

# DVT Detailed Results File

## Communication Overview:

[Association Accept](#)

[N-CREATE-RSP](#)

## Session Details

Session ID: 1  
 Session Title: Modality Performed Procedure Step SCU  
 Application Entity Name: DICOM  
 Application Entity Version: 3.0  
 Tester: DVT  
 Test Date: 6/27/2021 9:16:47 AM

### Script Name:1.ds

*Executing DICOMScript: 1.ds*

## Example DVT Dicom Script

##

## SCU MPPS DICOMScript: 1.ds

##

## Pre-conditions:

## - no association

##

## Test Scenario:

## - send association for Modality Performed Procedure Step Service Class

## - little endian implicit VR

## - expect accept association - Result/Reason = 0 - success

## - send N-CREATE-RQ Modality Performed Procedure Step - "IN PROGRESS"

## - expect N-CREATE-RSP - status = 0000 (success)

## - send association release request

## - expect association release response

##

## Expected Result:

## - SCU signals MPPS "IN PROGRESS"

##

## Post-conditions:

## - no association

##

TCP/IP - Connecting to remote host "192.168.0.100" using unsecure port number 4447 ...

SEND ASSOCIATE-RQ (09:16:47)

### Send: A\_ASSOCIATE\_RQ Message

Protocol Version: 1

Called AE Title: SCOTTI\_CUSTOM2

Calling AE Title: DVTK\_MPPS\_SCU

Application Context: 1.2.840.10008.3.1.1.1

Presentation Context Item(s):

Presentation Context ID: ID: 1

> Abstract Syntax: 1.2.840.10008.3.1.2.3.3

> Transfer Syntax: 1.2.840.10008.1.2

## User Information:

- > Maximum Length: 16384
- > Implementation Class UID: 1.2.826.0.1.3680043.2.1545.1
- > Implementation Version Name: DVT2.6

**RECEIVE ASSOCIATE-AC (09:16:47)****Received: A\_ASSOCIATE\_AC Message**

Protocol Version: 1

Called AE Title: SCOTTI\_CUSTOM2

Calling AE Title: DVTK\_MPPS\_SCU

Application Context: 1.2.840.10008.3.1.1.1

Presentation Context Item(s):

*Presentation Context ID: ID: 1*

- > Result: 0
- > Abstract Syntax: 1.2.840.10008.3.1.2.3.3
- > Transfer Syntax: 1.2.840.10008.1.2

## User Information:

- > Maximum Length: 16382
- > Implementation Class UID: 1.2.826.0.1.3680043.9.3811.1.5.7
- > Implementation Version Name: PYNETDICON\_157

**VALIDATE ASSOCIATE-AC****Validate: A\_ASSOCIATE\_AC Message**

Protocol Version: 1

Called AE Title: SCOTTI\_CUSTOM2

Calling AE Title: DVTK\_MPPS\_SCU

Application Context: 1.2.840.10008.3.1.1.1

Presentation Context Item(s):

Presentation Context: ID: 1

- > Result: 0(acceptance)
- > Abstract Syntax: 1.2.840.10008.3.1.2.3.3(Modality Performed Procedure Step SOP Class)
- > Transfer Syntax: 1.2.840.10008.1.2 (Implicit VR Little Endian)

## User Information:

- > Maximum Length: 16382
- > Implementation Class UID: 1.2.826.0.1.3680043.9.3811.1.5.7
- > Implementation Version Name: PYNETDICON\_157

**SEND N-CREATE-RQ Modality Performed Procedure Step SOP Class (09:16:47)***Automatic Type 2 Attribute population from Definition applied to: Modality Performed Procedure Step SOP Class***Send:*****N-CREATE-RQ***

(0x00000000,"0x00000074") # Group 0000 Length

(0x00000002,"1.2.840.10008.3.1.2.3.3") # Affected SOP Class UID

(0x00000100,"0x0140") # Command Field

(0x00000110,"0x0004") # Message ID

(0x00000800,"0x0000") # Data Set Type

(0x00001000,"1.2.826.0.1.3680043.2.1545.1.1624803407.0.755") # Affected SOP Instance UID

*(0x00080060,"CR") # Modality*

```

(0x00081032,
# Item Number 1
# (0xFFFE000, UNDEFINED) # ItemIntroducer
  >(0x00080100,"PC-1") # Code Value
  >(0x00080102,"DVT") # Coding Scheme Designator
  >(0x00080104,"Procedure Code 1") # Code Meaning
# (0xFFFE00D, 0) # ItemDelimiter
# (0xFFFE0DD, 0) # SequenceDelimiter
) # Procedure Code Sequence with length of: 0
(0x00100010,"Doe^John") # Patient's Name
(0x00100020,"P123456") # Patient ID
(0x00100030,"19501123") # Patient's Birth Date
(0x00100040,"M") # Patient's Sex
(0x00200010,"RPID") # Study ID
(0x00400241,"AE_CR1") # Performed Station AE Title
(0x00400242,"CR1") # Performed Station Name
(0x00400243,"CR_ROOM1") # Performed Location
(0x00400244,"20210627") # Performed Procedure Step Start Date
(0x00400245,"091647") # Performed Procedure Step Start Time
(0x00400250,"") # Performed Procedure Step End Date
(0x00400251,"") # Performed Procedure Step End Time
(0x00400252,"IN PROGRESS") # Performed Procedure Step Status
(0x00400253,"PPSID_1") # Performed Procedure Step ID
(0x00400254,"ARM-C") # Performed Procedure Step Description
(0x00400255,"") # Performed Procedure Type Description
(0x00400260,
# Item Number 1
# (0xFFFE000, UNDEFINED) # ItemIntroducer
  >(0x00080100,"PAI-1") # Code Value
  >(0x00080102,"DVT") # Coding Scheme Designator
  >(0x00080104,"Performed Action Item 1") # Code Meaning
# (0xFFFE00D, 0) # ItemDelimiter
# (0xFFFE0DD, 0) # SequenceDelimiter
) # Performed Protocol Code Sequence with length of: 0
(0x00400270,
# Item Number 1
# (0xFFFE000, UNDEFINED) # ItemIntroducer
  >(0x00080050,"109164735") # Accession Number
  >(0x00081110,
# Item Number 1
# (0xFFFE000, UNDEFINED) # ItemIntroducer
  >(0x00081150,"1.2.840.10008.3.1.2.3.1") # Referenced SOP Class UID
  >(0x00081155,"1.2.826.0.1.3680043.2.1545.1.1624803407.0.755") # Referenced SOP Instance UID
# (0xFFFE00D, 0) # ItemDelimiter
# (0xFFFE0DD, 0) # SequenceDelimiter
) # Referenced Study Sequence with length of: 0
  >(0x0020000D,"1.2.826.0.1.3680043.2.1545.1.1624803407.0.755") # Study Instance UID
  >(0x00321060,"RPD-1") # Requested Procedure Description
  >(0x00400007,"SPSD-1") # Scheduled Procedure Step Description
  >(0x00400008,
# Item Number 1
# (0xFFFE000, UNDEFINED) # ItemIntroducer
  >(0x00080100,"SAIC-1") # Code Value
  >(0x00080102,"DVT") # Coding Scheme Designator
  >(0x00080104,"Scheduled Action Item Code 1") # Code Meaning

```

```

# (0xFFFFEE00D, 0) # ItemDelimiter
# (0xFFFFEE0DD, 0) # SequenceDelimiter
) # Scheduled Protocol Code Sequence with length of: 0
  >(0x00400009,"109164739") # Scheduled Procedure Step ID
  >(0x00401001,"109164737") # Requested Procedure ID
# (0xFFFFEE00D, 0) # ItemDelimiter
# (0xFFFFEE0DD, 0) # SequenceDelimiter
) # Scheduled Step Attributes Sequence with length of: 0
(0x00400340,
# Item Number 1
# (0xFFFFEE000, UNDEFINED) # ItemIntroducer
# (0xFFFFEE00D, 0) # ItemDelimiter
# (0xFFFFEE0DD, 0) # SequenceDelimiter
) # Performed Series Sequence with length of: 0

```

#### RECEIVE N-CREATE-RSP (09:16:47)

Maximum length of Command DATA-TF PDU received (with pcId 1) is 0x90=144

#### Received:

##### N-CREATE-RSP

```

(0x00000000,"0x0000007E") # Group 0000 Length
(0x00000002,"1.2.840.10008.3.1.2.3.3") # Affected SOP Class UID
(0x00000100,"0x8140") # Command Field
(0x00000120,"0x0004") # Message ID Being Responded To
(0x00000800,"0x0101") # Data Set Type
(0x00000900,"0x0110") # Status
(0x00001000,"1.2.826.0.1.3680043.2.1545.1.1624803407.0.755") # Affected SOP Instance UID

```

##### VALIDATE N-CREATE-RSP

Against reference Command: N-CREATE-RSP

##### N-CREATE-RSP

Module: N-CREATE-RSP (M)							
Attribute	Def VR	Dcm VR	Type	Pr	Len	Attribute Name	Value(s) and Comments
(0000,0000)	UL	-	1	+	4	Group 0000 Length	0x0000007E=126
							<i>Source attribute (0000,0000) not present in reference object</i>
(0000,0002)	UI	-	3	+	24	Affected SOP Class UID	1.2.840.10008.3.1.2.3.3
(0000,0100)	US	-	1	+	2	Command Field	0x8140=33088
							<i>Source attribute (0000,0100) not present in reference object</i>

(0000,0120)	US	-	1	+	2	Message ID Being Responded To	0x0004=4
							<i>Source attribute (0000,0120) not present in reference object</i>
(0000,0800)	US	-	1	+	2	Data Set Type	0x0101=257
							<i>Source attribute (0000,0800) not present in reference object</i>
(0000,0900)	US	-	1	+	2	Status	0x0110=272
							<b>Error: Attribute (0000,0900) value of "272" different from reference value of "0"</b> <a href="#">Link to Summary Result</a>
(0000,1000)	UI	-	3	+	46	Affected SOP Instance UID	1.2.826.0.1.3680043.2.1545.1.1624803407.0.755

**SEND RELEASE-RQ (09:16:47)**

**Send: A-RELEASE-RQ Message**

**RECEIVE RELEASE-RP (09:16:47)**

Association open 0.08 seconds

**Received: A-RELEASE-RP Message**

**VALIDATE RELEASE-RP**

**A-RELEASE-RP Message**

**RESULT: FAILED**

**Number of Validation Errors: 1 - Number of Validation Warnings: 0**

**Number of User Validation Errors: 0 - Number of User Validation Warnings: 0**

**Number of General Errors: 0 - Number of General Warnings: 0**