

DICOM Correction Item

Correction Number CP-908	
Log Summary: Rules for C-MOVE\C-GET response status values contradict status table.	
Type of Modification	Name of Standard
Correction	PS 3.4 – 2008
Rationale for Correction: <p>Clarification how a C-MOVE\C-GET service should act. Currently table C.4.2 and the rules in section C.4.2.1.6 - C.4.2.1.9 state different behavior which status parameters to return.</p> <p>The rules in C4.2.1.6 describe when to include Number of Remaining Sub-Operations. Table C.4.2 list in the column 'related fields' a different usage of this parameter. Table and rules should not contradict each other. The rules define that: "<i>Warning, Failure, Refused, or Success shall not contain the Number of Remaining Sub-operations Attribute</i>". Tag (0000,1020) is however listed in the table.</p> <p>The rules in C4.2.1.7 describe when to include Number of Completed Sub-Operations. Table C.4.2 list in the column 'related fields' a different usage of this parameter. Table and rules should not contradict each other. The rules define that: "<i>Canceled, Warning, Failure, Refused, or Success may contain the Number of Completed Sub-operations Attribute</i>". Tag (0000,1021) is missing for the Warning entry in the table.</p> <p>The rules in C.4.2.1.6 - C.4.2.1.9 refer to a service status of 'Refused'. The Standard only defines the service status class: Failure, Cancel, Warning, Success and Pending. (in table C.4.2 and in P.S.3.7-Annex C). References to the service status 'Refused' should be removed.</p> <p>Both statements apply in the same manner for the C-GET service specification (except tag (0000,1021) is listed in the Warning entry in the table).</p>	
Sections of documents affected P.S. 3.4 - 2008: table C.4.2, C.4.2.1.6 - C.4.2.1.9 (C-MOVE) P.S. 3.4 - 2008: table C.4.3, C.4.3.1.5 - C.4.3.1.8 (C-GET)	
Correction Wording:	

Change Table P.S. 3.4, C.4.2.

**Table C.4-2
 C-MOVE RESPONSE STATUS VALUES**

Service Status	Further Meaning	Status Codes	Related Fields
Failure	Refused: Out of Resources – Unable to calculate number of matches	A701	(0000,0902)
	Refused: Out of Resources – Unable to perform sub-operations	A702	(0000,1020) (0000,1021) (0000,1022) (0000,1023)
	Refused: Move Destination unknown	A801	(0000,0902)
	Identifier does not match SOP Class	A900	(0000,0901) (0000,0902)
	Unable to Process	Cxxx	(0000,0901) (0000,0902)
Cancel	Sub-operations terminated due to Cancel Indication	FE00	(0000,1020) (0000,1021) (0000,1022) (0000,1023)
Warning	Sub-operations Complete – One or more Failures	B000	(0000,1020) (0000,1021) (0000,1022) (0000,1023)
Success	Sub-operations Complete – No Failures	0000	(0000,1020) (0000,1021) (0000,1022) (0000,1023)
Pending	Sub-operations are continuing	FF00	(0000,1020) (0000,1021) (0000,1022) (0000,1023)

C.4.2.1.6 Number of Remaining Sub-Operations

- A C-MOVE response with a status of:
- Pending shall contain the Number of Remaining Sub-operations Attribute
 - Canceled may contain the Number of Remaining Sub-operations Attribute
 - Warning, Failure, ~~Refused~~, or Success shall not contain the Number of Remaining Sub-operations Attribute

C.4.2.1.7 Number of Completed Sub-Operations

- A C-MOVE response with a status of:
- Pending shall contain the Number of Completed Sub-operations Attribute

- Canceled, Warning, Failure, ~~Refused~~, or Success may contain the Number of Completed Sub-operations Attribute

C.4.2.1.8 Number of Failed Sub-Operations

A C-MOVE response with a status of:

- Pending shall contain the Number of Failed Sub-operations Attribute
- Canceled, Warning, Failure, ~~Refused~~, or Success may contain the Number of Failed Sub-operations Attribute

C.4.2.1.9 Number of Warning Sub-Operations

A C-MOVE response with a status of:

- Pending shall contain the Number of Warnings Sub-operations Attribute
- Canceled, Warning, Failure, ~~Refused~~, or Success may contain the Number of Warning Sub-operations Attribute

Change Table P.S. 3.4, C.4-3.

**Table C.4-3
 C-GET RESPONSE STATUS VALUES**

Service Status	Further Meaning	Status Codes	Related Fields
Failure	Refused: Out of Resources – Unable to calculate number of matches	A701	(0000,0902)
	Refused: Out of Resources – Unable to perform sub-operations	A702	(0000,1020) (0000,1021) (0000,1022) (0000,1023)
	Identifier does not match SOP Class	A900	(0000,0901) (0000,0902)
	Unable to process	Cxxx	(0000,0901) (0000,0902)
Cancel	Sub-operations terminated due to Cancel Indication	FE00	(0000,1020) (0000,1021) (0000,1022) (0000,1023)
Warning	Sub-operations Complete – One or more Failures or Warnings	B000	(0000,1020) (0000,1021) (0000,1022) (0000,1023)
Success	Sub-operations Complete – No Failures or Warnings	0000	(0000,1020) (0000,1021) (0000,1022) (0000,1023)
Pending	Sub-operations are continuing	FF00	(0000,1020) (0000,1021) (0000,1022) (0000,1023)

C.4.3.1.5 Number of Remaining Sub-Operations

- A C-GET response with a status of:
- Pending shall contain the Number of Remaining Sub-operations Attribute
 - Canceled may contain the Number of Remaining Sub-operations Attribute
 - Warning, Failure, ~~Refused~~, or Success shall not contain the Number of Remaining Sub-operations Attribute.

C.4.3.1.6 Number of Completed Sub-Operations

- A C-GET response with a status of:
- Pending shall contain the Number of Completed Sub-operations Attribute
 - Canceled, Warning, Failure, ~~Refused~~, or Success may contain the Number of Completed Sub-operations Attribute

<i>C.4.3.1.7 Number of Failed Sub-Operations</i>
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A C-GET response with a status of:

- Pending shall contain the Number of Failed Sub-operations Attribute
- Canceled, Warning, Failure, ~~Refused~~, or Success may contain the Number of Failed Sub-operations Attribute

<i>C.4.3.1.8 Number of Warning Sub-Operations</i>

A C-GET response with a status of:

- Pending shall contain the Number of Warning Sub-operations Attribute
- Canceled, Warning, Failure, ~~Refused~~, or Success may contain the Number of Warning Sub-operations Attribute