



## EdgeSuite 5.0 ESI Extensions to the ESI 1.0 Specification

The following table shows EdgeSuite ESI extensions to the ESI 1.0 Specification. A bullet (•) in the cell means that the feature or function is supported. For a full description of the features and language elements listed here, see the *EdgeSuite ESI Developer's Guide* and the *ESI 1.0 Specification*.

FEATURE OR LANGUAGE ELEMENT	ESI 1.0	EDGEsuite 5.0
include statement		
src	•	•
alt	•	•
onerror="continue"	•	•
ttl		•
no-store		•
maxwait (time for include to complete, including "asynchronous include")		•
stylesheet (an XSL stylesheet for XSLT)		•
dca (type of processing, e.g., XSLT)		•
method (GET or POST) and entity (for POST)		•
addheader, removeheader, setheader,		•
esi:param name (to pass for XSLT)		•
esi:eval—include objects and evaluate the fragment's ESI in the parent namespace		•
Inline include	•	
Recursion (fragments including fragments) allowed	•	•
choose   when   otherwise	•	•
remove (use alternative HTML if ESI is not processed)	•	•
foreach (Iteration)		•
<!--esi --> (hide ESI code)	•	•
<esi:text> (to insert flat, uninterpreted text)		•

FEATURE OR LANGUAGE ELEMENT	ESI 1.0	EDGEsuite 5.0
vars (place variable outside an ESI block)	•	•
try   attempt   except	•	•
Internationalization (the ability to use multi-byte character sets)		•
comment	•	•
\ backslash escapes any character		•
\$ functions (random number, date and time, string or sequence length, delete item from sequence, add an HTTP response header, encode and decode URLs, set redirects, set response codes, control downstream caching, string manipulation, string conversion to integers and vice versa, etc.)		•
Boolean operators used in expressions ==, !=, <, >, <=, >=, !, & ( or && ),   ( or    )	•	•
has, has_i, matches, matches_i		•
Logical & string operations: +, -, *, /, %, ..		•
Bitwise operations: <<, >>, ~, &,  , ^		•
Variables		
HTTP_ACCEPT_LANGUAGE, _COOKIE, _HOST, _REFERER, _USER_AGENT, QUERY_STRING	•	•
Akamai-specific variables (e.g., EdgeScape, bandwidth usage)		•
HTTP Headers/CGI variables (supported with syntax conversion)		•
expanded support for cookies, including the ability to use cookies for Session IDs.		•
substructure access {}	•	•
Use of POST data from origin		•
default strings	•	•
default expressions		•
Assign custom variables (of type: number, Boolean, list, dictionary, function, variable, string, or compound expression)		•
Set custom variables (strings only)	•	•
Create custom functions		•