



EXAM PREPARATION GUIDE | Designing Citrix XenDesktop 7 Solutions



# Designing Citrix XenDesktop 7 Solutions

## 1Y0-400 Exam

Preparation Guide 4.0

2 May 2014

**Notice**

Citrix® Systems, Inc. (Citrix) makes no representations or warranties with respect to the content or use of this publication. Citrix specifically disclaims any expressed or implied warranties, merchantability, or fitness for any particular purpose. Citrix reserves the right to make any changes in specifications and other information contained in this publication without prior notice and without obligation to notify any person or entity of such revisions or changes.

© Copyright 2014 Citrix Systems, Inc. All Rights Reserved.

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or information storage and retrieval systems, for any purpose other than the purchaser’s personal use, without express written permission of:

**Citrix Systems, Inc.**

**851 W. Cypress Creek Road  
Ft. Lauderdale, FL 33309  
<http://www.citrix.com>**

**Marks**

The following marks are service marks, trademarks or registered trademarks of their respective owners in the United States and other countries.

Mark	Owner
Citrix®, Citrix Receiver™, Citrix Provisioning Services™, XenDesktop®, XenServer®, Citrix Receiver™, NetScaler®, AppCenter™, XenCenter™, Citrix Studio™, Citrix Director™, Citrix XenClient™, StoreFront™, Machine Creation Services™	Citrix Systems, Inc.
Active Directory®, SQL Server™, NotePad™	Microsoft Corporation
HP®	Hewlett-Packard Development Company, L.P.

**Disclaimer**

This exam preparation guide is designed to provide candidates with necessary information about the exam, including study resources and sample questions which enable candidates to assess the types of questions that may be asked during the Citrix certification exam. Please be aware that the content of this guide in no way ensures a passing score on the certification exam.

**Author**

Charlene Bobb-Smith

**Item Development Team**

Andy Baker  
Craig Pickford  
Daniel Feller  
Daniel Marsh

James Hsu  
Jamie Lin  
Jo Harder  
Neil Spellings  
Robert Zehnder  
Roy Textor  
Sergio Casillas  
Thomas Berger  
Tobiah Grabia  
Todd Hsu  
Tony Zhang

**Subject Matter  
Experts**

Andy Baker  
Craig Pickford  
Daniel Feller  
Daniel Marsh  
James Hsu  
Jamie Lin  
Jo Harder  
Neil Spellings  
Robert Zehnder  
Ralf Donkers  
Roy Textor  
Sergio Casillas  
Thomas Berger  
Tobiah Grabia  
Todd Hsu  
Tony Zhang  
Vesselin Nedevski

## Table of Contents

---

1	The Exam .....	2
1.1	Purpose of the Preparation Guide and Exam .....	2
1.2	Standard Setting.....	2
1.3	Number of Questions.....	3
1.4	Passing Score.....	3
1.5	Time Limit.....	3
1.6	Registration and Administration.....	3
1.7	Certification Tracks .....	3
1.8	Citrix Exam Retake Policies .....	5
1.9	Citrix Candidate Conduct Policy.....	5
1.10	Commenting During Live Exam.....	5
2	The Intended Audience .....	6
2.1	Intended Audience.....	6
3	Preparatory Recommendations for the Exam.....	7
3.1	Introduction .....	7
3.2	Recommended Knowledge and Skills .....	7
3.3	Recommended Product Experience .....	7
3.4	Recommended Course.....	8
3.5	Authorized and Unauthorized Preparation Materials .....	8
4	Exam Sections and Weights .....	9
4.1	Introduction .....	9
4.2	Section Titles and Weights.....	9
4.3	How Section Weights Relate to Questions on the Exam.....	9
5	Exam Objectives and Resources for the Exam .....	11
5.1	Introduction .....	11
5.2	Resources Used to Develop the Exam .....	11
5.3	Sections, Objectives and Testing Aspects.....	12
6	Look and Feel of the Exam .....	15
6.1	Introduction .....	15
6.2	Part One of the Exam.....	15
6.3	Part Two of the Exam.....	15
7	Decision Tree Question Types.....	16
7.1	Introduction .....	16
7.2	Decision Trees Explained .....	16

- 8 Scoring .....19
  - 8.1 Scoring In both Part One and Part Two of the exam, candidates will encounter traditional question types. These questions, which are either multiple-choice single response or multiple response, do NOT have any partial credit. ....19
- 9 The Assessment Document .....23
  - 9.1 Introduction .....23
  - 9.2 Assessment Document Functionality .....23
- 10 FAQs.....24
  - 10.1 FAQs .....24
- 11 Appendix: Practice.....26
  - 11.1 Introduction .....26
  - 11.2 Sample Questions .....26

## 1 The Exam

---

### 1.1 Purpose of the Preparation Guide and Exam

This guide provides a detailed description of the exam, including intended audience and topics covered, as well as direct links to resources used to build the exam, information on how to prepare for the exam and details on the types of questions the exam contains. The guide is intended to help candidates prepare for the 1Y0-400 Designing Citrix XenDesktop 7 Solutions exam. Candidates should read this guide carefully before attempting this exam.

The 400 exam was developed to measure the minimum knowledge and skills required to design an enterprise solution consisting of Citrix XenDesktop 7 running on Windows Server 2012. Passing this exam means a candidate demonstrated the minimum level of knowledge and skills required to analyze and design enterprise solutions consisting of Citrix XenDesktop 7 running on Windows Server 2012.

This exam does not measure deployment and management related skills. It also does not test on features that are only available with Citrix XenDesktop Platinum edition.

---

### 1.2 Standard Setting

Citrix Education regularly beta tests the content of its high stakes certification exams. Once the questions are developed for an exam, Citrix Education releases them in a beta exam for FREE.

The Designing Citrix XenDesktop 7 Solutions (400) exam was beta-tested from July 15-August 6, 2013. A total of 249 candidates (34% from the Americas, 59% from EMEA, 4% from APAC, and 3% from Japan) took it and also completed a survey to determine how much experience they had with XenDesktop 7. A professional then analyzed the exam and survey results to determine which questions should be kept in the final versions of the exam. This analysis provided the basis for a recommended passing score and time limits for the exam. Once the passing score was determined, beta candidates who obtained that score or higher, received a passing result on the exam.

If you are interested in participating in future beta exams, please visit the [Citrix Education SME Hub](#) to create a profile and indicate that you are interested in taking beta exams.

**1.3 Number of Questions**

The 400 exam is a 41-question exam written in English.

**1.4 Passing Score**

The passing score for this exam is 55.

**1.5 Time Limit**

Type of Candidate	Time Limits Allowed	Notes
Native English Speakers	135 minutes	
Non-native English speakers who take exam in countries where English is a foreign language	135 minutes +30 minutes (time extension)	Time extension granted automatically
Non-native English speakers who take exam in countries where English is NOT a foreign language	135 minutes +30 minutes	Must call Pearson VUE or register in person to explicitly request the time extension  <i>A \$7 USD surcharge will be added to phone registrations.</i>

\* The time limit for this exam is 135 minutes. The total seat time is 170 minutes. The total seat time includes times allotted for the NDA and surveys.

**1.6 Registration and Administration**

This exam is administered at Pearson VUE testing centers worldwide. To learn more about the rules and process of taking an exam, please visit <http://training.citrix.com/exams>.

Worldwide, visit the Pearson VUE website ([www.vue.com/citrix](http://www.vue.com/citrix)) to locate a testing center in your area and register for an exam. To register in the United States and Canada, you may also register in person at any Pearson VUE testing center or call 1-800-931-4084. *Note: A \$7 USD surcharge will be added to phone registrations.*

**1.7 Certification Tracks**

The 400 exam is a requirement for the Citrix Certified Expert – Virtualization track.

This exam may also fulfill requirements for advanced certification tracks.  
For the most up-to-date certification information visit  
<http://training.citrix.com/cms/education/certification/>.



**1.8 Citrix Exam Retake Policies**

Candidates must wait 24 hours from their original appointment time before they can register to retake an exam. After a second attempt, and any attempt thereafter, the candidate must wait 14 calendar days to retake the exam. Beta exams may only be taken once.

Citrix Education monitors retake activity for breaches of this policy. Breach of this policy can result in sanctions up to and including a temporary ban from taking Citrix exams and/or decertification.

For more information on the Citrix Exam Retake Policy, please visit <http://training.citrix.com/exams>.

---

**1.9 Citrix Candidate Conduct Policy**

All Citrix Certification candidates are required to read and agree to be bound by the Candidate Conduct Policy. This policy details specific information regarding what Citrix Education defines as cheating and breaches of security. Violations of this policy can result in actions including, but not limited to, classification of scores as invalid, decertification and testing bans.

To review the Candidate Conduct Policy, please visit <http://training.citrix.com/exams>.

---

**1.10 Commenting During Live Exam**

Citrix Education is committed to continually monitoring and updating our exams as needed. As a practice, Citrix Education regularly reviews and revises exams even after closing the beta period. Comments typed into the exam interface during an exam are considered when making decisions about revising questions.

Candidates are encouraged to use the commenting feature to provide feedback to Citrix Education. However, candidates should be mindful of the time used to provide comments on an exam as it will be subtracted from the allocated time of the test. Candidates can refer to the time clock at any time to view and be cognizant of the test time remaining.

---

## 2 The Intended Audience

---

### 2.1 Intended Audience

The 400 exam is focused on those topics that are most important to those who assess and design Citrix XenDesktop 7 solutions. Citrix Education selected these topics based on feedback from subject matter experts (SMEs) who perform these tasks in the field. Those who assess and design XenDesktop 7 solutions may hold various job titles such as:

- Architects
  - Consultants
  - Sales/Systems Engineers
-

## 3 Preparatory Recommendations for the Exam

---

**3.1 Introduction** Citrix Education recommends that prior to taking this exam, candidates have the knowledge, skills and abilities required to analyze and design an enterprise solution that contains Citrix XenDesktop 7 on Windows Server 2012.

---

**3.2  
Recommended  
Knowledge and  
Skills**

Specifically, candidates should have the following knowledge and skills prior to taking this exam:

- Advanced architectural assessment and design skills for:
  - Citrix XenDesktop 7
  - Citrix XenServer 6.2
  - Citrix Provisioning Services 7.0
  - NetScaler 10
  - StoreFront 2.0
- Knowledge of network operating systems, including security, implementation, and administration
- Citrix methodology and best practices for analysis and design
- Core design principles
- Intermediate knowledge of:
  - General networking skills
  - Change control process
  - Project management
  - Risk assessment
- Advanced knowledge of:
  - Users/user group structure
  - Application delivery
  - Disaster recovery
  - Policies/policy structures and security restrictions
  - Licensing

**3.3  
Recommended  
Product  
Experience**

We recommend that candidates have about six months of experience with the following tasks in a XenDesktop 7 solution:

- Assessing the current environment
- Planning and risk assessment
- Analyzing the current environment
- Designing an integrated virtualization solution

- Designing and documenting the infrastructure solution
  - Designing and documenting the security infrastructure
- 

### 3.4 Recommended Course

Citrix Education recommends that candidates have hands-on experience with XenDesktop 7 prior to taking this exam. One of the best ways to do this is by taking a formal Citrix training course. The following course provides training on assessing and designing Citrix XenDesktop 7 solutions.

- CXD-400 Designing App and Desktop Solutions with Citrix XenDesktop 7 (instructor-led training course or self-study)

As with all Citrix exams, it is recommended that candidates get hands-on experience by working directly with the products covered on the exam.

While this hands-on experience can be done on the job, Citrix Education official courses offer a safe and robust environment to learn these tasks. Thus they are one of the best ways to prepare for the exam.

---

### 3.5 Authorized and Unauthorized Preparation Materials

**Citrix Education now offers practice exams to help you prepare for your certification exams.** Please click this link to learn more about this exciting new offering: <http://training.citrix.com/cms/education/practiceexams>.

While there are companies who advertise practice tests and have a money-back guarantee that customers will pass the exam, most of these companies are selling unauthorized preparation materials that include stolen exam questions and answers.

Citrix Education continuously monitors these sites, and when possible, takes appropriate actions.

Citrix Education also monitors exam results to ensure that candidates are not using unauthorized materials to prepare for exams. If it is determined that a candidate used unauthorized materials to prepare for an exam, the candidate's score will be invalidated and his or her certification will be revoked.

When looking for materials in addition to authorized Citrix practice exams and training to prepare for certification, Citrix Education recommends visiting <http://www.certguard.com> to verify the legitimacy of the site. This site flags sites that are acting as brain dumps.

## 4 Exam Sections and Weights

**4.1 Introduction** The 1Y0-400 exam is divided into number (6) sections.

Each section of the exam is weighted as follows, totaling 100%.

**4.2 Section Titles and Weights**

Section	Weight
Assessing the Current Environment	21%
Planning and Risk Assessment	5%
Analyzing the current environment	11%
Designing an integrated virtualization solution	39%
Designing and documenting the infrastructure solution	11%
Designing and documenting the security infrastructure	13%
<b>Total</b>	<b>100%</b>

**4.3 How Section Weights Relate to Questions on the Exam**

The section weights included in this guide are intended to help you in understanding how much of the exam is devoted to the topics listed. In fact, the percentages directly map to the number of questions on the exam. For example, if an exam has 60 questions, and Section 1 is weighted at 50%, then 30 of the questions on the exam will relate to Section 1 ( $60 * 50\% = 30$ ).

Please be warned that section weights are NOT used to calculate your score. Scoring is far more complicated as exam questions may be given different weights based on their overall importance. Because some questions may have different point values assigned to them, section weights and exam scores do not always have a one-to-one correlation.

For example, in an exam where each question is worth one point, a candidate's exam score can be calculated using the arithmetic mean. The candidate's final score would be:

Section	Number of Questions	Maximum Points per Question	Number of Questions Correct	Percentage Score per Section	Arithmetic Mean Score ((Section 1 + Section 2)/2)
1	4	1	2	50%	

2	8	1	4	50%	$=(50\%+50\%)/2 = 50\%$
---	---	---	---	-----	-------------------------

In the example above, the arithmetic mean worked. However, if the same concept is used with questions that are weighted differently, that is, they have different maximum point values, this calculation would not work. See the example below.

Section	Number of Questions	Maximum Points per Question	Number of Questions Correct	Percentage Score per Section	Arithmetic Mean Score ((Section 1 + Section 2)/2)
1	10	1	7	70%	$=(70\%+30\%)/2 = 50\%$
2	10	10	3	30%	

The final score produced above is incorrect because 30 points in Section 2 weigh far more than 7 points in Section 1. On Citrix exams, we tend to calculate the final score as a percentage of:

$$\text{Total Points Earned} / \text{Total Points Possible}$$

Which means, the correct score should be:

$$(7 * 1) + (3 * 10) / (10 * 10) + (10 * 1)$$

Which is equal to: 37/110

And thus, the final score is 34%.

For more information on how scoring works in Citrix exams read the blog [The Scoring Secrets for Citrix Exams – Divulged](#).

## 5 Exam Objectives and Resources for the Exam

**5.1 Introduction** All questions on this exam were developed based on objectives and testing aspects identified by subject matter experts. Exam objectives and testing aspects are used to focus the exam on the most important concepts. The objectives and testing aspects for this exam can be found in section 5.3.

In this guide we list all of the objectives and testing aspects and provide you with suggested reading material to help prepare for the exam. In some cases, the tasks require that candidates have field experience including hands-on experience analyzing and designing Citrix XenDesktop 7 in enterprise solutions. By obtaining this experience, candidates are more likely to pass this exam.

The following resources were used to develop this exam:

**5.2 Resources Used to Develop the Exam**

Citrix eDocs	
XenDesktop 7	<a href="http://support.citrix.com/proddocs/topic/xendesktop/cds-xd-7/landing-page.html">http://support.citrix.com/proddocs/topic/xendesktop/cds-xd-7/landing-page.html</a>
Provisioning Services 7	<a href="http://support.citrix.com/proddocs/topic/provisioning-7/pvs-provisioning-7.html">http://support.citrix.com/proddocs/topic/provisioning-7/pvs-provisioning-7.html</a>
StoreFront 2.0	<a href="http://support.citrix.com/proddocs/topic/dws-storefront-20/dws-version-wrapper.html">http://support.citrix.com/proddocs/topic/dws-storefront-20/dws-version-wrapper.html</a>
Knowledge Base Articles	
Citrix Virtual Desktop Handbook (CTX136546)	<a href="http://support.citrix.com/article/CTX136546">http://support.citrix.com/article/CTX136546</a>
Citrix Training Course	
CXD-400 Designing App and Desktop Solutions with Citrix XenDesktop 7	<a href="http://training.citrix.com">http://training.citrix.com</a>
Other	
Project Accelerator	<a href="http://project.citrix.com">http://project.citrix.com</a>

\*Links are subject to change

5.3  
Sections,  
Objectives and  
Testing  
Aspects

Section 1: Assessing the Current Environment		
Objective Number	Objective	Testing Aspect
1.01	Identify the user types and the tasks they perform, as well as their needs and the permissions they require	What
1.02	Assess the condition and specifications of hardware components in the environment, including the current hardware configurations and hardware constraints	What
1.03	Assess the configuration and constraints of the current environment, including desktops and applications configurations and constraints	What
1.05	Assess the printing infrastructure, including the printing needs, configuration of printers, the model of printers in use, and the types of printer drivers implemented in the environment	What
1.06	Assess the current imaging, provisioning, and deployment strategy for servers and desktops, as well as applications and web content	What
1.07	Assess the disaster recovery strategy in the current environment, including the backup and restore procedures in place, the types of data that is backed up, and the frequency at which data is backed up and backed up data is tested	What
1.08	Identify business drivers	What
1.09	Capture data, including user, application, and other pieces of information pertaining to the environment	How For Whom From Where
1.10	Identify the types of applications in the environment, the groups that use them, and the requirements for each application	What
Section 2: Planning and Risk Assessment		
Objective Number	Objective	Testing Aspect
2.01	Identify issues and categorize them according to risk level	What Why How
2.02	Ensure full documentation of the data capture	What



Section 3: Analyzing the Current Environment		
Objective Number	Objective	Testing Aspect
3.01	Analyze the data captured and identify infrastructure barriers to success in the current environment	What
3.02	Analyze the user experience in the current environment, including the policies and profiles in effect	What
3.03	Analyze the current authentication process for local and remote users	What is in place
3.04	Analyze the desktop, application, and remote access needs of users in the environment	What
Section 4: Designing an Integrated Virtualization Solution		
Objective Number	Objective	Testing Aspect
4.01	Understand user experience virtualization, including recommending and creating location of home folder and profile servers and folder redirection	How
4.02	Recommend licensing	What
4.03	Recommend the configuration and sizing of the new environment, including resource pool configuration and sizing, number of servers and number of storage LUNs to use, amount of bandwidth, number of networks and NIC bonds, etc.	What
4.04	Design virtual desktop solution	How
4.05	Design the virtual application solution	How
4.06	Determine the Flexcast models	What to configure
4.07	Design the provisioning infrastructure, including storage and network requirements	What
4.08	Design the image management process for server OS-hosted desktops and apps and desktop OS-hosted desktops and apps	How
4.09	Design the monitoring solution	How to configure
4.10	Design Citrix policies around methods of access, user connectivity and user performance	How
4.11	Design StoreFront with high availability and multiple store types or controller types	How
4.12	Determine the database requirements	What

4.13	Determine the storage and IOPS requirements	What
<b>Section 5: Designing and Documenting the Infrastructure Solution</b>		
<b>Objective Number</b>	<b>Objective</b>	<b>Testing Aspect</b>
5.01	Design the network architecture and specify requirements for bandwidth, network optimization, redundancy and isolation	What How Why
5.02	Specify the Citrix components to implement in order to meet specific business needs, as well as the number of each component and the placement of each component	What How Why
<b>Section 6: Designing and Documenting the Security Infrastructure</b>		
<b>Objective Number</b>	<b>Objective</b>	<b>Testing Aspect</b>
6.01	Specify the appropriate methods for securing the new implementation, including securing HDX (ICA) traffic and client connections to desktops and applications	What How Why
6.02	Design a monitoring strategy for auditing and security	What How Why
6.03	Specify how antivirus should be implemented in the virtual environment	How
6.04	Specify how GPOs should be used to control user experience, including how they should be applied, how many should be configured to implement specific requirements, etc.	How to configure

## 6 Look and Feel of the Exam

---

**6.1 Introduction** This exam is separated into two parts. Part One contains multiple-choice questions. Part Two contains decision tree questions.

---

**6.2 Part One of the Exam** Part One of the exam will focus on the analysis and design of a fictitious enterprise customer's environment, which is described in detail in an assessment document that is included in the exam. All Part One questions will be presented through traditional question types such as multiple-choice single response and multiple response questions.

During Part One of the exam, test-takers will be allowed to navigate back and forth through the questions as well as mark questions for review. Once the test-taker reaches the end of Part One, there will be an opportunity to review all marked questions, as well as any incomplete questions shown in the review screen.

**Once the test-taker has reviewed and answered all questions in Part One, he or she will need to end that part of the exam in order to move to Part Two. Once in Part Two, test-takers will NOT be allowed to navigate back into Part One.**

---

**6.3 Part Two of the Exam** Part Two of the exam will also focus on assessment and design decisions that need to be made by the test-taker in order to satisfy the needs of the fictitious enterprise customer's environment. Part Two will combine the use of traditional question types as well as decision tree questions. The decision tree question type is described in the next section.

**During Part Two of the exam, test-takers will NOT be allowed to navigate backwards to previous questions within Part Two. Once a test-taker has chosen an answer option and moved forward, the decision is considered final. Once the test-taker reaches the end of Part Two, there will NOT be a review screen because backwards navigation has been disabled for Part Two.**

---

## 7 Decision Tree Question Types

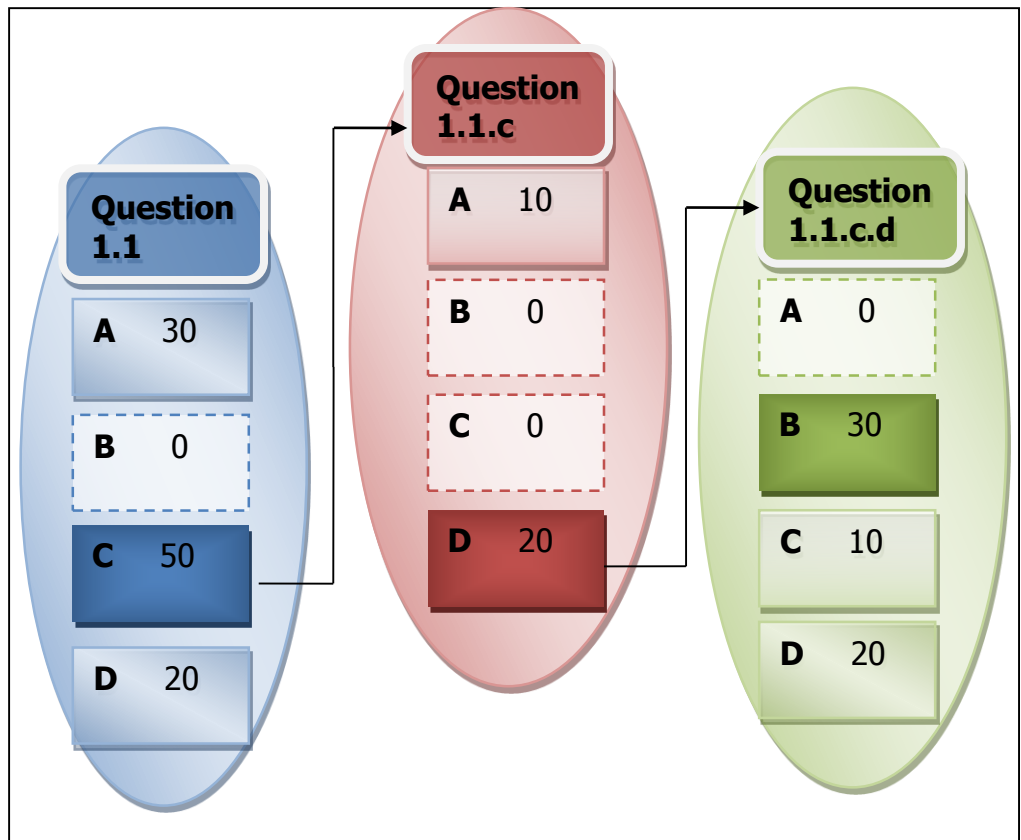
### 7.1 Introduction

This exam includes 14 decision tree questions. The purpose of this section is to discuss decision tree questions, as they are less common to Citrix exams. This section of the preparation guide provides a tutorial on the user interface, scoring and answering rules for this unique question type.

### 7.2 Decision Trees Explained

A decision tree is a question that consists of a group of three questions related to one decision; each of the questions in the question is predicated upon a specific answer to a previous question. Therefore, one decision is equal to three related multiple-choice questions.

For a graphical depiction of this concept, please refer to Figure 7.2.a:



**Figure 7.2.a: Decision Tree breakdown**

In Figure 7.2.a, a test-taker selected option C as his or her answer to question 1.1 and, as a result, received question 1.1.c. The test-taker chose option D as his or her answer to question 1.1.c; therefore, question 1.1.c.d was delivered.

Given that test-takers can respond in any one of four ways to the first question in a decision, there are a number of possible follow-up questions they may receive. Test-takers will not see all possible follow-up questions.

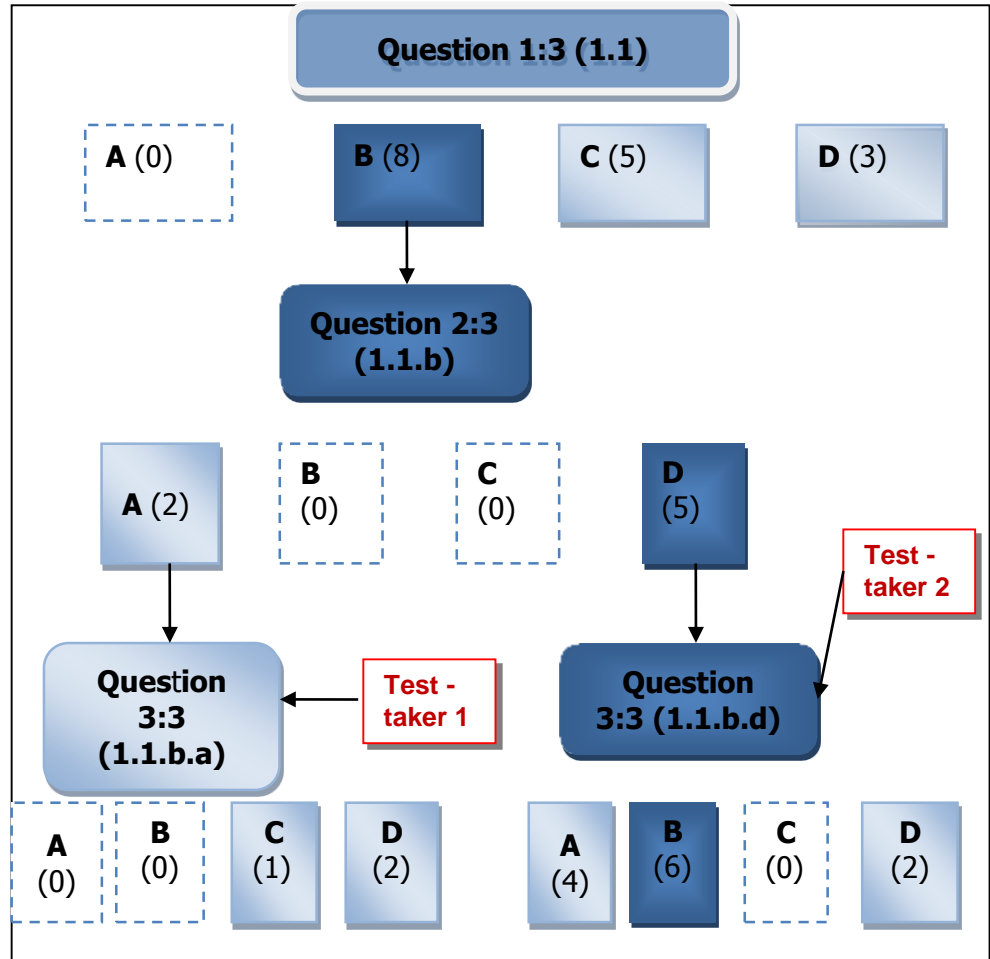
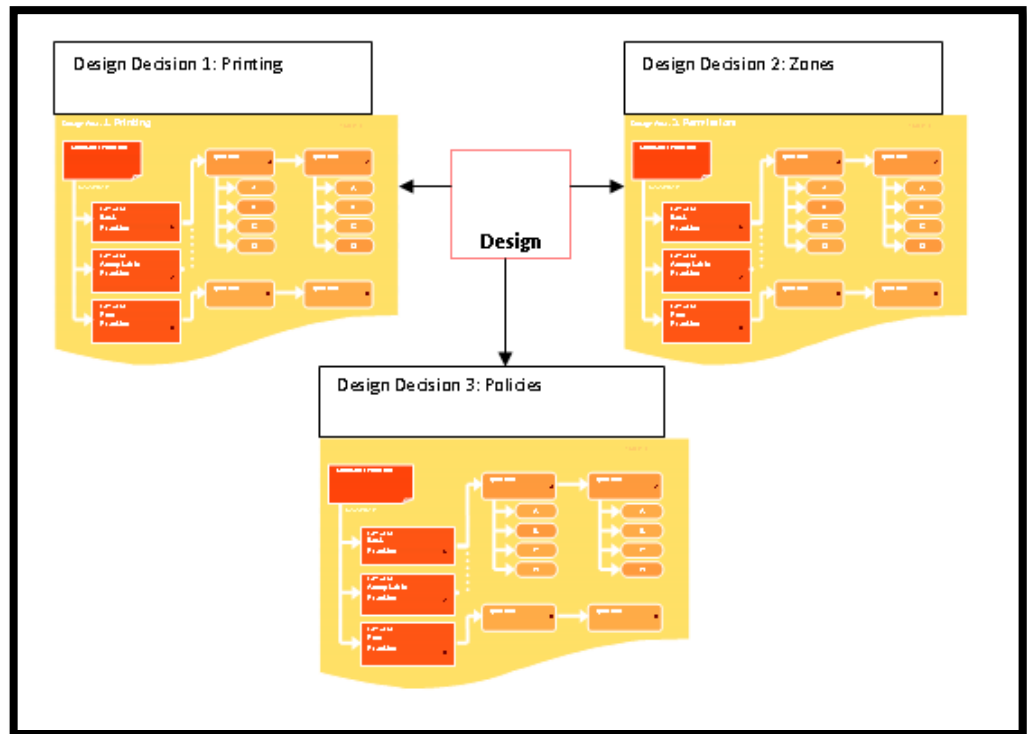


Figure 7.2.b Represents a graphical depiction of this concept.

Depending on the answer submitted to the first question in a decision (1.1 in this example) the test-taker receives a particular second question (1.1.b in this example), and depending on his or her answer to the second question, he or she receives a particular third question.

### Individual Decisions

Each of the 14 decision trees in Part Two of the exam are self-contained and represent a particular analysis or design area. Most areas will have either two or three decision trees. Note that decisions made in Part Two of the exam will not affect one another; they are scored independently of one another. An example is provided below.



**Figure 7.2.c: Self-Contained Decisions**

In Figure 7.2.c, there are three distinct design decisions—printing, zones and policies. If exam-takers submit an incorrect response to decision 1—printing in this example—they still will be presented with decision 2—zones in this example. Test-takers must choose from a predetermined set of decisions.

## 8 Scoring

---

### 8.1 Scoring

In both Part One and Part Two of the exam, candidates will encounter traditional question types. These questions, which are either multiple-choice single response or multiple response, do NOT have any partial credit.

However, in Part Two of the 400 exam, each decision has at least one best, one poor, and, in some cases, one or more acceptable option(s). Depending on the decision, there may be multiple acceptable decisions available with varying point values assigned. Depending on their selections, test-takers can earn maximum, partial, or no credit for any given question within a decision.

Test-takers can earn the maximum score when they select the best option for each question in a decision. If test-takers submit the best answer for the first question, and then submit the best answer for the first follow-up question related to that decision, and finally the best answer for the second follow-up question, then they will obtain the maximum score for that decision.

In Figure 8.1.a, a test-taker obtains the maximum score.

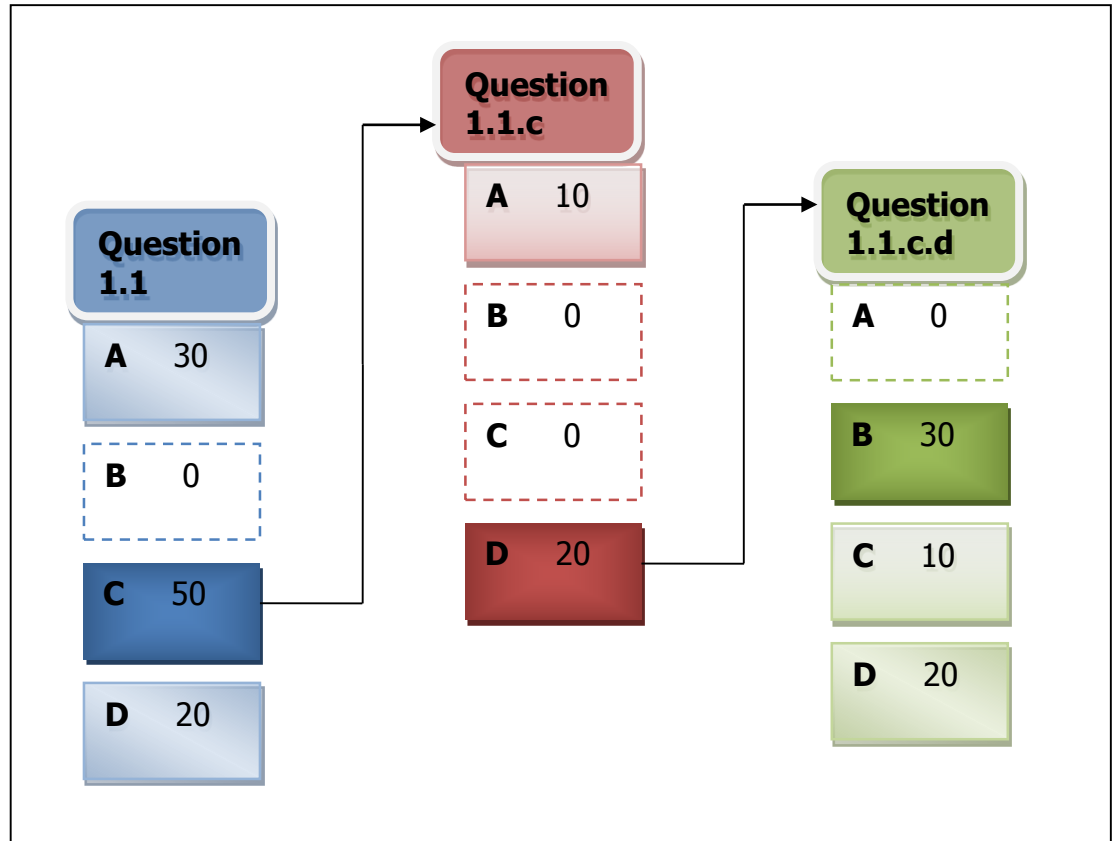


Figure 8.1.a: Maximum Points

In this example, the test-taker earned a maximum score of 100 points by choosing the best answer for the first question (worth 50 points); the best answer for the first follow-up question (worth 20 points); and the best option for the second follow-up question (worth 30 points) in the group. **Note: These numbers are meant to serve as examples only and do not reflect actual values.**

Depending on choices made within a decision, scores will vary. See Figure 8.1.b for an example.

In Figure 8.1.b:



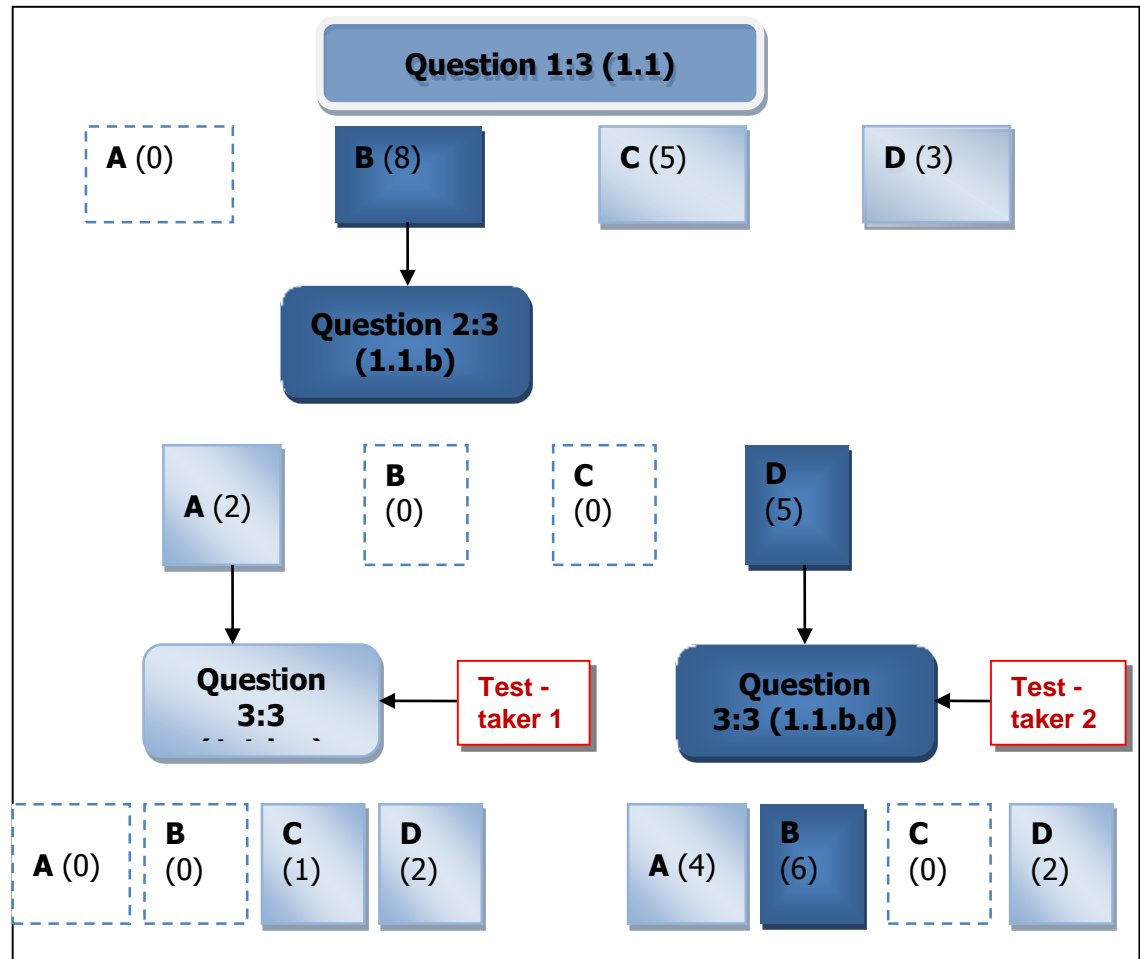


Figure 8.1.b: Paths of Different Test-takers

(1) Test-taker 1 submits the best answer for question 1.1, then later submits an acceptable answer for the corresponding follow-up question, 1.1.b., and, finally, an acceptable answer for the corresponding follow-up question, 1.1.b.a., and earns a total of eleven (11) points for this decision. Option B for question 1.1 is worth 8 points; option “A” for question 1.1.b is worth 2 points; and option C for question 1.1.b.a is worth 1 point.

(2) Test-taker 2 submits the best answer for question 1.1, then also chooses the best answer for the corresponding follow-up question, 1.1.b., and a best answer for the final corresponding follow-up question, 1.1.b.d, and obtains the maximum— 19 points—for this decision. Option B for question 1.1 is worth 8 points; option D, which is the best answer for question 1.1.b, is worth 5 points; and option B, which is the best answer for question 1.1.b.d, is worth 6 points.

While both test-takers started on the same path by selecting the same answer for the first question, they are awarded different points based on their subsequent responses to the follow-up questions.

If test-takers do not select the best answer for the first question, maximum points can no longer be earned for that particular decision. For example, once a test-taker submits an acceptable (not best) answer for the first question, he or she will no longer be able to obtain the maximum points for that particular decision. Even if the test-taker responds correctly (the best answers) to the second and third questions, he or she will only obtain partial credit for that decision.

On the same decision depicted in Figure 8.1.b on the previous page, if test-taker 3 submits an acceptable answer for question 1.1 (in this case either option C worth 5 points OR option D worth 3 points), test-taker 3 will receive only partial points for question 1.1 and, consequently, for the corresponding follow-up questions within that decision.

On the same decision depicted in Figure 8.1.b on the previous page, if test-taker 4 submits a poor answer for question 1.1 (in this case option A worth 0 points), test-taker 4 earns no points for question 1.1 and, consequently, for the corresponding follow-up questions within that decision. **If test-takers select a poor answer (worth 0 points) for the first question, no points can be earned for that particular decision.**

## 9 The Assessment Document

---

### 9.1 Introduction

Essential to the 400 exam is the assessment document that provides details about the environment of a fictitious enterprise customer's environment. The document is available to test-takers throughout the exam and can be launched by clicking a button labeled 'Assessment Document' in the bottom left side of the test screen in the Pearson VUE environment. **Test-takers will need to refer to this document throughout the exam and are encouraged to take notes on their choices, as design decisions must be made to meet the needs of the given enterprise environment.**

---

### 9.2 Assessment Document Functionality

The search functionality is not supported within this document. Candidates can scroll up and down the document and locate a section of interest by using the horizontal bar on the right side of the screen just as they would when navigating a web page, for example.

---

## 10 FAQs

### 10.1 FAQs

Question	Answer
<p>Can I skip questions if I am unsure of the answer?</p>	<p>Yes, but only in Part One of the exam. In Part Two of the exam test-takers are not allowed to navigate backwards; therefore if a test-taker were to skip a question in Part Two he/she would automatically get the answer wrong. In order to prevent test-takers from accidentally moving forward we have disabled skipping in Part Two.</p>
<p>How do I access the assessment document to answer questions in the exam?</p>	<p>In order to access the assessment document, test-takers must click on the Assessment Document button in the bottom left side of the screen (<b>see Figure 7.3</b>). The assessment document will appear with multiple tabs for each page.</p>
<p>Can I search for keywords in the assessment document?</p>	<p>At the moment, searching for keywords is not supported.</p>
<p>What do I do if I accidentally select the wrong answer in a decision tree and move forward to the next question in the tree?</p>	<p>Test-takers cannot go back to change their response to a question within a decision tree after clicking the Submit button. This is why it is extremely important for test-takers to be absolutely sure of their answers before clicking Submit and moving forward to the next question in a decision tree. However, since there are several paths test-takers can take to receive partial credit, it is strongly suggested that test-takers complete all three questions within a decision tree even if they feel they have</p>

	<p>accidentally submitted a wrong answer, as points may still be available.</p>
<p>How were the point values assigned to the decision tree questions?</p>	<p>Subject matter experts (SMEs) outlined the absolute correct answers (i.e., best practices), as well as other possible answers that were deemed acceptable. Based on that designation, points were assigned to each answer based on its effectiveness for solving the problem/answering the question.</p>

## 11 Appendix: Practice

---

### 11.1 Introduction

Exam-takers should refer to the objectives and testing aspects listed in section 5 of this guide in order to determine not only which topics will be on the exam but also *how* these topics will be tested.

For example, if the **objective** reads, "*Identify the appropriate Receiver type to use,*" and the **testing aspect** reads, "*When,*" exam-takers should expect to see:

- A "scenario describing the need to install a specific Receiver type"
  - **Scenario:** *XenDesktop was recently implemented in an environment. A Citrix Administrator in the environment needs to tell the end users which Citrix Receiver type to install in order to access their XenDesktop resources. The end users in the environment will need to hosted applications through Receiver for Web.*
- A question that requires you to "determine which Citrix Receiver type to install" based on the scenario
  - *Which Citrix Receiver type should the administrator instruct the end users to install?*

The objectives and testing aspects for this exam were developed by Exam Project Managers and subject matter experts based on identified tasks that relate to analyzing and designing a Citrix XenDesktop 7 solution. The number of questions written for each objective relates directly to the importance of that objective as it relates to the analysis and design, and is proportional to how frequently that task is performed.

---

### 11.2 Sample Questions

#### Sample Question 1

What should the architect recommend to ensure that the network design minimizes internal WAN traffic?

- A. Each XenDesktop site should be installed in all datacenters.
- B. Citrix CloudBridge should be implemented in each datacenter.
- C. NetScaler with load balancing should be used in each location.
- D. SQL Server mirroring should be implemented for all databases.

Answer: B

Objective: 5.01 Design the network architecture and specify requirements for bandwidth, network optimization, redundancy and isolation

Testing Aspect: How

---

### Sample Question 2

**Scenario:** An architect is designing a Citrix delivery solution to provide internal and remote access using NetScaler. The solution must ensure that there is no single point of failure, provide single-image management, and minimize the number of required components.

Which two component combinations should the architect recommend? (Choose two.)

- A. Two Delivery Controllers
- B. Four Delivery Controllers
- C. Machine Creation Services
- D. Citrix Provisioning Services

Answer: A, C

Objective: 5.02 Specify the Citrix components to implement in order to meet specific business needs, as well as the number of each component and the placement of each component

Testing Aspect: What

---