

Building Complex Policies

<https://campus.barracuda.com/doc/48660985/>

This article refers to the Barracuda ArchiveOne for Files version 7.2.0 and higher.

See [Policies Node](#) for additional information.

Each criteria type has an associated set of conditions you can use to build complex policies. Tables 1, 2, and 3 provide a list of all conditions available for each type of criteria.

Table 1. String-Based Conditional Operators.

String Condition	Description
Contains	Matches any character string containing the given string. For example: Contains "Finance" matches: "Year 2009 Finance Report.xls" "FinanceData.docx"
Does not contain	Matches any character string that does not contain the given string. For example: Does not contain "Files" matches: "C2C Systems" but does not match: "ArchiveOne for Files"
Is exactly ⁽¹⁾	Matches the exact character string. For example: Is exactly "Report.doc" matches: "REPORT.doc" "Report.DOC" but does not match: "My Report.doc" "Report.doc.old"
Is not ⁽¹⁾	Matches all strings that are not the given string. For example: Is not "Report.doc" matches: "My Report.doc" "Report.doc.old" but does not match: "REPORT.doc" "Report.DOC"

Is exactly (case sensitive)	Matches the exact character string; case sensitive. For example: Is exactly "Report.doc" matches: "Report.doc" but does not match: "Report.DOC"
Is not (case sensitive)	Matches all strings that are not the given string; case sensitive. For example: Is not "Report.doc" matches: "My Report.doc" "Report.doc.old" but does not match: "Report.doc"
Notes: ⁽¹⁾ Not case sensitive.	

Table 2. Date-Based Conditional Operators.

String Condition	Description
Is before	Matches every date up to, but not including, the given date. For example: Is before 25th December 2009 matches: 24th December 2009 1st January 2001 but does not match: 25th December 2009 27th June 2010
Is after	Matches every date after, but not including, the given date. For example: Is after 25th December 2009 matches: 26th December 2009 27th June 2010 but does not match: 1st January 2001 25th December 2009
Is on	Matches the exact date given. For example: Is on January 1, 2014 matches: January 1, 2014

Is within range	<p>Matches all dates between the two ranges, inclusively. For example: Is within range June 10th to June 15th 2009 matches: June 10th June 11 th June 12th June 13th June 14th June 15th</p>
Is within <i>N</i> days	<p>Matches all dates within the given number of days up to the current date. For example, if the current date is February 12, 2016, then: Is within 2 days matches: February 10, 2016 February 11, 2016 February 12, 2016</p>
Is more than <i>N</i> days ago	<p>Matches all dates that are later than the number of days ago from the current date. For example, if the current date is February 15, 2016, then: Is more than 2 days matches: February 10, 2016 February 11, 2016 February 12, 2016 but does not match: February 13, 2016 February 14, 2016 February 15, 2016</p>

Table 3. Numeric-Based Conditional Operators.

String Condition	Description
Equals	Matches any numeric quantity equal to the given value.
Does not equal	Matches any numeric quantity that does not equal the given value.
Is greater than	Matches any numeric quantity greater than the given value.
Is less than	Matches any numeric quantity less than the given value.

Generic Policy Criteria

You can use generic policy criteria in any combination with other criteria.

Table 4. Generic Criteria.

Criteria	Type	Description
Name	String	Primary item identity, for example, File Name.
Content	String	Item content
Size	Numeric	Item size
Location	String	Location where the item is stored, for example, the directory path.
Owner	String	Identifies the item owner.
Creation Date	Date	Creation date
Last Modification Date	Date	Last modification date
Server	String	Name of the Agent server where this item was originally located

ArchiveOne for Files-Specific Policy Criteria

The criteria described in Table 5 is ArchiveOne for Files Agent-specific.

Table 5. ArchiveOne for Files-Specific Criteria.

Criteria	Type	Description
File Name	String	Primary item identity.
File Extension	String	File extension, for example, .txt
Path	String	Location where the item is stored.
Files associated application	String	The application associated with the file type, for example, Notepad.exe.
Document Last Author	String	Document's last author, if available.
Document Last Saved	Date	Last date/time of last save, if available.
Document Revision	Numeric	Current document revision number, if available.
Document Page Count	Numeric	Number of pages in this document, if available.
Document Paragraph Count	Numeric	Number of paragraphs in this document, if available.
Document Line Count	Numeric	Number of lines in this document, if available.
Document Character Count	Numeric	Number of characters in this document, if available.
Document Template	String	Name of original template used to create this document, if available.
Document Editing Time	Date	Elapsed editing time for this document, if available.

Picture Vertical Size	Numeric	Vertical size of picture, if available.
Picture Horizontal Size	Numeric	Horizontal size of picture, if available.
Picture ISO Speed	Numeric	ISO speed used when picture taken, if available.

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