

# CISCO 3 CHAPTER 1 TEST ANSWERS

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### **How to crack Cisco exam?**

**What happens if you fail a Cisco exam?** Candidates who fail an Entry-, Associate-, Professional-, Specialist-level, or CCDE written exam must wait five calendar days, beginning the day after the failed attempt, before they may retest for the same exam.

### **What of a switch refers to the number of ports available on a single switch?**

The port density of a switch refers to the number of ports available on a single switch. The figure shows the port density of three different switches. Fixed configuration switches typically support up to 48 ports on a single device.

**Is used to monitor and make configuration changes to a network device over a network connection?** In-band management is used to monitor and make configuration changes to a network device over a network connection. Configuration using in-band management requires: At least one network interface on the device to be connected and operational.

**Which is the hardest exam in Cisco?** The toughest Cisco certification is subjective and depends on individual strengths and experience. However, many consider the Cisco Certified Internetwork Expert (CCIE) certification to be one of the most challenging.

**Is CCNA still worth IT in 2024?** Benefits of Getting a CCNA Certification in 2024  
Getting CCNA certified will not only help you understand the basics of networking but is also great for career advancement. Being CCNA certified will increase the chances of you being employed in the IT industry and help you negotiate a higher salary.

**How many people fail the CCNA first try?** The CCNA routing/switching exam passing rate is 85%. However, according to some resources, the test's failure rate on the first attempt is +/- 95%. Although it is not difficult, the exam can be challenging for newcomers to network.

**Is Cisco harder than CompTIA?** Cisco doesn't offer a general IT cert at CCNA level. Which course should I go for, a beginner networking certification, CCNA or CompTIA? CompTIA N+ is far easier than the CCNA, but the CCNA is way more recognized. If you start from scratch (no networking knowledge).

**What is the passing score for Cisco?** Passing score: This is also not published information, but a general rule tends to be around 80% correct answers to pass the exam. Question types: Performance-based simulations and questions that test theoretical knowledge are a part of the exam.

**What are the two types of ports of switches?**

**Why do switches have 48 ports?** Consider buying a 48 port switch. It will improve connectivity and network performance. There are 52 ports. They let you connect many devices without slowing down.

**How many ports are in a router?** A home router can have 5 ports, while an extensive network switch can have up to 52 ports. The number of devices that may connect to an Ethernet switch is always one fewer than the number of physical ports accessible on the switch.

**Which protocol is used to monitor a network?** Simple Network Management Protocol (SNMP) is a networking protocol used for the management and monitoring of network-connected devices in Internet Protocol networks.

**What tool protocol is often used to check if a device is connected to a network?** Ping Tools The ICMP ping tool is a basic network troubleshooting tool that lets you assess if a device is reachable on the network. It reports on errors such as packet loss, round-trip-time, etc. The usual ping requests are based on the ICMP echo request protocol.

**Which device is accessible even if no networking services have been configured?** The advantage of using a console port is that the device is accessible even if no networking services have been configured, such as when performing an initial configuration of the networking device.

**What is the toughest exam in networking?**

**Which Cisco certification pays the most?**

**Is Cisco hard to get a job?** The interview process in Cisco might be a little challenging as numerous candidates are applying for the same. If you prepare well in advance for the interview, then the chances of you being selected are very high.

**What is the salary of a CCNA certified person?** Network Engineer Ccna Certified salary in India ranges between ₹ 1.1 Lakhs to ₹ 7.0 Lakhs with an average annual salary of ₹ 4.0 Lakhs.

**Is CCNA being discontinued?** Cisco announced the discontinuation of CCNA Security certification in 2020.

**How many people fail the CCNA?** Over 90% of students quit while studying for their CCNA exam. Of the 10% who actually take it, 50% fail on their first attempt. In fact, the average pass rate is 2.5 attempts so \$750 per pass.

**How difficult is the Cisco Encor exam?** One recent test taker mentioned, "The ENCOR exam was tougher than I anticipated. It really tests your understanding of network fundamentals and how to apply them in complex scenarios. You can't just memorize; you need to understand."

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**How to pass Cisco certification?** To prepare for the CISSP exam, study the CISSP exam outline, use official guides and online courses, join study groups, and practice with sample exams. Focus on weak areas and adjust your study plan as

needed. Understanding the CISSP exam's structure isn't just a recommendation—it's essential.

**Is CCNA 200 301 hard?** CCNA 200-301 certification exam is difficult with questions from multiple knowledge domains, labs and topics. The following are recommendations to score your best on the CCNA 200-301 exam.

### **Three Souls: Exploring Janie Chang's Complex Identities**

Janie Chang is a renowned Chinese-American author whose work is characterized by its exploration of multiple identities and cultures. In her acclaimed novel "Three Souls," Chang introduces a unique concept that delves into the complexities of the human psyche: the existence of three distinct souls within each individual.

#### **1. What are the Three Souls?**

According to Chang, each person possesses three souls: the physical soul, the emotional soul, and the spiritual soul. The physical soul is responsible for our bodily functions and physical sensations. The emotional soul encompasses our feelings, desires, and relationships. The spiritual soul connects us to something greater than ourselves, such as nature, the universe, or a higher power.

#### **2. How do the Three Souls Interact?**

The three souls are interconnected and often in dialogue with each other. They can influence our thoughts, actions, and experiences. For example, if our physical soul is injured, our emotional soul may experience pain and sadness. Conversely, if our spiritual soul is awakened, it may inspire our emotional soul to pursue meaningful connections and purpose.

#### **3. How does the Three Souls Concept Affect Identity?**

Chang suggests that the three souls contribute to our sense of identity. By understanding the different aspects of our selves, we can gain greater insight into our motivations, relationships, and the overall trajectory of our lives.

#### **4. How is the Three Souls Concept Explored in "Three Souls"?**

In her novel, Chang tells the story of three characters who struggle with the complexities of their identities. Flora, a Chinese-American woman, grapples with cultural expectations and her desire for personal fulfillment. Peter, a Chinese-Canadian man, explores his sexuality and cultural heritage. Iris, a Caucasian woman, confronts her own past and the impact of her relationships. Through these characters, Chang reveals the ways in which the three souls interact and shape our identities.

## **5. Significance of the Three Souls Concept**

Janie Chang's Three Souls concept offers a profound and multifaceted understanding of the human experience. It challenges traditional notions of identity and encourages us to embrace the complexities of our being. By recognizing the distinct yet interconnected aspects of ourselves, we can foster a greater sense of self-awareness, empathy, and connection with others.

**Is end user computing difficult?** Challenges with the audit and review process  
End-user computing applications contain a high level of detail that changes over time. Performing a full audit and review of a file can be time-consuming, especially for someone who has not built or regularly used the file.

**What is the end user computing?** End-user computing (EUC) is a combination of technologies, policies, and processes that gives your workforce secure, remote access to applications, desktops, and data they need to get their work done.

**What is end user computing module?** End-user computing (EUC) is a term that refers to the technologies that IT professionals use to deploy, manage and secure the devices, applications and data that workers require to perform their jobs.

**What is end user computing criteria?** An effective end user computing policy includes elements of governance, process, people and technology. Each of these elements should be customized to meet the specific needs of the organization.

**Is Python end user computing?** Microsoft Excel spreadsheets, Access databases, and Python scripts are just some examples of end user applications.

**Is end user computing a good career?** By choosing to study End User Computing you could set yourself up for a fulfilling and longlasting career. This is because many businesses greatly depend on these IT skills, thus ensuring they will always be in demand.

**What are the three types of end user computing?**

**Is Excel an end user computing?** Perhaps the most common EUC platform is Microsoft Excel, but beyond spreadsheets, end-user computing applications are often employed in databases, queries, scripts, or output from reporting tools.

**What are the five success criteria for end user computing?** According to Magal, et al. (1988), the measure of CSFs incorporates five groups of factors important to IC success: (1) commitment to the IC concept; (2) quality of IC support services; (3) facilitation of end-user computing; (4) role clarity; and (5) coordination of end-user computing.

**What are the skills of end user computing?** Understanding Applications, Softwares and Hardwares. Introduction to different types of Operating Systems. Basic MS Word, Excel, PowerPoint, and Electronic Mail. Create and save Documents/Database/Spreadsheet/Presentation.

**What are examples of end user computing tools?**

**What are the stages of end user computing?** Nolan proposed a model for the stages of growth of computer usage in organizations [21]. The model was subsequently elaborated upon in a series of articles in which the original four stages were expanded to six: Initiation, Contagion, Control, Integration, Data Administration, and Maturity [9, 22, 23].

**What is the goal of end user computing?** End User Computing aims to seamlessly integrate users and their devices into the computing environment. An EUC strategy thereby enables mobility, Bring-Your-Own-Device (BYOD), and remote access.

**How do you manage end user computing?**

**What are the priorities of end user computing?** Arguably the most critical to your EUC strategy is your device management or MDM solution. The ability to manage devices plays a key role as a foundation to all other components that make up your EUC strategy. It's critical to your security plan, device and organizational security postures.

**What are the risks of end user computing?** Lack of Security: EUCs like spreadsheets can have wide usage, but lack the kinds of security controls that might be standard for other applications. Model Interdependencies: EUCs often contain models that leverage data or models from other EUCs and errors from one EUC can easily cascade into another EUC.

**What are the requirements for EUC?** The EUC must at all times bear witness of: the place and date of issue; a reference number; the signature and name, as well as the title and position of the buyer / importer; conditions imposed by the United States; and it must include an official stamp and or seal authenticating the EUC by the appointed Government ...

**What is the future of end user computing?** In 2024, EUC is reshaping workspace and endpoint protection models to align with AI-driven trends and the increasing user demand for "work from anywhere." The focus is on developing user-centric solutions that integrate into an interoperable ecosystem, providing enterprises with the necessary flexibility and scale.

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**What is a forward and reverse motor starter?** A forward/reverse magnetic motor starter is constructed from two regular contactors installed with a mechanical interlock that prevents both coils from pulling in simultaneously. Forward/Reverse power circuit.

**What are the two types of reversing starters?** Reversing starters utilize electromagnetism and can make a motor rotate in either direction. Both AC and DC motor starters can be reversing starters and can be used with single phase and three phase motors.

**Why is a forward reversing motor starter interlocked?** Forward / reverse starters must never close their power contacts simultaneously. The best way to provide this is through electrical interlocks, which prevent the one coil from being energized if the other is engaged. A failure in electrical interlocking can cause both coils to be energized at the same time.

**How to make a motor run forward and reverse?** Your DC motor can be configured to turn in either direction by simply inverting the polarity of the applied voltage. The change in the flow of current switches the direction of the spinning force, causing the motor's shaft to begin turning in the opposite direction.

**What is the function of forward reverse switch?** The reverse switch is also called forward reverse switch. The function of it is to connect and disconnect the power supply or load, which can make the motor forward or reverse.

**Can a single phase motor run forward and reverse?** Once started, a single phase induction motor will happily run in either direction. To reverse it, we need to change the direction of the rotating magnetic field produced by the main and starter windings. And this can be accomplished by reversing the polarity of the starter winding.

**How many motors are needed for the forward-reverse motor control?** If a motor is to be driven in two directions, then it will require a Forward / Reverse motor starter, which has two three-pole horsepower-rated contactors rather than just one as in the conventional starter. Each of the two different motor starters powers the motor with a different phase rotation.

**What is a non reversing motor starter?** The first starting type is the Full Voltage, Non-Reversing motor controller. As the name implies, when the controller's single contactor actuates, this motor controller type, also known as FVNR, allows the full line voltage to be applied to the motor.



**What does a manual reversing starter use?** A motor starter that uses a solenoid as a magnetic switch to provide control of a motor. Magnetic starters can operate automatically and be controlled remotely. A reversing starter made by connecting two manual motor starters. Manual reversing starters use mechanical interlock as a safety measure.

**How does a reversing starter reverse the direction of rotation of a motor?** Reversing an AC Motor Since each wire consists of a positive and negative current within the magnetic fields, the flip-flopping of main and starter wires causes the motor to run in reverse rotation. This easy switching of wires works because the polarity of the magnetic field is reversed, thus reversing the motor.

**What happens if both contactors in a reversing starter close at the same time?** If there are no interlocks preventing both contactors from closing at the same time, Power supply will be short circuited, causing fuses or circuit breaker to blow. In DC motor, positive and negative will be shorted. In 3-phase AC, there will be phase-to-phase fault.

**What is a reversing magnetic motor starter?** A reversing magnetic motor starter provides a magnetic method of changing a motor's direction of rotation.

**How do I change the polarity of a motor?** Disconnect the wires from the battery and reattach them on the opposite ends of the battery (i.e. white to negative, black to positive). Reversing the polarity should cause the motor shaft to turn in the opposite direction.

**How do you change the direction of a running motor?**

**How to reverse a capacitor start motor?** to reverse a single phase motor, be it capacitor start, or capacitor run, or both, with or without centrifugal switch, you reverse the polarity (swap over the connections) on the START winding, changing the polarity of the run winding will have no effect, as a single phase motor will always run in the direction it is ...

**What is the advantage of forward and reverse motor starter?** It allows the motor to be operated in both forward and reverse directions, making it versatile and flexible. It provides a simple and cost-effective way of controlling the direction of

rotation of a motor. It is easy to install and requires minimal maintenance.

**What is the purpose of forward and reverse biasing?** Forward bias decreases a diode's resistance, and reverse bias increases a diode's resistance. The current flows effortlessly while in forward bias, but reverse bias does not permit current to flow through the diode.

**What is the difference between forward and reverse clicky switches?**

**How to run a motor forward and reverse?** Once started, a single-phase induction motor will happily run in either direction. To reverse it, we need to change the direction of the rotating magnetic field produced by the running and starter windings. And this can be accomplished by reversing the polarity of the starter winding.

**How to make a single-phase motor run in reverse?** To reverse a single phase motor, you reverse the polarity of the start winding. In a properly marked motor, the run winding is A1 and A2 and the start winding is Z1 and Z2. You simply swap over Z1 and Z2 connections.

**Can electric motors turn both ways?** Simply put, DC motors can turn in either direction (clockwise or counter-clockwise) and can be easily controlled by inverting the polarity of the applied voltage. Strictly speaking, the motors can actually create a force in either direction.

**What is forward and reverse of induction motor?** To change the direction a three phase induction machine rotation, two of its phases needs to be exchanged, thus changing the phase sequence from, say ABC to CBA. This can be accomplished by using two contactors, one for the forward or CW rotation and one for the reverse or CCW rotation.

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