



NCPDP
SCRIPT Standard v10.6 Exam
Study Guide

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Introduction

This study guide is designed to prepare professionals for the SCRIPT Standard v10.6 certification exam. This certification exam shall test the knowledge of the NCPDP SCRIPT Standard including NCPDP XML and EDIFACT-based transactions used in electronic prescribing. Further, this Standard provides general development and implementation guidelines for to those who wish to provide business functionality of NCPDP XML and EDIFACT-based transactions to their clients.

Benefits

NCPDP's Certifications are designed to help professionals achieve and showcase industry-recognized levels of proficiency and mastery of specific NCPDP standards. The NCPDP Certification Program provides members and qualifying non-members an opportunity to obtain a distinguished certification based on their ability to demonstrate knowledge and understanding of the accurate and effective implementation of NCPDP Standards.

NCPDP is a nationally recognized leader in creating numerous industry standards for the implementation of healthcare information exchange (HIE). Upon successful completion of the specified certification exam, the examinee's certificate will state which Standard exam was successfully passed, e.g. NSC (NCPDP SCRIPT Certified). Certifications will be awarded by NCPDP and will enhance standing and provide credibility in the industry among peers. The NCPDP standard certifications can only be obtained through NCPDP and will not be available through a secondary resource.

Preparing for the Exam

NCPDP understands that the documentation utilized to implement the standard is voluminous and typically takes implementers some time to fully comprehend content. This study guide is meant to offer examinees direction on key areas to study but not limit the scope to just the study guide content. Keep in mind, the SCRIPT Standard v10.6 certification exam encompasses all NCPDP SCRIPT Standard v10.6 documentation, as listed here:

- Data Dictionary, 2008
- External Code List, October 2008
- SCRIPT Implementation Guide, v10.6, June 2011
- SCRIPT Implementation Recommendations document
 - Updated every quarter
 - Can be found on the certification web page here:
<http://www.ncdp.org/Education/Certification-Program>

Exam questions were pulled from this documentation and sorted into topic areas. The following table lists the topic areas and percentages of questions delivered in each topic area. See Exam Objectives section for subtopics.

Topic Area	% of Exam
General	11%
Content	35%
Process	24%
Best Practices	7%
Long Term Care	7%
Format	16%

Transaction Types

For convenience, the transaction types included in the certification exam are explicitly listed here. See NCPDP SCRIPT Standard documentation for complete details.

Cancel Prescription Request (CANRX)	Prescription Change Request (RXCHG)
Cancel Prescription Response (CANRES)	Prescription Change Response (CHGRES)
Census (CENSUS)	Prescription Fill Status Notification (RXFILL)
Error Response (ERROR)	Refill Prescription Request (REFREQ)
Get Message (GETMSG)	Refill Prescription Response (REFRES)
Medication History Request (RXHREQ)	Resupply (RESUPP)
Medication History Response (RXHRES)	Status Response (STATUS)
New Prescription (NEWRX)	Verification (VERIFY)
Password Change (PASCHG)	

Important! Study Methods

Examinees should consider spending extended study time on areas where least experienced and sections related to Content or Process since these are areas of major emphasis in the exam. For example, please review information found in the following sections of the SCRIPT Implementation Guide thoroughly:

- 6. Transactions
- 9.1 Segment Usage in Each Transaction

The following study methods are recommended:

- (1) Use the Exam Objectives (section below) as a starting point on a study approach.
- (2) Study the NCPDP SCRIPT Standard documentation, and use them in preparing for the examination.
- (3) This is not an examination of your current job; it covers the entire NCPDP SCRIPT Standard.

Note: Be sure to get the benefit of those with experience and knowledge in areas where you are least experienced!

Taking the Exam

The following information contains pertinent details about the exam itself, how to take it, and receive test results.

- The exam consists of 70 questions
 - Multiple Choice, Multiple Selection, True/False
 - Passing Grade: 138 points = 76.66%
 - Total possible points: 180
- Allotted time for completion is 90 minutes
- Exams are administered via computer, not on paper
 - **NOTE: You must provide your own computer.** The list of system requirements can be found by using the following link:
<http://www.ncpdp.org/NCPDP/media/pdf/NCPDPProctoredExamLaptopRequirements.pdf>
- **NOTE: The Webassessor program will lock down your computer so access to any outside program is prohibited. The assessment program is very sensitive so if you accidentally press Escape or any other function key, Webassessor will lock you out of the exam. You will NOT lose any progress but the proctor will have to log you back in to continue.**
- This exam can be taken in any of the following three ways:
 - NCPDP Proctored Exam at Quarterly NCPDP Work Group Meetings (February, May, August, November)
 - Online Proctored Exam
 - The test taker guide for online proctoring can be found using the following link:
<http://www.ncpdp.org/NCPDP/media/pdf/OnlineProctoredPreparingForYourExam.pdf>
 - Kryterion Testing Center
- After exam completion, your score will be immediately displayed on your screen. Within 2 weeks of successfully passing the exam, your Official Certificate of Completion will be mailed to you. If you do NOT pass the exam, you may retake it at any time.

Exam Objectives

General	11% of exam
<i>Task: Demonstrate a broad understanding of the history, development, and use of the NCPDP SCRIPT Standards v10.6.</i>	
1. Why was the SCRIPT Standard designed?	
2. Which versions of the supporting documentation to the SCRIPT Standard should be utilized?	
3. Which Federal regulations name the SCRIPT Standard?	
4. Detailed understanding of the SCRIPT Standard conventions	
Content	35% of exam
<i>Task: Demonstrate a global understanding of the standard's "infrastructure" as related to data</i>	

<i>elements, message types, and intended message purposes.</i>	
1. Detailed information about the Patient and Prescriber sections of the SCRIPT Standard	
2. Authentication Parameters	
3. Transaction Types	
4. Transaction Requirements	
5. Data and Terminology Sets	
6. Identifiers	
Process	24% of exam
<i>Task: Demonstrate a thorough understanding of the requirements for the use of ePrescribing message types and why they were developed.</i>	
1. Prescription transmission	
2. Requirements for the various ePrescribing message types	
3. Compound Prescriptions	
4. What entities or stakeholders are integral parts of the prescription transaction process?	
5. Transaction Types	
6. Transaction Requirements	
7. Data and Terminology Sets	
8. Functionality	
Best Practices	7% of exam
<i>Task: Demonstrate a broad understanding of the industry best practices in successful utilization and implementation of the various transactions, related segments, and fields within SCRIPT Standard v10.6.</i>	
1. Transaction Types	
2. Transaction Requirements	
3. Data Elements	
4. Medication Segments	
5. Free Text Fields	
6. Observation Segment	
Long Term Care (LTC)	% of exam: 7%
<i>Task: Demonstrate how specific transaction types can be applied in the Long Term Care setting for the unique needs encountered in that environment.</i>	
1. Controlled Substance Prescribing and Dispensing	
2. Resupply Transactions	
3. Census Transactions	
4. Transaction Requirements	
5. Differences between retail & LTC patient	
6. Differences between retail & LTC NewRx	
Format	16% of exam
<i>Task: Demonstrate an understanding of the field attributes for the various message types, including restrictions and requirements for the data elements.</i>	
1. Mandatory Segments	
2. Drug Fields	
3. Transaction Types	
4. Field Length	
5. Alpha/Numeric Fields	

Sample Questions

The following three questions are examples of what will be seen on the SCRIPT Standard v10.6 certification exam. The exam consists of three question types: multiple choice, multiple selection, and true/false. Answers are provided separately.

Multiple Choice

Which if the following is a required data element in a New Prescription (NEWRX) message?

- A. The Days' Supply
- B. Note Field
- C. Product/Service Substitution
- D. Diagnosis Code
- E. Product Dispensed

Multiple Selection

In Long Term Care, SCRIPT Standard v10.6 supports up to two occurrences of the Patient Identification element. What identifiers are recommended for use? Select all that apply.

- A. PatientAccountNumber
- B. MedicalRecordIdentificationNumberEHR
- C. SocialSecurity, where allowed by law
- D. MedicaidNumber
- E. All the above

True/False

When the intended Sig exceeds the character limitation of the Sig field, the recommended Best Practice is to include the balance of the Sig in the <Note> (or Free Text) field.

Answer Key (answers are bolded)

Multiple Choice

- A. The Days' Supply
- B. Note Field
- C. Product/Service Substitution**
- D. Diagnosis Code
- E. Product Dispensed

Multiple Selection

- A. PatientAccountNumber**
- B. MedicalRecordIdentificationNumberEHR**

- C. **SocialSecurity, where allowed by law**
- D. MedicaidNumber
- E. All the above

True/False

- A. True
- B. False**