

1	Status	Final Text
2	Date of Last Update	2017/11/22
3	Person Assigned	David Clunie
4		mailto:dclunie@dclunie.com
5	Submitter Name	David Clunie
6		mailto:dclunie@dclunie.com
7	Submission Date	2017/02/22

8	Correction Number CP-1698	
9	Log Summary: Remove ETag requirement in Non-Patient Instance Restful service	
10	Name of Standard	
11	PS3.18 2017d	
12	Rationale for Correction:	
13	Sup 194 introduced a requirement to send an ETag with a successful response.	
14	This is inappropriate since ETags may be used to imply versioning, which needs to be handled at a DICOM payload level or at the	
15	very least consistently across all services (RESTful or not). In addition, they may pose a privacy risk and be abused (like Cookies).	
16	Further, they may be removed or modified by proxies and caches over which the origin-server has no control.	
17	Remove the requirement.	
18	If ETags are ever going to be used in the standard, extensive discussion of the details is required.	
19	This does not prevent the optional use of ETags if they are deemed appropriate for a specific deployment.	
20	Correction Wording:	

Amend DICOM PS3.18 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

## 6.10.3.1 Retrieve Capabilities Transaction

### 6.10.3.1.3 Response

#### 6.10.3.1.3.2 Response Header Fields

Table 6.10.3.1.3.2-1. Response Header Fields

Header Field	Value	Usage	Requirements
Content-Type	media-type	M	
Content-Length	uint	C	Shall be present if no transfer coding has been applied. Shall be absent otherwise.
Transfer-Encoding	encoding	C	Shall be present if a transfer coding has been applied. Shall be absent otherwise.
<b>ETag</b>	<b>entity-tag</b>	<b>G</b>	<b>Shall be present if the response status code is 200.</b>

## 6.10.3.2 Retrieve Transaction

### 6.10.3.2.3 Response

The response has the following syntax:

version SP status-code SP reason-phrase CRLF

Content-Type: dicom-media-type CRLF

~~{ETag: entity-tag CRLF}~~

[Last-Modified: HTTP-date CRLF]

\*(header-field CRLF)

CRLF

Payload

...

#### 6.10.3.2.3.2 Response Header Fields

Table 6.10.3.2.3.2-1. Request Header Fields

Header Field	Value	Usage	Requirements
Content-Type	dicom-media-type	M	
Content-Length	uint	C	Shall be present if no transfer coding has been applied. Shall be absent otherwise.
Transfer-Encoding	encoding	C	Shall be present if a transfer coding has been applied. Shall be absent otherwise.
<b>ETag</b>	<b>entity-tag</b>	<b>G</b>	<b>Shall be present if the response status code is 200 or 204.</b>