

编写说明

新丝路“中文+职业技能”系列教材是把中文作为第二语言，结合专业和职业的专门用途、职业用途的中文教材，不是专业理论教材，不是一般意义的通用综合中文教材。本系列教材定位为职场生存中文教材、立体式技能型语言教材。教材研发的目标是既要满足学习者一般中文环境下的基本交际需求，又要满足学习者职业学习需求和职场工作需求。它和普通的国际中文教材的区别不在语法，而在词汇的专门化程度，在中文的用途、使用场合、应用范围。目前，专门用途、职业用途的中文教材在语言分类和研究成果上几近空白，本系列教材的成功研发开创了中文学习的新视野、新领域、新方向，将“中文+职业技能+X等级证书”真正融合，使学习者在学习中文的同时，也可通过实践掌握职业技能，从而获得X等级证书。

适用对象

本系列教材将适用对象定位为双零基础（零语言基础、零技能基础）的来华学习中文和先进技能的长期或者短期进修生，可满足初、中、高各层次专业课程的教学需要。教材亦可供海内外相关的培训课程及“走出去”的中资企业培训本土化员工使用。

结构规模

本系列教材采取专项语言技能与职业技能训练相结合的中文教学及教材编写模式。教材选择当前热门的物流管理、汽车服务工程技术、电子商务、机电一体化、计算机网络技术、酒店管理等六个专业，培养各专业急需急用的技术岗位人才。每个专业教材均包括初、中、高级三册。每一册都配有专业视频教学资源，还附有“视频脚本”“参考答案”等配套资源。

编写理念

本系列教材将词语进行分类，区分普通词语和专业词语，以通用语料为基础，以概念性、行为性词语为主，不脱离职场情境讨论分级，做到控制词汇量，控制工作场景，控制交流内容与方式，构建语义框架。将语言的分级和专业的分级科学地融合，是实现本系列教材成功编写的关键。

教材目标

语言技能目标：

初级阶段，能熟练掌握基础通用词语和职场的常用专业词语，能使用简短句子进行简单

的生活及工作交流。中级阶段，能听懂工作场合简单的交谈与发言，明白大意，把握基本情况，能就工作中重要的话题用简单的话与人沟通。高级阶段，能听懂工作场合一般的交谈与发言，抓住主要内容和关键信息，使用基本交际策略与人交流、开展工作，能初步了解与交际活动相关的文化因素，掌握与交际有关的一般文化背景知识，能排除交际时遇到的文化障碍。交际能力层次的递进实现从初级的常规礼节、基本生活及工作的交流能力，到中级的简单的服务流程信息交流能力，最后达到高级的复杂信息的交流和特情处理的能力。

职业技能目标：

以满足岗位需求为目标，将遴选出的当前热门的专业工作岗位分为初、中、高三级。物流管理专业初、中、高级对应的岗位分别是物流员、物流经理、物流总监；汽车服务工程专业初、中、高级对应的岗位分别是汽车机电维修工、汽车服务顾问、技术总监；电子商务专业初、中、高级对应的岗位分别是电子商务运营助理、电子商务运营员、电子商务客服；机电一体化专业初、中、高级对应的岗位分别是机电操作工、机电调整工、机电维修工；计算机网络技术专业初、中、高级对应的岗位分别是宽带运维工程师、网络运维专员、网络管理员；酒店管理专业初、中、高级对应的岗位分别是前厅基层接待员、前厅主管、前厅经理。每个专业分解出三十个工作场景 / 任务，学习者在学习后能够全面掌握此岗位概况及基本程序，实现语言学习和专业操作的双重目标。

编写原则

1. 语言知识技能与专业知识技能并进，满足当前热门的、急需急用的岗位需求。
2. 渐进分化，综合贯通，拆解难点，分而治之。
3. 语言知识与专业知识科学、高效复现，语言技能与专业技能螺旋式上升，职场情境、语义框架、本体输入方式相互配合。
4. 使用大量的图片和视频，实现专业知识和技能呈现形式可视化。
5. 强化专业岗位实操性技能。本系列教材配有专业技术教学的视频，突出展示专业岗位的实操性技能，语言学习难度与技能掌握难度的不匹配可通过实操性强的视频和实训环节来补充。

特色追求

本系列教材从初级最基础的语音知识学习和岗位认知开始，将“中文 + 职业技能”融入在工作场景对话中，把工作分解成一个个任务，用图片认知的方式解决专业词语的认知

问题，用视频展示的方法解决学习者掌握中文词语与专业技能的不匹配问题，注重技能的实操性，注重“在做中学”。每一单元都设置了“学以致用”板块，目的不仅仅是解决本单元任务的词语认知问题，更是将学习的目标放在“能听”“能用”“能模仿说出”上。我们力争通过大量图片的使用和配套视频的展示，将教材打造成立体式、技能型语言教材，方便学习者能够更好地自主学习。

使用建议

1. 本系列教材每个专业分为初、中、高级三册，每册10单元，初级每单元建议8~10课时完成，中级10~12课时完成，高级12~14课时完成。
2. 教材注释和说明着力于简明扼要，注重实操性，注重听说技能培养，对于教材涉及的语法知识，教师可视情况予以细化和补充。
3. “单元实训”板块可以在课文和语言点学完之后作为课堂练习使用，建议2课时完成。教师要带着学习者按照实训步骤一步步完成，实训步骤不要求学习者能够看懂，读懂，重要的是教师要引领操作，实现学习者掌握专业技能的目标。
4. “单元小结”板块是对整个单元关键词语和核心内容的总结，对于这部分内容，教师要进行听说练习，以便更好地帮助学习者了解本单元的核心工作任务。
5. 教师上课时充分利用教材设计的练习，引导学习者多听多练，听说结合，学做合一。
6. 教师要带着学习者熟练诵读课文，要求学习者把每课的关键词语和句子、课堂用语背诵下来。

特别感谢

感谢教育部中外语言交流合作中心将新丝路“中文+职业技能”系列教材列为重点研发项目，为我们教材编写增添了动力和责任感。教材编写委员会负责整套教材的规划、设计与编写协调，并先后召开上百次讨论会，对每册教材的课文编写、体例安排、注释说明、练习设计、图片选择、视频制作等进行全方位的评估、讨论和审定。感谢编写委员会成员和所有编者高度的敬业精神、精益求精的编写态度，以及所投入的热情和精力、付出的心血与智慧。感谢关注本系列教材并贡献宝贵意见的国际中文教育教学界专家和全国各地的同人。

新丝路“中文+职业技能”系列教材编写委员会
2023年4月

Compilation Instructions

The New Silk Road “Chinese + Vocational Skills” is a series of Chinese textbooks for specialized and vocational purposes that combine professional and vocational technologies with Chinese as a second language. Instead of being specialized theoretical textbooks, or comprehensive or universal Chinese textbooks in a general sense, this series is intended to be Chinese textbooks for career survival, and three-dimensional skills-based language textbooks. The textbooks are developed with a view to meeting students’ basic communication needs in general Chinese environment, and their professional learning needs and workplace demands as well. They are different from ordinary Chinese textbooks for foreigners in the degree of specialization of vocabulary, in the purpose, usage occasion, and application scope of Chinese (not in grammar). At present, Chinese textbooks for specialized and vocational purposes are virtually non-existent in terms of language classification and research results, so the successful development of this series has opened up new horizons, new fields and new directions for Chinese learning, and virtually integrated “Chinese + Vocational Skills + X-Level Certificates”, which enables students to practically master vocational skills and obtain X-level certificates while learning Chinese.

Applicable Targets

This series is targeted at long-term or short-term students who come to China to learn Chinese and advanced skills with zero language basis and zero skill basis, which can meet the teaching needs of the elementary, intermediate and advanced specialized courses. This series can also be used for relevant training courses at home and abroad and for Chinese-funded enterprises that “go global” to train local employees.

Structure and Scale

This series adopts a Chinese teaching and textbook compilation model combining special language skills and vocational skills training. The series includes the textbooks for six popular majors such as logistics management, automotive service engineering technology, e-commerce, mechatronics, computer networking technology, and hotel management to cultivate technical talents in urgent need. The textbooks for each major consist of the textbooks at the elementary, intermediate and advanced levels. Each textbook is equipped with professional video teaching resources, and “video scripts”, “reference answers” and other supporting resources as well.

Compilation Concept

This series classifies the vocabulary into general vocabulary and specialized vocabulary. Based on the general vocabulary, it focuses on conceptual and behavioral words, not deviating from workplace situations, so as to control the vocabulary, work scenarios and content and means of communication, and build the semantic framework. The scientific integration of language classification and specialty classification is the key to the successful compilation of textbooks.

Textbook Objectives

Language Skill Objectives

For students at the elementary level, they are trained to be familiar with basic general vocabulary and common specialized vocabulary in the workplace, and be able to use short sentences for simple communication in life and at work. For those at the intermediate level, they are trained to understand simple conversations and speeches in the workplace, comprehend the main ideas, grasp the basic situations, and communicate with others in simple words on important topics at work. For those at the advanced level, they are trained to be able to understand general conversations and speeches in the workplace, grasp the main content and key information, use basic communication strategies to communicate with others and carry out the work, have a preliminary understanding of cultural factors related to communication activities, master the general communication-related cultural background knowledge, and overcome cultural barriers encountered during communication. The progression in level of communicative competence helps them to leap forward from routine etiquette, basic communication in life and at work at the elementary level, to simple information exchange of service processes at the intermediate level, and finally to complex information exchange and handling of special circumstances at the advanced level.

Vocational Skill Objectives

To meet job requirements at the elementary, intermediate and advanced levels, the professional positions that are most urgently needed overseas are selected. The positions corresponding to logistics management at the elementary, intermediate and advanced levels are logistics staff, logistics managers and logistics directors; the positions corresponding to automotive service engineering technology at the elementary, intermediate and advanced levels are automotive electromechanical

maintenance staff, automotive service consultants and technical directors; the positions corresponding to e-commerce at the elementary, intermediate and advanced levels are electronic operation assistants, e-commerce operators and e-commerce customer service staff; the positions corresponding to mechatronics at the elementary, intermediate and advanced levels are mechanical and electrical operators, mechanical and electrical adjusters, and mechanical and electrical maintenance staff; the positions corresponding to computer networking technology at the elementary, intermediate and advanced levels are broadband operation and maintenance engineers, network operation and maintenance specialists, and network administrators; the positions corresponding to hotel management at the elementary, intermediate and advanced levels are lobby receptionists, lobby supervisors and lobby managers. Through 30 work scenarios/tasks set for each major, learners can fully grasp the general situations and basic procedures of the position after learning, and achieve the dual goals of language learning and professional operation.

Principles of Compilation

1. Language knowledge skills and professional knowledge skills go hand in hand to meet the demands of current popular and urgently needed job positions;
2. It makes progressive differentiation and comprehensive integration, breaking down, dividing and conquering difficult points;
3. Language knowledge and professional knowledge recur scientifically and efficiently, language skills and professional skills spiral upward, and the situational stage, semantic framework, and ontology input methods cooperate with each other;
4. Professional knowledge and skills are visualized, using a lot of pictures and videos;
5. It strengthens the practical skills in professional positions. This series of textbooks is equipped with videos of professional technical training, highlighting the practical skills for professional positions. It addresses the mismatch between the difficulty of language learning and that of mastering skills by supplementing with practical videos and practical training.

Characteristic Pursuit

Starting from the basic phonetic knowledge learning and job cognition at the elementary level, this series integrates “Chinese + Vocational Skills” into the working scene dialogues,

breaking down the job into various tasks, solving lexical students' problems by means of picture cognition, solving the problem of the mismatch between students' mastery of Chinese vocabulary and professional skills by means of displaying videos, stressing the practicality of skills, and focusing on "learning by doing". Each unit has a "Practicing What You Have Learnt" module, which not only solves the problem of lexical cognition of this unit, but also takes "being able to comprehend", "being able to use" and "being able to imitate" as the learning objectives. We strive to use a large number of pictures and display supporting videos to build the textbooks into three-dimensional skills-based language teaching materials, so that learners can learn more independently.

Recommendations for Use

1. Each major of this series consists of three volumes at the elementary, intermediate, and advanced levels, with 10 units in each volume. For each unit, it is recommended to be completed in 8-10 class hours at the elementary level, 10-12 class hours at the intermediate level, and 12-14 class hours at the advanced level.
2. The notes and explanations in the textbooks focus on conciseness, practicality, and the training of listening and speaking skills. The grammar knowledge in the textbooks can be detailed and supplemented by teachers as the case may be.
3. "Unit Practical Training" module can be used as a classroom exercise after the texts and language points, preferably to be completed in two class hours. Teachers should guide students to complete the training tasks step by step. Students are not required to read and understand the training steps. It is important that teachers guide students to achieve the goal of mastering professional skills.
4. "Unit Summary" module summarizes the keywords and core content of the entire unit. Through listening and speaking exercises, this part can better help learners understand the core tasks of this unit.
5. Teachers should make full use of the exercises designed in the textbooks during class, and guide students to listen more and practice more, combine listening and speaking, and integrate learning with practice.

6. Teachers should guide students to proficiently read the texts aloud, asking them to recite the keywords, sentences and classroom expressions in each unit.

Acknowledgements

We are grateful to the Center for Language Education and Cooperation of the Ministry of Education for listing the New Silk Road “Chinese + Vocational Skills” series as a key research and development project, which adds motivation and a sense of responsibility to our textbook compilation. The Textbook Compilation Committee is responsible for the planning, design, compilation and coordination of the entire set of textbooks, and has held hundreds of seminars to conduct a comprehensive evaluation, discussion, examination and approval of text compilation, style arrangement, notes and explanations, exercise design, picture selection, and video production of each textbook. We are indebted to the members of the Compilation Committee and all compilers for their professional dedication, unwavering pursuit of perfection in the compilation, as well as their enthusiasm, hard work and wisdom. We are thankful to the experts in international Chinese language education and colleagues from all over the country who have kept a close eye on this series and contributed their valuable opinions.

Compilation Committee of New Silk Road “Chinese + Vocational Skills” Series
April 2023

CONTENTS

目录

第一单元 命令行的使用 Use of Command Line	1
第一部分 课文 Texts	2
一、热身 Warm-up	2
二、课文 Texts	4
三、视听说 Viewing, Listening and Speaking	8
四、学以致用 Practicing What You Have Learnt	9
五、小知识 Tips	9
第二部分 汉字 Chinese Characters	10
一、汉字知识 Knowledge about Chinese Characters	10
1. 汉字的笔画 (1) Strokes of Chinese characters (1)	
一 丿 \	
2. 汉字的笔顺 (1) Stroke orders of Chinese characters (1)	
先横后竖 Horizontal strokes before vertical strokes	
先撇后捺 Left-falling strokes before right-falling strokes	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	11
第三部分 日常用语 Daily Expressions	11
第四部分 单元实训 Unit Practical Training	11
VRP 的使用 Use of VRP	11
第五部分 单元小结 Unit Summary	12

第二单元 通过 Console 口登录设备 Log in to the Device through the Console Port **15**

第一部分 课文 Texts	16
一、热身 Warm-up	16
二、课文 Texts	17
三、视听说 Viewing, Listening and Speaking	20
四、学以致用 Practicing What You Have Learnt	21
五、小知识 Tips	22
第二部分 汉字 Chinese Characters	23
一、汉字知识 Knowledge about Chinese Characters	23

1. 汉字的笔画 (2) Strokes of Chinese characters (2)	
丶 ㇇ ㇏ ㇐	
2. 汉字的笔顺 (2) Stroke orders of Chinese characters (2)	
先上后下 Upper strokes before lower strokes	
先左后右 Left-side strokes before right-side strokes	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	24
第三部分 日常用语 Daily Expressions	24
第四部分 单元实训 Unit Practical Training	24
通过 Console 口登录设备 Log in to the Device Through the Console Port	24
第五部分 单元小结 Unit Summary	25

第三单元 设备的基本配置 Basic Configuration of the Device 27

第一部分 课文 Texts	28
一、热身 Warm-up	28
二、课文 Texts	29
三、视听说 Viewing, Listening and Speaking	33
四、学以致用 Practicing What You Have Learnt	34
五、小知识 Tips	35
第二部分 汉字 Chinese Characters	35
一、汉字知识 Knowledge about Chinese Characters	35
1. 汉字的笔画 (3) Strokes of Chinese characters (3)	
㇇ ㇏ ㇐	
2. 汉字的笔顺 (3) Stroke orders of Chinese characters (3)	
先中间后两边 Strokes in the middle before those on both sides	
先外边后里边 Outside strokes before inside strokes	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	36
第三部分 日常用语 Daily Expressions	36
第四部分 单元实训 Unit Practical Training	37
设备的基本配置 Basic Configuration of the Device	37
第五部分 单元小结 Unit Summary	38

第四单元 用户界面配置 User Interface Configuration 41

第一部分 课文 Texts	42
一、热身 Warm-up	42
二、课文 Texts	43

三、视听说 Viewing, Listening and Speaking	46
四、学以致用 Practicing What You Have Learnt	47
五、小知识 Tips	48
第二部分 汉字 Chinese Characters	49
一、汉字知识 Knowledge about Chinese Characters	49
1. 汉字的笔画 (4) Strokes of Chinese characters (4)	
㇀ ㇁ ㇂ ㇃	
2. 汉字的笔顺 (4) Stroke orders of Chinese characters (4)	
先外后里再封口 Outside strokes before inside strokes, and then sealing strokes	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	49
第三部分 日常用语 Daily Expressions	50
第四部分 单元实训 Unit Practical Training	50
配置用户界面 Configuring User Interface	50
第五部分 单元小结 Unit Summary	51

第五单元 文件系统管理 File System Management 53

第一部分 课文 Texts	54
一、热身 Warm-up	54
二、课文 Texts	56
三、视听说 Viewing, Listening and Speaking	59
四、学以致用 Practicing What You Have Learnt	60
五、小知识 Tips	61
第二部分 汉字 Chinese Characters	62
一、汉字知识 Knowledge about Chinese Characters	62
1. 汉字的笔画 (5) Strokes of Chinese characters (5)	
㇄ ㇅ ㇆ ㇇	
2. 汉字的结构 (1) Structures of Chinese characters (1)	
独体结构 Independent structure	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	63
第三部分 日常用语 Daily Expressions	63
第四部分 单元实训 Unit Practical Training	63
目录和文件命令 Directory and File Commands	63
第五部分 单元小结 Unit Summary	65

第六单元 配置文件管理 Configuration File Management 67

第一部分 课文 Texts	68
一、热身 Warm-up	68
二、课文 Texts	71
三、视听说 Viewing, Listening and Speaking	74
四、学以致用 Practicing What You Have Learnt	75
五、小知识 Tips	75
第二部分 汉字 Chinese Characters	76
一、汉字知识 Knowledge about Chinese Characters	76
1. 汉字的笔画 (6) Strokes of Chinese characters (6)	
ㄋ ㄋ	
2. 汉字的结构 (2) Structures of Chinese characters (2)	
品字形结构 品-shaped structure	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	77
第三部分 日常用语 Daily Expressions	77
第四部分 单元实训 Unit Practical Training	77
配置文件的操作 Operations on Configuration File	78
第五部分 单元小结 Unit Summary	79

第七单元 虚拟局域网 Virtual Local Area Network 81

第一部分 课文 Texts	82
一、热身 Warm-up	82
二、课文 Texts	85
三、视听说 Viewing, Listening and Speaking	88
四、学以致用 Practicing What You Have Learnt	89
五、小知识 Tips	90
第二部分 汉字 Chinese Characters	91
一、汉字知识 Knowledge about Chinese Characters	91
1. 汉字的笔画 (7) Strokes of Chinese characters (7)	
ㄣ ㄣ	
2. 汉字的结构 (3) Structures of Chinese characters (3)	
上下结构 Top-bottom structure	
上中下结构 Top-middle-bottom structure	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	91
第三部分 日常用语 Daily Expressions	92

第四部分 单元实训 Unit Practical Training	92
VLAN 的划分 Division of VLAN	92
第五部分 单元小结 Unit Summary	93

第八单元 地址与子网掩码 IP Address and Subnet Mask 95

第一部分 课文 Texts	96
一、热身 Warm-up	96
二、课文 Texts	98
三、视听说 Viewing, Listening and Speaking	101
四、学以致用 Practicing What You Have Learnt	102
五、小知识 Tips	103
第二部分 汉字 Chinese Characters	104
一、汉字知识 Knowledge about Chinese Characters	104
1. 汉字的笔画 (8) Strokes of Chinese characters (8)	
㇀ ㇁	
2. 汉字的结构 (4) Structures of Chinese characters (4)	
左右结构 Left-right structure	
左中右结构 Left-middle-right structure	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	104
第三部分 日常用语 Daily Expressions	105
第四部分 单元实训 Unit Practical Training	105
配置 IP 地址并验证连通性 Configuring IP Address and Verifying the Connectivity	105
第五部分 单元小结 Unit Summary	106

第九单元 用路由器组建网络 Constructing a Network with Routers 109

第一部分 课文 Texts	110
一、热身 Warm-up	110
二、课文 Texts	113
三、视听说 Viewing, Listening and Speaking	115
四、学以致用 Practicing What You Have Learnt	116
五、小知识 Tips	117
第二部分 汉字 Chinese Characters	117
一、汉字知识 Knowledge about Chinese Characters	117
1. 汉字的笔画 (9) Strokes of Chinese characters (9)	
㇂ ㇃	

2. 汉字的结构 (5) Structures of Chinese characters (5)	
全包围结构 Fully-enclosed structure	
半包围结构 Semi-enclosed structure	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	118
第三部分 日常用语 Daily Expressions	118
第四部分 单元实训 Unit Practical Training	119
配置静态路由 Configuring Static Routing	119
第五部分 单元小结 Unit Summary	120

第十单元 地址管理 IP Address Management 121

第一部分 课文 Texts	122
一、热身 Warm-up	122
二、课文 Texts	125
三、视听说 Viewing, Listening and Speaking	128
四、学以致用 Practicing What You Have Learnt	129
五、小知识 Tips	130
第二部分 汉字 Chinese Characters	131
一、汉字知识 Knowledge about Chinese Characters	131
1. 汉字的笔画 (总表) Strokes of Chinese characters (general table)	
2. 汉字的笔顺 (总表) Stroke orders of Chinese characters (general table)	
3. 汉字的结构 (总表) Structures of Chinese characters (general table)	
二、汉字认读与书写 The Recognition and Writing of Chinese Characters	132
第三部分 日常用语 Daily Expressions	132
第四部分 单元实训 Unit Practical Training	132
DHCP 的配置 Configuration of DHCP	133
第五部分 单元小结 Unit Summary	134

附录 Appendix 136

词语总表 Vocabulary	136
视频脚本 Video Scripts	145
参考答案 Reference Answers	152

1

Mìnglíngháng de shǐyòng 命令行的使用 Use of Command Line

VRP mìnglíngháng de
VRP 命令的
jiǎndān shǐyòng
简单使用
Simple Use of VRP Commands

```
The device is running!
```

```
<Huawei>  
<Huawei>
```

qǐdòng shèbèi , bìng jìnrù mìnglíngháng jièmiàn
启动设备, 并进入命令行界面

start the device, and enter the command line interface

```
The device is running!
```

```
<Huawei>  
<Huawei>system-view  
Enter system view, return user view with  
[Huawei]
```

shūrù “system-view” mìnglíngháng , jìnrù xìtǒng shìtú
输入“system-view”命令, 进入系统视图

enter the “system-view” command to enter the system view

```
<Huawei>system-view  
Enter system view, return user view with Ctrl+Z.  
[Huawei]interface GigabitEthernet 0/0/1  
[Huawei-GigabitEthernet0/0/1]
```

shūrù “interface” mìnglíngháng , jìnrù jiēkǒu shìtú
输入“interface”命令, 进入接口视图

enter the “interface” command to enter the interface view

```
<Huawei>system-view  
Enter system view, return user view with Ctrl+Z.  
[Huawei]interface GigabitEthernet 0/0/1  
[Huawei-GigabitEthernet0/0/1]quit  
[Huawei]
```

zài shūrù “quit” mìnglíngháng , cóng dāngqián shìtú tuìchū zhì shàng yì céng shìtú
再输入“quit”命令, 从当前视图退出至上一层视图

enter the “quit” command to quit from the current view and return to the previous view

```
<Huawei>?  
User view commands:  
arp-ping ARP-ping  
autosave <Group> autosave command group  
backup Backup information  
cd Change current directory  
clear <Group> clear command group  
clock Specify the system clock  
cls Clear screen  
compare Compare configuration file  
copy Copy from one file to another  
debugging <Group> debugging command group  
delete Delete a file  
dialer Dialer  
dir List files on a filesystem  
display Display information  
factory-configuration Factory configuration  
fixdisk Try to restore disk  
format Format file system  
free Release a user terminal interface  
ftp Establish an FTP connection  
help Description of the interactive help  
hwtaacs-user HWTACACS user  
license <Group> license command group  
lldp Link Layer Discovery Protocol  
---- More ----
```

shūrù “?” mìnglíngháng , huòdé zàixiàn bāngzhù
输入“?”命令, 获得在线帮助

enter the “?” command to get online help

题解 Introduction

1. 学习内容: VRP 命令行的概念、命令级别、权限和使用方法。

Learning content: The concept, command level, access permission and usage of VRP command line.

2. 知识目标: 掌握 VRP 命令行使用过程中的核心词语, 学习汉字的笔画“一、丨、ノ、丶”和笔顺“先横后竖、先撇后捺”, 学写相关汉字。

Knowledge objectives: To master the core vocabulary used in the process of using VRP command line, learn the strokes “一, 丨, ノ, 丶” and the stroke order “horizontal strokes before vertical strokes, left-falling strokes before right-falling strokes” of Chinese characters, and write the related characters.

3. 技能目标: 通过对 VRP 命令行概念、命令级别、权限等的学习, 学会 VRP 的简单使用。

Skill objective: To master the simple use of VRP through learning the concept, command level and access permission of VRP command line.



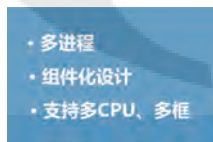
第一部分 Part 1

课文 Texts

一、热身 rèshēn Warm-up

1. 下面所给的是 VRP 相关图示, 请给词语选择对应的图示。

The following are the pictures related to VRP. Please choose the corresponding pictures for the words and phrases.



A.



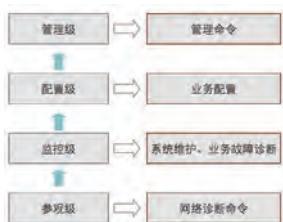
C.

操作	命令
设置路由器名	sysname

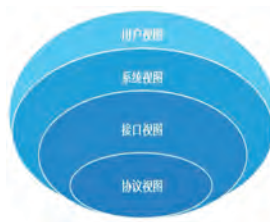
B.

操作	命令
从用户视图进入系统视图	system-view
从系统视图返回到用户视图	quit
从任意的非用户视图返回到用户视图	return

D.



E.



F.

VRP píngtái
① VRP 平台 _____
VRP platform

VRP cāozuò xìtǒng mìnglíngháng shìtú
② VRP 操作系统 命令行视图 _____
VRP operating system command line view

VRP8 bǎnběn tèxìng
③ VRP8 版本特性 _____
features of VRP8 version

mìnglín de jíbié
④ 命令的级别 _____
level of commands

jìnrù hé tuìchū xìtǒng shìtú
⑤ 进入和退出系统视图 _____
entering and quitting the system view

pèizhì lùyóuqì míngchēng
⑥ 配置路由器 名称 _____
configuring the router

2. 观看介绍 VRP 命令的简单使用的视频，将这些命令、界面或视图与对应图片连线。

Watch the video introducing the simple use of VRP commands, and match the commands, interfaces or views with the corresponding pictures.



- zàixiàn bāngzhù mìnglǐng
① 在线帮助命令
online help command
- mìnglǐngháng jièmiàn
② 命令行界面
command line interface
- jìnrù xìtǒng shìtú
③ 进入系统视图
enter the system view
- tùichū mìnglǐngháng shìtú
④ 退出命令行视图
quit the command line view
- jiēkǒu shìtú
⑤ 接口视图
interface view

A.

```
The device is running!
<Huawei>
<Huawei>
```

B.

```
The device is running!
<Huawei>
<Huawei>system-view
Enter system view, return user view with
[Huawei]
```

C.

```
<Huawei>system-view
Enter system view, return user view with Ctrl+Z.
[Huawei]interface GigabitEthernet 0/0/1
[Huawei-GigabitEthernet0/0/1]quit
[Huawei]quit
```

D.

```
<Huawei>
<Huawei>system-view
Enter system view, return user view with Ctrl+Z.
[Huawei]interface gigabitethernet 0/0/1
[Huawei-GigabitEthernet0/0/1]
```

E.

```
<Huawei>?
User view commands:
arp-ping          ARP-ping
autosave         <Group> autosave command group
backup           Backup information
cd               Change current directory
clear            <Group> clear command group
clock           Specify the system clock
cls             Clear screen
compare         Compare configuration file
copy            Copy from one file to another
debugging       <Group> debugging command group
delete         Delete a file
dialer         Dialer
dir            List files on a filesystem
display        Display information
factory-configuration Factory configuration
fixdisk       Try to restore disk
format        Format file system
free         Release a user terminal interface
ftp         Establish an FTP connection
help       Description of the interactive help
hwtacacs-user HWTACACS user
license    <Group> license command group
lldp      Link Layer Discovery Protocol
---- More ----
```

二、课文 kèwén Texts

A 01-01



túdi: Shīfu, qǐngwèn shénme shì VRP ?
徒弟: 师傅, 请问 什么是 VRP ?

shīfu: VRP shì Zhōngguó Huáwéi Gōngsī shùjù tōngxìn chǎnpǐn de tōngyòng wǎngluò cāozuò
师傅: VRP 是 中国 华为公司数据通信产品的通用网络操作
xìtǒng.
系统。

túdì: VRP yǒu shénme yōudiǎn ma?

徒弟: VRP 有什么 优点吗?

shīfu: VRP jùyǒu gāo kěkàoxìng、gāo xìngnéng、gāo kěkuòzhǎnxìng děng yōudiǎn.

师傅: VRP 具有 高可靠性、高性能、高可扩展性等 优点。



译文 yìwén Text in English

Apprentice: Master, what is the VRP?

Master: The VRP is a general-purpose network operating system for data communication products of Huawei, a Chinese company.

Apprentice: What are the advantages of the VRP?

Master: The VRP has the advantages of high reliability, high performance and extensibility, etc.

普通词语 pǔtōng cíyǔ General Vocabulary



01-02

1.	中国	Zhōngguó	pn.	China
2.	华为公司	Huáwéi Gōngsī	pn.	Huawei Company
3.	产品	chǎnpǐn	n.	product
4.	通用	tōngyòng	adj.	all-purpose, universal
5.	网络	wǎngluò	n.	network
6.	优点	yōudiǎn	n.	advantage

专业词语 zhuānyè cíyǔ Specialized Vocabulary




01-03

1.	VRP			Versatile Routing Platform
2.	数据	shùjù	n.	data
3.	通信	tōngxìn	n.	communication

4.	系统	xìtǒng	n.	system
5.	高	gāo	adj.	high
6.	可靠性	kěkàoxìng	n.	reliability
7.	性能	xìngnéng	n.	performance
8.	可扩展性	kěkuòzhǎnxìng	n.	extensibility

B 01-04



túdi: Shīfu, VRP mìnglìngháng de zuòyòng shì shénme?
 徒弟: 师傅, VRP 命令行的作用是什么?

shīfu: VRP mìnglìngháng yònglái wánchéng Huáwéi wǎngluò shèbèi gōngnéng de pèizhì hé yèwù
 师傅: VRP 命令行用来完成华为网络设备功能的配置和业务
 de bùshǔ.
 的部署。

túdi: Yì tiáo VRP mìnglìngháng de jiégòu shì zěnyàng de ne?
 徒弟: 一条 VRP 命令行的结构是怎样的呢?

shīfu: Yì tiáo VRP mìnglìngháng yóu guānjiànzi hé cānshù zǔchéng.
 师傅: 一条 VRP 命令行由关键字和参数组成。

túdi: VRP mìnglìng yǒu jǐ gè jíbié?
 徒弟: VRP 命令有几个级别?

shīfu: VRP mìnglìng jíbié fēnwéi 0 ~ 3 jí.
 师傅: VRP 命令级别分为 0 ~ 3 级。

VRP mìnglíngháng jiégòu
VRP 命令行结构
structure of VRP command line

mìnglíngháng jíbié
命令级别
command level

译文 yìwén Text in English

Apprentice: Master, what is the function of the VRP command line?
 Master: The VRP command line is used to complete the configuration of functions of Huawei network equipment and the deployment of businesses.
 Apprentice: What is the structure of a VRP command line?
 Master: A VRP command line consists of keywords and parameters.
 Apprentice: How many levels does the VRP command have?
 Master: The VRP command can be divided into levels 0-3.

普通词语 pǔtōng cíyǔ General Vocabulary



01-05

1. 作用	zuòyòng	n.	function
2. 完成	wán//chéng	v.	complete
3. 功能	gōngnéng	n.	function
4. 业务	yèwù	n.	business
5. 部署	bùshǔ	v.	deploy
6. 怎样	zěnyàng	pron.	how
7. 个	gè	m.	a measure word
8. 级别	jíbié	n.	level
9. 分为	fēnwéi	phr.	be divided into

专业词语 zhuānyè cíyǔ Specialized Vocabulary



01-06

1. 命令行	mìnglíngháng	phr.	command line
2. 关键字	guānjiànzì	phr.	keyword
关键	guānjiàn	n.	key
字	zì	n.	word, character

三、视听说 shì-tīng-shuō Viewing, Listening and Speaking

1. 观看介绍 VRP 命令级别的视频，将命令级别与它们的作用连线。

Watch the video introducing VRP command levels, and match the command levels with their functions.



- | | |
|---|--|
| <p>0 jí: cānguānjí mìnglǐng</p> <p>① 0 级：参观级命令</p> <p>Level 0: visit-level command</p> | <p>chákàn wǎngluò zhuàngtài hé shèbèi jīběn xìnxī</p> <p>A. 查看网络状态和设备基本信息</p> <p>to view the network status and basic device information</p> |
| <p>1 jí: jiānkòngjí mìnglǐng</p> <p>② 1 级：监控级命令</p> <p>Level 1: monitoring-level command</p> | <p>cèshì wǎngluò shǐfǒu liántōng</p> <p>B. 测试网络是否连通</p> <p>to test whether the network is connected</p> |
| <p>2 jí: pèizhìjí mìnglǐng</p> <p>③ 2 级：配置级命令</p> <p>Level 2: configuration-level command</p> | <p>shàngchuán huòzhě xiàzài pèizhì wénjiàn</p> <p>C. 上传或者下载配置文件</p> <p>to upload or download configuration files</p> |
| <p>3 jí: guǎnlǐjí mìnglǐng</p> <p>④ 3 级：管理级命令</p> <p>Level 3: management-level command</p> | <p>yèwù pèizhì</p> <p>D. 业务配置</p> <p>to configure businesses</p> |

2. 说一说 Let's talk.

说一说 VRP 四个命令级别的作用分别是什么。

Talk about the functions of the four levels of VRP commands respectively.

四、学以致用 xuéyǐzhìyòng Practicing What You Have Learnt

观看视频，找出 VRP 命令级别在实际的运用中对应的用户级别。

Watch the video, and find out the user levels corresponding to the VRP command levels in practical applications.



VRP mìnglǐng jíbié 0、1、2、3
A. VRP 命令级别 0、1、2、3
VRP command levels 0, 1, 2 and 3

VRP mìnglǐng jíbié 0、1、2
C. VRP 命令级别 0、1、2
VRP command levels 0, 1 and 2

VRP yònghù jíbié 0
① VRP 用户级别 0
VRP user level 0

VRP yònghù jíbié 2
③ VRP 用户级别 2
VRP user level 2

VRP mìnglǐng jíbié 0、1
B. VRP 命令级别 0、1
VRP command levels 0 and 1

VRP mìnglǐng jíbié 0
D. VRP 命令级别 0
VRP command level 0

VRP yònghù jíbié 1
② VRP 用户级别 1
VRP user level 1

VRP yònghù jíbié 3 ~ 15
④ VRP 用户级别 3 ~ 15
VRP user levels 3-15

五、小知识 xiǎo zhīshi Tips

VRP píngtái de zuòyòng
VRP 平台的作用

VRP píngtái yǐ TCP/IP xiéyìzhàn wéi héxīn, shíxiànle shùjù liànlùcéng, wǎngluò-
VRP 平台以 TCP/IP 协议栈为核心，实现了数据链路层、网络
céng hé yìngyòngcéng de duō zhǒng xiéyì, zài cāozuò xìtǒng zhōng jíchéngle duō zhǒng shùjù tōngxìn
层和应用层的多种协议，在操作系统中集成了多种数据通信
yàojiàn, bìng yǐ IP zhuǎnfā yǐnqíng jìshù wéi jīchǔ, wéi wǎngluò shèbèi tígōngle chūsè de shùjù
要件，并以 IP 转发引擎技术为基础，为网络设备提供了出色的数据
zhuǎnfā nénglì.
转发能力。

Functions of the VRP Platform

Taking TCP/IP protocol stack as the core, the VRP platform realizes a variety of protocols at data link layer, network layer and application layer, integrates a variety of data communication elements in the operating system, and provides excellent data forwarding capability for network devices based on IP forwarding engine technology.

补充专业词语 bǔchōng zhuānyè cíyǔ Supplementary Specialized Vocabulary



1. 版本特性	bǎnběn tèxìng	phr.	version property
2. 系统视图	xìtǒng shìtú	phr.	system view
视图	shìtú	n.	view
3. 接口视图	jiēkǒu shìtú	phr.	interface view
4. 用户级别	yònghù jíbié	phr.	user level
用户	yònghù	n.	user

第二部分 Part 2

汉字 Chinese Characters

一、汉字知识 Hànzì zhīshi Knowledge about Chinese Characters

1. 汉字的笔画 (1) Strokes of Chinese characters (1)

笔画 Strokes	名称 Names	例字 Examples
一	横 héng	二
丨	竖 shù	十
ノ	撇 piě	人
㇏	捺 nà	八

2. 汉字的笔顺 (1) Stroke orders of Chinese characters (1)

规则 Rules	例字 Examples	笔顺 Stroke orders
先横后竖 Horizontal strokes before vertical strokes	十	一 十
先撇后捺 Left-falling strokes before right-falling strokes	人 八	ノ 人 ノ 八

二、汉字认读与书写 Hànzì rèndú yǔ shūxiě The Recognition and Writing of Chinese Characters

认读下列汉字构成的词语，并试着写汉字。

Read the words composed of the following Chinese characters, and try to write them.

版本特性 操作系统 关键字 级别

版				本				特				性			
操				作				系				统			
关				键				字				级			
别															

第三部分 Part 3

日常用语 Daily Expressions

- ① 劳驾，帮我叫辆出租车。Láojià, bāng wǒ jiào liàng chūzūchē. Excuse me, please get me a taxi.
- ② 明天见。Míngtiān jiàn. See you tomorrow!
- ③ 不见不散。Bú jiàn bú sǎn. Be there or be square!

第四部分 Part 4

单元实训 Unit Practical Training



VRP de shǐyòng
VRP 的使用 Use of VRP

实训目的 Training purpose

学会 VRP 的简单使用。

To learn the simple use of VRP.

实训组织 Training organization

每组 3 ~ 5 人，选出一个组长。

Students work in groups of 3-5. Each group chooses a group leader.

实训内容 Training content

VRP 的使用。

Use of VRP.

实训步骤 Training steps

① 通过跟读、图片展示及小组比赛等方式复习巩固 VRP 使用命令。

Review and consolidate VRP commands through listening and repeating, picture presentation, group competition and other methods.

② 进入系统视图界面。

Enter the system view interface.

③ 修改路由器名称为 R1。

Change the router name to R1.

④ 路由器 R1 配置显示相关信息等。

Router R1 configuration displays relevant information, etc.

⑤ 实训结束，总结评价。

The teacher makes a summary and an evaluation, and ends the training.

第五部分 Part 5**单元小结 Unit Summary****普通词语 General Vocabulary**

1. 中国	Zhōngguó	pn.	China
2. 华为公司	Huáwéi Gōngsī	pn.	Huawei Company
3. 产品	chǎnpǐn	n.	product
4. 通用	tōngyòng	adj.	all-purpose, universal
5. 网络	wǎngluò	n.	network
6. 优点	yōudiǎn	n.	advantage
7. 作用	zuòyòng	n.	function
8. 完成	wán//chéng	v.	complete
9. 功能	gōngnéng	n.	function
10. 业务	yèwù	n.	business
11. 部署	bùshǔ	v.	deploy

cíyǔ
词语

Vocabulary

cíyǔ
词语
Vocabulary

12. 怎样	zěnyàng	pron.	how
13. 个	gè	m.	a measure word
14. 级别	jíbíe	n.	level
15. 分为	fēnwéi	phr.	be divided into

专业词语 Specialized Vocabulary

1. VRP			Versatile Routing Platform
2. 数据	shùjù	n.	data
3. 通信	tōngxìn	n.	communication
4. 系统	xìtǒng	n.	system
5. 高	gāo	adj.	high
6. 可靠性	kěkàoxìng	n.	reliability
7. 性能	xìngnéng	n.	performance
8. 可扩展性	kěkuòzhǎnxìng	n.	extensibility
9. 命令行	mìnglìngháng	phr.	command line
10. 关键字	guānjiàn zì	phr.	keyword
关键	guānjiàn	n.	key
字	zì	n.	word, character

补充专业词语 Supplementary Specialized Vocabulary

1. 版本特性	bǎnběn tèxìng	phr.	version property
2. 系统视图	xìtǒng shìtú	phr.	system view
视图	shìtú	n.	view
3. 接口视图	jiēkǒu shìtú	phr.	interface view
4. 用户级别	yònghù jíbié	phr.	user level
用户	yònghù	n.	user

jùzi
句子
Sentences

1. VRP 是中国华为公司数据通信产品的通用网络操作系统。
2. VRP 具有高可靠性、高性能、高可扩展性等优点。
3. VRP 命令行用来完成华为网络设备功能的配置和业务的部署。
4. 一条 VRP 命令行由关键字和参数组成。
5. VRP 命令级别分为 0 ~ 3 级。