules/pm2/node_modules/chokidar/node_modules/fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.1.3: wanted {"os":"darwin","arch":"any"} (current: {"os":"linux","arch":"x64"})

+ pm2@4.5.0
added 198 packages from 195 contributors in 111.77s
```

二、构建项目

进入项目所在目录，执行 `cnpm install&&npm run build`,生成的包会在 `dist` 文件夹下。

例如：

```
[root@nodejs ~]# cd example
[root@nodejs example]# cnpm install&&npm run build
: [15/28] Installing postcss-value-parser@3.0.0Platform unsupported @vue/cli-plugin-typescript@3.12.1 > fork-ts-checker-webpack-plugin@0.5.2 > chokidar@2.1.8
> fsevents@1.2.7 Package require os(darwin) not compatible with your platform(linux)
Platform unsupported sass@1.30.0 > chokidar@3.4.3 > fsevents@2.1.2 Package require os(darwin) not compatible with your platform(linux)
[fsevents@1.2.7] optional install error: Package require os(darwin) not compatible with your platform(linux)
[fsevents@2.1.2] optional install error: Package require os(darwin) not compatible with your platform(linux)
✓ Installed 28 packages
✓ Linked 973 latest versions
[1/4] scripts.install husky@4.0.9 run "node husky install", root: "/root/example/node_modules/_husky@4.3.6@husky"
husky > Setting up git hooks
fatal: 不是一个 git 仓库 (或者任何父目录) : .git
husky > Failed to install
[1/4] scripts.install husky@4.0.9 finished in 89ms
[1/4] scripts.postinstall husky@4.0.9 run "opencollective-postinstall || exit 0", root: "/root/example/node_modules/_husky@4.3.6@husky"
Thank you for using husky!
If you rely on this package, please consider supporting our open collective:
> https://opencollective.com/husky/donate

[1/4] scripts.postinstall husky@4.0.9 finished in 52ms
[2/4] scripts.install @vue/cli-plugin-typescript@3.12.1 > yorkie@2.0.0 run "node bin/install.js", root: "/root/example/node_modules/_yorkie@2.0.0@yorkie"
setting up git hooks
can't find .git directory, skipping Git hooks installation
[2/4] scripts.install @vue/cli-plugin-typescript@3.12.1 > yorkie@2.0.0 finished in 63ms
[3/4] scripts.postinstall @vue/cli-service@3.12.1 > webpack-bundle-analyzer@3.9.0 > ejs@2.6.1 run "node ./postinstall.js", root: "/root/example/node_modules/_ejs@2.7.4@ejs"
Thank you for installing EJS: built with the Jake JavaScript build tool (https://jakejs.com/)

[3/4] scripts.postinstall @vue/cli-service@3.12.1 > webpack-bundle-analyzer@3.9.0 > ejs@2.6.1 finished in 50ms
[4/4] scripts.postinstall @vue/cli-plugin-babel@3.12.1 > @vue/babel-preset-app@3.12.1 > core-js@2.6.5 run "node -e `try(require('./postinstall'))catch(e){}`", root: "/root/example/node_modules/_core-js@2.6.12@core-js"
[4/4] scripts.postinstall @vue/cli-plugin-babel@3.12.1 > @vue/babel-preset-app@3.12.1 > core-js@2.6.5 finished in 48ms
✓ Run 4 scripts
peerDependencies WARNING sass-loader@10.0.4 requires a peer of node-sass@4.0.0 || ^5.0.0 but none was installed
peerDependencies WARNING sass-loader@10.0.4 requires a peer of fibers@>= 3.1.0 but none was installed
deprecate popper.js@1.14.7 You can find the new Popper v2 at @popperjs/core, this package is dedicated to the legacy v1
deprecate @vue/cli-plugin-babel@3.12.1 > @vue/cli-shared-utils@3.12.1 > request-promise-native@1.0.7 request-promise-native has been deprecated because it extends the now deprecated request package, see https://github.com/request/request/issues/3142
deprecate @vue/cli-plugin-babel@3.12.1 > @vue/cli-shared-utils@3.12.1 > request@2.87.0 request has been deprecated, see https://github.com/request/request/issues/3142
deprecate @vue/cli-plugin-babel@3.12.1 > @vue/cli-shared-utils@3.12.1 > @hapi/joi@15.0.1 joi is leaving the @hapi organization and moving back to 'joi' (https://github.com/sidewav/joi/issues/2411)

warning

webpack performance recommendations:
You can limit the size of your bundles by using import() or require.ensure to lazy load some parts of your application.
For more info visit https://webpack.js.org/guides/code-splitting/

File                                Size                                Gzipped
dist/js/chunk-vendors.28c532b3.js    1161.20 KiB                         393.42 KiB
dist/js/app.10f1c69a.js              670.98 KiB                           203.61 KiB
dist/css/app.05de3a48.css            64.98 KiB                             12.07 KiB

Images and other types of assets omitted.

DONE Build complete. The dist directory is ready to be deployed.
INFO Check out deployment instructions at https://cli.vuejs.org/guide/deployment.html

[root@nodejs example]# ls
babel.config.js  LICENSE          package.json      postcss.config.js  README.md  src          tslint.json
dist            node_modules    package-lock.json  public            run.sh     tsconfig.json  vue.config.js
[root@nodejs example]#
```

三、启动项目

1) `package.json` 文件 `scripts` 的 `serve` 字段中配置了服务启动的命令。

例如：

```
"scripts": {
  "serve": "vue-cli-service serve",
  "build": "vue-cli-service build",
  "lint": "vue-cli-service lint"
},
```

`npm run serve`

```
[root@nodejs example]# npm run serve

> rocketbot@1.1.0 serve /root/example
> vue-cli-service serve

INFO Starting development server...
Starting type checking and linting service...
Using 1 worker with 2048MB memory limit
98% after emitting CopyPlugin

DONE Compiled successfully in 12724ms

No type errors found
No lint errors found
Version: typescript 3.9.7, tslint 5.20.1
Time: 12466ms

App running at:
- Local: http://localhost:8080/
- Network: http://172.21.0.9:8080/

Note that the development build is not optimized.
To create a production build, run npm run build.
```

2)将 dist 生成的静态文件，放置应用中启动

3) 通过 pm2 管理启动

四、npm 命令

```
npm init 初始化 package.json 文件
npm uninstall <Module Name> 卸载模块
npm update <Module Name> 更新模块
npm outdated <Module Name> 检查模块是否过时
npm start 启动模块 (该命令写在 package.json 文件 scripts 的 start 字段中，可以自定义命令来配置一个服务器环境和安装一系列的必要程序，如果没有配置，默认直接启动 node server.js)
npm stop 停止模块
npm restart 重新启动模块
npm --version 查看 npm 版本
npm ls 查看当前目录下安装的模块
pm2 start app.js 启动 app 项目
pm2 list 列出由 pm2 管理的所有进程信息
pm2 logs 显示所有进程日志
pm2 stop all 停止所有进程
```

```
pm2 restart all 重启所有进程
```

五、package.json 语法

name

在 package.json 中最重要的就是 name 和 version 字段。他们都是必须的，如果没有就无法 install。name 和 version 一起组成的标识在假设中是唯一的。改变包应该同时改变 version。

name 是这个东西的名字。注意：

不要把 node 或者 js 放在名字中。

version

version 必须能被 node-semver 解析, 它被包在 npm 的依赖中。(要自己用可以执行 npm install semver)

description

放简介，字符串

keywords

关键字，数组、字符串

license

许可证。

repository

指定代码存放的地方。

Scripts

“scripts”是一个由脚本命令组成的 hash 对象，他们在包不同的生命周期中被执行。key 是生命周期事件，value 是要运行的命令。

config

"config" hash 可以用来配置用于包脚本中的跨版本参数。

dependencies

依赖是给一组包名指定版本范围的一个 hash。

devDependencies

用于测试开发的 dependencies

【声明】

- 1、镜像中如有收费软件，请根据软件官方说明购买使用版权，因版权问题产生的纠纷本公司概不负责。
- 2、镜像操作系统为公司定制，并经过反复测试验证，请参照商品详情中信息使用，免费镜像为客户体验使用，收费镜像为镜像制作费用，除镜像本身默认环境问题，均不含任何人工技术支持。
- 3、部分付费镜像有安全加固，但不保证服务器绝对安全，互联网中不存在绝对安全的服务器，请做好代码安全，并培养良好的使用习惯。

【售后问题】

- 1、如有软件不能正常使用的情况请联系在线技术支持，技术支持请优先选择旺旺客服；
- 2、如需在线技术支持，配置、调试、故障排查、安全加固、安全测试、高并发测试、负载均衡、集群等等服务请参照本公司服务类产品说明联系技术咨询