

HTML5 Support for the Cisco Interactive Services Solution

Release 1.0.3.0

HTML5 features supported by the latest builds (4.189.426 and 4.155.393) are detailed in the following pages. The tests on 4.155.393 and 4.189.426 were run on a policy with <http://html5test.com/> and HTML5 local/offline storage enabled.

Note: HTML caching is supported on 1.0.3 on COBRA though offline caching is a 2.0 feature.

Build 4.155.393**Build 4.189.426**

Total	306 (and 15 bonus points) out of a total of 500 points	306 (and 15 bonus points) out of a total of 500 points
Parsing rules	10 (+2)	10 (+2)
Canvas	20	20
Videos	21/31 (+8)	21/31 (+8)
Audio	20 (+5)	20 (+5)
Elements	28/35	28/35
Forms	70/115	70/115
User interaction	2/20	2/20
History and navigation	10	10
Microdata	0/15	0/15
Web applications	15/20	15/20
Security	10/20	10/20
Various	5/10	5/10
related specifications		
Location and Orientation	0/20	0/20
WebGL	9/25	9/25
Communication	31/35	31/35
Files	10	10
Storage	15/25	15/25
Workers	15	15
Local multimedia	0/10	0/10
Notifications	10	10
Other	5/10	5/10
experimental		
Audio	0/5	0/5
Video and Animation	0/10	0/10

Builds 4.189.426 and 4.155.393

Parsing rules	
<!DOCTYPE html> triggers standards mode »	Yes
HTML5 tokenizer »	Yes
HTML5 tree building »	Yes
SVG in text/html »	Yes
MathML in text/html »	Yes

Canvas	
canvas element »	Yes
2D context »	Yes
Text »	Yes

Video	
video element »	Yes
Subtitle support »	No
Poster image support »	Yes
MPEG-4 support »	Yes
H.264 support »	Yes
Ogg Theora support »	Yes
WebM support »	Yes

Audio	
audio element »	Yes
PCM audio support »	Yes
AAC support »	Yes
MP3 support »	Yes
Ogg Vorbis support »	Yes
Ogg Opus support »	Yes
WebM support »	No

Elements	
Embedding custom non-visible data »	Yes
New or modified elements	
Section elements	Yes
section element »	Yes
nav element »	Yes
article element »	Yes
aside element »	Yes
hgroup element »	Yes
header element »	Yes
footer element »	Yes
Grouping content elements	Partial
figure element »	Yes

figcaption element »	Yes
reversed attribute on the ol element »	No
Text-level semantic elements	Partial
download attribute on the a element »	No
ping attribute on the a element »	Yes
mark element »	Yes
ruby, rt and rp elements »	Yes
time element »	No
wbr element »	Yes
Interactive elements	Partial
details element »	Yes
summary element »	Yes
command element »	No
menu element of type list »	Yes
menu element of type toolbar »	No
menu element of type context »	No
Global attributes or methods	
hidden attribute »	Yes
Dynamic markup insertion	Yes
outerHTML property »	Yes
insertAdjacentHTML function »	Yes

Forms	
Field types	
input type=text	Partial
Minimal element support »	Yes
Selection Direction »	No
input type=search	Yes
Minimal element support »	Yes
input type=tel	Yes
Minimal element support »	Yes
input type=url	Yes
Minimal element support »	Yes
Field validation »	Yes
input type=email	Yes
Minimal element support »	Yes
Field validation »	Yes
input type=datetime	Partial
Minimal element support »	Yes
Custom user-interface »	No
Value sanitization »	No
min attribute »	Yes
max attribute »	Yes
step attribute »	Yes
stepDown() method »	Yes
stepUp() method »	Yes

valueAsDate() method »	Yes
valueAsNumber() method »	Yes
input type=date	Partial
Minimal element support »	Yes
Custom user-interface »	No
Value sanitization »	No
min attribute »	Yes
max attribute »	Yes
step attribute »	Yes
stepDown() method »	Yes
stepUp() method »	Yes
valueAsDate() method »	Yes
valueAsNumber() method »	Yes
input type=month	Partial
Minimal element support »	Yes
Custom user-interface »	No
Value sanitization »	No
min attribute »	Yes
max attribute »	Yes
step attribute »	Yes
stepDown() method »	Yes
stepUp() method »	Yes
valueAsDate() method »	Yes
valueAsNumber() method »	Yes
input type=week	Partial
Minimal element support »	Yes
Custom user-interface »	No
Value sanitization »	No
min attribute »	Yes
max attribute »	Yes
step attribute »	Yes
stepDown() method »	Yes
stepUp() method »	Yes
valueAsDate() method »	Yes
valueAsNumber() method »	Yes
input type=time	Partial
Minimal element support »	Yes
Custom user-interface »	No
Value sanitization »	No
min attribute »	Yes
max attribute »	Yes
step attribute »	Yes
stepDown() method »	Yes
stepUp() method »	Yes
valueAsDate() method »	Yes
valueAsNumber() method »	Yes
input type=datetime-local	Partial

Minimal element support »	Yes
Custom user-interface »	No
Value sanitization »	No
min attribute »	Yes
max attribute »	Yes
step attribute »	Yes
stepDown() method »	Yes
stepUp() method »	Yes
valueAsNumber() method »	Yes
input type=number	Yes
Minimal element support »	Yes
Custom user-interface »	Yes
Value sanitization »	Yes
Field validation »	Yes
min attribute »	Yes
max attribute »	Yes
step attribute »	Yes
stepDown() method »	Yes
stepUp() method »	Yes
valueAsNumber() method »	Yes
input type=range	Yes
Minimal element support »	Yes
Custom user-interface »	Yes
Value sanitization »	Yes
min attribute »	Yes
max attribute »	Yes
step attribute »	Yes
stepDown() method »	Yes
stepUp() method »	Yes
valueAsNumber() method »	Yes
input type=color	Partial
Minimal element support »	Yes
Custom user-interface »	No
Value sanitization »	No
input type=checkbox	Yes
Minimal element support »	Yes
indeterminate property »	Yes
input type=image	Partial
Minimal element support »	Yes
width property »	No
height property »	No
input type=file	Yes
Minimal element support »	Yes
files property »	Yes
textarea	Partial
Minimal element support »	Yes
maxlength attribute »	Yes

wrap attribute »	No
select	Yes
Minimal element support »	Yes
required attribute »	Yes
fieldset	Partial
Minimal element support »	Yes
elements attribute »	No
disabled attribute »	No
datalist	Partial
Minimal element support »	No
list attribute for fields »	Yes
keygen	Yes
Minimal element support »	Yes
challenge attribute »	Yes
keytype attribute »	Yes
output	Yes
Minimal element support »	Yes
progress	Yes
Minimal element support »	Yes
meter	Yes
Minimal element support »	Yes
Fields	
Field validation	Yes
pattern attribute »	Yes
required attribute »	Yes
Association of controls and forms	Yes
control property on labels »	Yes
form property on fields »	Yes
formAction property on fields »	Yes
formEnctype property on fields »	Yes
formMethod property on fields »	Yes
formNoValidate property on fields »	Yes
formTarget property on fields »	Yes
labels property on fields »	Yes
Other attributes	Partial
autofocus attribute »	Yes
autocomplete attribute »	No
placeholder attribute »	Yes
multiple attribute »	Yes
dirName attribute »	No
CSS selectors	Yes
:valid selector »	Yes
:invalid selector »	Yes
:optional selector »	Yes
:required selector »	Yes
:in-range selector »	Yes
:out-of-range selector »	Yes

:read-write selector »	Yes
:read-only selector »	Yes
Events	Yes
oninput event »	Yes
onchange event »	Yes
oninvalid event »	Yes
Forms	
Form validation	Yes
checkValidity method »	Yes
noValidate attribute »	Yes

User interaction	
Drag and drop	
Attributes	No
draggable attribute »	No
dropzone attribute »	No
Events	No
ondrag event »	No
ondragstart event »	No
ondragenter event »	No
ondragover event »	No
ondragleave event »	No
ondragend event »	No
ondrop event »	No
HTML editing	
Editing elements	No
contentEditable attribute »	No
isContentEditable property »	No
Editing documents	No
designMode attribute »	No
APIs	No
execCommand method »	No
queryCommandEnabled method »	No
queryCommandIndeterm method »	No
queryCommandState method »	No
queryCommandSupported method »	No
queryCommandValue method »	No
Spellcheck	
spellcheck attribute »	Yes

History and navigation	
Session history »	Yes

Microdata	
Microdata »	No

Web applications

Application Cache »	Yes
Custom scheme handlers »	No
Custom content handlers »	No
Custom search providers »	No

Security

Sandboxed iframe »	Yes
Seamless iframe »	No
iframe with inline contents »	No

Various

Scoped style element »	No
Asynchronous script execution »	Yes
Runtime script error reporting »	Yes
Base64 encoding and decoding »	Yes

Related specifications

Location and Orientation

Geolocation »	No
Device Orientation »	No

WebGL

3D context »	No
Native binary data	Partial
ArrayBuffer »	Yes
Int8Array »	Yes
Uint8Array »	Yes
Int16Array »	Yes
Uint16Array »	Yes
Int32Array »	Yes
Uint32Array »	Yes
Float32Array »	Yes
Float64Array »	No
DataView »	Yes

Communication

Cross-document messaging »	Yes
Server-Sent Events »	Yes
XMLHttpRequest Level 2	Partial
Upload files »	Yes
Text response type »	Yes

Document response type »	No
Array buffer response type »	Yes
Blob response type »	No
WebSocket »	Yes

Files	
File API »	Yes
File API: Directories and System »	No

Storage	
Session Storage »	Yes
Local Storage »	Yes
IndexedDB »	No
Web SQL Database »	Yes

Workers	
Web Workers »	Yes
Shared Workers »	Yes

Local multimedia	
Access the webcam »	No

Notifications	
Web Notifications »	Yes

Other	
Page Visibility »	No
Text selection »	Yes
Scroll into view »	Yes
Mutation Observer »	No

Experimental

Audio	
Web Audio API »	No

Video and Animation	
Full screen support »	No
Pointer Lock support »	No
window.requestAnimationFrame »	No