

Workshare Compare Server 9.5.3

Release Notes

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Introduction

Workshare Compare Server is a web service that performs server-side document comparison and exposes APIs (Application Programming Interfaces) to allow a range of client applications to exploit this functionality. The APIs enable software developers to write custom software that compares two Microsoft Word, RTF, PDF, TXT or HTML documents and produces a redline document that describes the differences between the two documents. Compare Server is installed on a server.

Compare Server exposes simple APIs that allow for integration into a range of client applications and server-based solutions. For example, it can be used by custom solutions that run on your internet site, intranet site, internal network or your email system. Clients can be developed in Java, C#, C++, VB.NET and other languages to integrate Compare Server into your desktop, DMS or document applications.

What's New in Workshare Compare Server 9.5.3

The 9.5.3 release includes the following:

- **JSON data format output**

When running a classic comparison, the data format output summarizes the changes between the two documents in an easy-to-use manner. Currently, the data is output only as XML. In the new release, it can also be output in JSON format. This is an easier format for a web developer to work with and it's a more modern technology than XML.

Classic comparisons are performed by making calls to `api/Compare` and the result is a comparison in either document format (docx/doc/pdf) or in data format (XML-based **RedlineML** or JSON-based **RedlineJSON**). The comparison result is returned to the calling code which can take appropriate actions to use it or make it available to an end user.

- **Redline with changed pages only**

When running a classic comparison, the PDF document format output provides a redline showing all the changes between the source documents. Currently, the redline includes the source documents in their entirety. In the new release, the redline can contain only the pages that include changes. This is particularly useful to help focus attention on the changes and also when comparing long documents with only a few changes. This functionality is available via a rendering set option – **Remove Pages Without Changes**.

- **Unsupported operating system**

With the new release, if the OS is unsupported, the admin will receive a warning notification during installation.

What's new in DVJS 1.0 (packaged with 9.5.3)

DVJS (DeltaView JavaScript) is a component of Compare Server that allows comparisons to be viewed and reviewed in the user's web browser. While it is simple to take a comparison document and view it in the browser, DVJS provides richer functionality such as change navigation, change categorization and potential for customization by the integrator.

With the 1.0 release, the user can:

- Download the redline as a Word document with the changes shown as track changes
- See the actual document name of the original and modified files
- Identify changes in the redline more easily:
 - Change bars in the redline
 - Redesign of highlighting changes
- Better understand categories:
 - New category called 'Matching changes' where the matching changes are grouped for easy reading
 - New category called 'White space changes'
 - The 'Content' category has been renamed to 'All other changes' and appears at the bottom of the list
- Experience a cleaner and more beautiful UI

System Requirements

Workshare Compare Server is designed to run on both entry level and enterprise scale servers. Recommended specifications are given below:

Hardware

CPU	64-bit architecture-based computer with Intel or AMD processor with 4 cores
Memory	4GB RAM – More memory may be needed if you intend multiple users to regularly compare long and complex documents.
Storage	1GB free disk space for installation; additional space required for storage of DVJS comparisons and queued comparisons

Supported operating systems

Microsoft Windows Server 2016 x64 Edition

Note: Compare Server can be installed on Microsoft Windows 10 for demonstration and evaluation purposes only.

Important Information

Uninstall

To upgrade from previous versions of Workshare Compare Server, you will need to uninstall the previous version. The installer of Compare Server 9.5.3 will detect earlier versions of Compare Server and stop the installation. It's necessary to manually uninstall previous versions of Compare Server before installing Compare Server 9.5.3.

You can uninstall previous versions from Add/Remove Programs or by re-running the original installer.

When uninstalling Compare Server, some files, such as log files and configuration files, may not be removed from the machine even after completely uninstalling the product. If you want these files removed, you must do so manually.

Licensing

The license file must be on a local drive of the server machine and not on a mapped network drive or UNC path. It is recommended to copy the LIC file to C:\Program Data\Workshare\Compare Service\bin.

Known Issues

The following are known issues in the Workshare Compare Server 9.5.3 release - for more information, please contact Customer Support.

Ref	Description
CS-62	When comparing 30MB PDF files from Swagger, a 400 error is displayed and a blank comparison document is downloaded. This happens with all output formats using both GET and POST methods.
CS-67	When comparing 51MB DOCX files from Swagger, a 400 error is displayed and a blank comparison document is downloaded. This happens with all output formats using both GET and POST methods.

Ref	Description
CS-106	When comparing from Swagger, part of the table of contents is displayed in tabular format in the comparison results even though there are no tables in the source documents.
CS-138	When comparing PDF files with tables that include rows breaking over more than one page, table border lines may be completely removed..
CS-151	Workshare Compare Service is still running in IIS manager even after uninstalling Compare Server.
CS-180	When comparing PDF files with more than 100 pages, a few page numbers may not be fully displayed.
CS-248	In the redline, a moved image may be detected as a 'delete' and 'insert'.
CS-288	When show change numbering is off in the rendering set, the data format comparison result (RedlineJSON or RedlineML) will still include change numbering.
CS-325	Depending on how the source documents are selected, the font in the DVJS comparison may be different.
CS-326	When comparing PDF files, changes to the number of spaces between words maybe be incorrectly shown.
CS-343	When comparing PDF files that include end notes, the redline may incorrectly show that the end note has changed.
CS-354	When comparing PDF files, inserted and deleted comment changes may be shown in a single box rather than two boxes.
CS-355	Although the changes are detected, change bars may not be shown in the redline in the DVJS comparison window for image changes and hidden text changes.
CS-359	Page number changes may not be shown in the DVJS comparison window.
CS-389	When requesting a track change output for a comparison and also requesting that the comparison includes a redline comparison summary, the comparison may fail.

DVJS comparisons

These are specific issues relating to how the DVJS comparison is shown in the browser window.

Ref	Description
DEL-171	The zoom and swap buttons may appear off center.
DEL-244	When comparing single page PDF files, header and footer changes may be considered as content changes.

Ref	Description
DEL-326	When using the French language in the DVJS interface and comparing documents with more than 9 changes between them, the text in the change summary panel may be partially hidden.
DEL-377	If the highlight colors for insertions/deletions/moves are changed in the rendering set, then when hovering over a change in the redline, the mouse cursor may not change to a hyperlink (hand) cursor.
DEL-451	When comparing the same documents, a blank page is shown.
DEL-453	After comparing documents with a black background and selecting a change in the change summary panel, the highlighted change in the redline is not easy to see.

Change Requests Fixed

The following are fixed customer change requests that have been validated for this release
- for more information, please contact Customer Support.

Ref	Description
CS-393	Embedded objects have no change summary text in DVJS.
CS-382	[UICompare Enqueue] Comparison document is not getting downloaded, when we click on 'Track Change' button in DVJS Compare Window
CS-374	Change in numbering category is listed under content category, when swapping the compared documents.
CS-371	Error is shown in Redline when clicking on the particular change in change summary panel.
CS-367	Blank Redline is shown in DVJS Compare window when comparing specific image changes documents.
CS-363	422 response code is shown when 'outputFormat' option is not specified (-) for comparison in Post method Compare endpoint.
CS-361	/accreate call not accepting JSON.
CS-356	Comparing PDF documents where one is password protected results in 422 response code.
CS-349	Statistics table is not displayed in Redline, when comparing any two documents & giving rendering set as 'Remove Pages Without Changes=1; Include Redline Statistics=1'.
CS-344	Rendering option ignore field codes is not being respected.
CS-341	UICompare - Simple image changes do not have change identifier tags around them.

Ref	Description
CS-322	Ellipsis and quotation Changes are displayed in Redline Document when comparing different file formats with same content in source documents.
CS-321	List numbering changes are displayed in Redline Document when comparing different file format with same content in source documents.
CS-320	Irrelevant text is shown when we do not browse any document in document name field.
CS-317	Response code is incorrectly displayed when comparing blank documents through Standard UICompare.
CS-316	CS Framework not accepting anything but .txt files.
CS-315	Error message is shown incorrectly when comparing unsupported documents.
CS-314	Black color is not reflected in Table cell in the Redline.
CS-313	UICompare Description is not updated completely in the Swagger documentation.
CS-312	Response code is incorrectly displayed when comparing Unsupported documents through Standard UICompare.
CS-311	Response code is incorrectly displayed when comparing password protected documents through Standard UICompare.
CS-304	Change in Embedded image is not shown with indicated inserted or deleted dots for images in Redline, when giving 'Detect Changes to Images=1; Ignore Embedded Objects/Images=0'.
CS-298	Health check returns zero in number of comparisons when comparisons in progress.
CS-297	Health check is returning exceptions for comparison checks.
CS-287	Track changes are not shown when comparing documents having Paragraph style changes.
CS-285	Page number change is not reflected correctly, when we have common digit in the page numbers of Original and Modified documents.
CS-284	Error page is shown when comparing documents having hidden changes in it.
CS-283	Footer change is neither shown nor highlighted in the redline when comparing PDF documents having footer changes.
CS-282	Comment text is not displayed in summary panel.
CS-281	Blank page is shown when clicking on image changes in change summary panel.
CS-279	Track changes are not shown when comparing documents having Character style changes.

Ref	Description
CS-278	Track changes are not shown when comparing documents having font changes.
CS-267	Error message is shown incorrectly when providing more than two output formats in Postman.
CS-260	Error 422 is shown when comparing the specific documents with TrackChanges output format.
CS-259	Change bars are shown in Redline, when 'Show Change Bars' rendering option is set to zero.
CS-256	Error is shown when launching Swagger.
CS-254	Error 422 is shown when comparing documents having changes in hidden text.
CS-252	Change Bars are incorrectly displayed, when comparing documents having comment changes.
CS-249	Empty row is displayed in Summary of deletion table in Redline.
CS-247	Description related to output format is not identical in GET and POST methods in Swagger.
CS-246	Error is shown while launching Redline Document (PDF) when making comparison with output format 'RedlineJSON,Pdf/'RedlineMI,Pdf'.
CS-245	[Enqueue] '500' Response code is shown in GET-Status/GET-Result endpoint when we provide 'RedlineJSON' as Output Format.
CS-243	Table width adjustment uses wrong data.
CS-239	Issues noted in Workshare_Compare_Server install log files.
CS-234	Result format is incorrectly recorded in log file when making a comparison on selecting 'RedlineMI' or its combination as output format in compare endpoint.
CS-233	Comparison summary has windings font displayed.
CS-230	No error messages are supplied in logs when a website name / port configuration conflict arises when installing the Legacy Soap API as an IIS service.
CS-223	GET requests do not store the URL in audit log.
CS-222	'Track changes' output option is not available in POST Method in Compare Enqueue endpoint.
CS-218	Error is shown when clicking on 'Tracked Changes' on comparing the documents (RTF or DOC) having track changes, in Document Comparison page.
CS-217	Warning message is shown when launching Redline document with track changes in UICompare Endpoint.

Ref	Description
CS-215	Installation is allowed when existing website name and previously used (non-matching) port number is used.

DVJS comparisons

These are specific issues relating to how the DVJS comparison is shown in the browser window.

Ref	Description
DEL-685	Blank page is shown when comparing documents through swagger UICompare.
DEL-642	Navigation to header change is incorrect when clicking on the header in the content window on any page other than the first when another change is selected.
DEL-630	Sky blue color bar is shown for Matching changes in change summary panel.
DEL-617	'Previous change' and 'Next change' buttons are not functioning correctly.
DEL-594	[IE11] Modified document name is not truncated in DVJS UI when comparing long name source documents through UICompare.
DEL-584	Change summary panel is shown when unchecking ChangeSummary in options while comparing the documents.
DEL-582	Change is not getting highlighted completely in redline when clicking on the particular changed text having font size ≥ 14 .
DEL-575	Change bars are not highlighted correctly for text box changes.
DEL-569	[IE 11] Blank web page is shown when comparing documents.
DEL-557	Viewing a comparison from Compare Server before 9.5.3 is not interactive.
DEL-549	Ribbon bottom border is not completely highlighted in DVJS window.
DEL-548	[IE11] Background color of change summary control symbol is not changed completely when we hover or click on it.
DEL-529	Workshare patented web page is not redirecting to a new tab when user clicks on patent link in About.
DEL-527	Blank space is shown on top of change summary panel area when unchecking toolbar in options.
DEL-526	Blank space is shown in change summary panel area when unchecking ChangeSummary in options.
DEL-489	Compare the documents having image changes, for image changes changed content shown as empty in change summary panel.

Ref	Description
DEL-481	Change box in footer is highlighted incorrectly in Compare window.
DEL-458	Page number is shown as empty for Suggested Changes in change summary panel.
DEL-452	[Chrome] Blank web page is shown when comparing attached sets of documents.
DEL-450	[PDF] Blank page is shown when comparing documents having changes in header or footer.
DEL-447	Blank page is shown when clicking on hidden text changes in change summary panel.
DEL-442	Change boxes are not highlighted in redline, when clicking on Text Box changes in change summary panel.
DEL-432	Comment changes are not highlighted in redline, when clicking on comment changes in change summary panel.
DEL-431	Blank page is displayed when clicking on Suggested Changes in change summary panel.
DEL-407	Change bar is not displayed when the large amount of changed text is moved to next page.
DEL-378	Getting error prompt when try to download the Track Changes comparison file in DVJS standalone app.
DEL-376	Mouse cursor does not change to hyperlink (hand) cursor when moved over 'move' changes.
DEL-374	Incorrect handling of some categories of changes causes UI errors.
DEL-373	Change box locations are incorrect on pages which show the comment area on the right.
DEL-364	Document specific - When comparing attached documents through UICompare endpoint and requesting to view the response, a .fail file is generated without responding to the page ratios call with an error.
DEL-363	Warning message is shown while comparing the 'large documents' from 'DVJS Comparison' page.
DEL-362	Unable to download the 'track changes' file when comparing PDF files in 'Document Comparison' page.
DEL-299	[PDF] Compare the documents having page number changes, for page number changes "page and changed content" shown as empty in change summary panel.
DEL-297	Compare the documents having comment changes along with any other changes, change highlight is not shown properly in redline document when clicking on change in change summary panel.

Ref	Description
DEL-287	Changed content present in text boxes not completely highlighted in redline document.
DEL-285	UICompare API POST does not return the correct error codes.
DEL-284	Change highlights are not shown properly on redline document when comparing the documents having automatic numbering/bullet changes.
DEL-279	Incorrect timestamps sent/stored in mixpanel events.
DEL-242	For page number changes, page is shown as '0' in Change Summary panel.
DEL-241	Change content is empty when comment changes are detected, change is not highlighted in redline document when clicking on Change in Change summary panel.
DEL-239	[IE 11] Unable to view the content of the document even scrolls up when user is pointed to footnote changes (by clicking on footnote change in change summary panel).
DEL-197	Changes in header and footer are not highlighted when selected.

Contact Info

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