

Overview

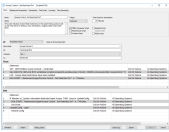
This page lists all IF statements that are available for use in ConnectWise Automate® scripts. A brief description is provided, as well as any parameters that may be required.

How IF Statements Work

IF statements compare values and perform an action depending on whether the returned value is true. If the comparison is true, the THEN section of the script runs. If the comparison is not true, the ELSE section of the script runs.

Example: Extra Data Check

ExtraData Check looks at the value in an Extra Data field, compares it to a parameter value, and performs an action based on the outcome of the comparison. In the following example, ExtraData Check determines if the value in the Access Control-1 Extra Data field is not equal to Restricted. If the comparison is true, the script performs the actions defined in the Then section and sets the Extra Data field equal to Restricted. If the comparison is not true, the script performs the actions in the Else section.



AutoStartup Check

Checks the startup value for result and sets the %autostartupvalue% variable. The result is saved into the variable %autostartupvalue% for future use within the script.

Parameters

- **AutoStartSet:** Select the autostartup location to check from the drop-down list.
- **Compare:** Select a comparison operator to use.

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- **To:** The value to compare the autostartup value to.

Console Logged On

Returns 'True' if user is logged on and sets the %consolenumber% variable. The result is saved into the variable %consolenumber% for future use within the script. This IF marks the script as a user script and will only run when a user ID is tagged on. User scripts have higher priority and a separate queue in the script engine. This only applies when this IF is the first script run.

Parameters

- **Username:** Enter a specific user name to find the console number for. Leave this blank to find any user logged on. It will return the console number of the first user found. It is important to note that when using the statement, if a username is entered, it must match exactly (e.g., capitalization).

Drive Status

Returns 'True' if any of the conditions are met and sets the %driveletter% variable with the drive letter. The result is saved into the variable %driveletter% for future use within the script.

Parameters

- **FreeSpace:** Minimum percentage of free space.
- **Fragmentation:** Maximum acceptable fragmentation percentage.
- **MFT Frag:** Maximum acceptable fragmentation percentage.

Event Log Check

Tests log entries from the past 24 hours and set the %eventlogmessage% variable. The Result is saved into the variable %eventlogmessage% for later use within the script.

Parameters

- **Log Name:** The Event Log Name to Search.
- **Source:** The Source of Event from the Event Log. Leave this blank to search all entries.
- **Event Type:** Select an Event Type from the drop-down list.
- **Compare:** Select a comparison method from the drop-down list.
- **To:** The value to compare to the Event Log Message.

ExtraData Check

Checks an Extra Data field and tests the result.

Parameters

- **Extra Field:** Select the Extra Data Field to search.
- **ID:** The numeric Automate ID of the client, location, computer, network device, probe, or group in which the Extra Data Field needs to be searched.
- **Compare:** Select a comparison method from the drop-down list.
- **To:** The value to compare to the Extra Data Field value.

FileCheck

Checks if the file exists or is missing. Returns 'True' if the condition is met.

Parameters

- **File Path:** The full path, including the filename and extension, of the file to look for.
- **Exists/Missing:** Select Exists or Missing from the drop-down list.

File Compare

Compares two files on the agent and returns 'true' if they are identical.

Parameters

- **Check Type:** The type of file compare to perform. Available options are: created, modified, accessed, version, content, sha.
- **File #1:** Full path to filename, without quotes.
- **File #2:** Full path to filename, without quotes.
- **Steps to Skip:** Enter the number of steps to skip when the result is true. Leave it blank or enter zero to skip to the end of the script.

Group Member

Tests if the computer is a member of the selected group.

Parameters

- **Group Name:** Select the group you want to search for a particular computer from the drop-down list.
- **Computer ID:** Enter the Computer ID you want to search for. Use %ComputerID% for the current computer.

INI File Check

Tests a value from in an INI File and sets the %iniresult% variable. The result is saved into the variable %iniresult% for future use within the script.

Parameters

- **File Path:** The full path, including the filename and extension, of the ini file to open. Section: The section of the INI to collect the value from.
- **Key:** The key to read the value from. Compare: Select a comparison method from the drop-down list.
- **To:** The value to compare the results of the ini key to.

New Unassigned Ticket

Runs the True part when a new ticket exists and sets the %ticketid% variable. The Result is saved into the variable %ticketid% for future use within the script.

Parameters

- **Client ID:** The numeric LabTech ID of the client, in which to find new tickets.

Patch Installed

Check if a patch is installed.

Parameters

- **Patch ID:** Enter the name of the patch to look for.

Performance Counter

Check Perf Counter on computer and set the %perresult% variable. The result is saved into the variable %perresult% for future use within the script.

Parameters

- **Category:** The performance counter category.
- **Counter:** The name of the counter whose value to get.
- **Instance:** The instance for the particular counter.
- **Compare:** Select a comparison method from the drop-down list.
- **To:** The data to compare to the results of the performance counter value.

Plugin Agent Command Available

This is for SDK use only.

Plugin Server Function Available

This is for SDK use only.

Process Exists

Runs the THEN if the process is running and sets the %processid% variable. The result is saved into the variable %processid% for future use within the script.

Parameters

- **Process Name:** The name or ID of the process to check.

Registry Check

Tests the Registry value and sets the %registryresult% variable. End the value name with a 1 to indicate a key rather than a value.

Parameters

- **Registry Key:** The full registry key or value to test.
- **Compare:** Select a comparison method from the drop-down list.
- **To:** The data to compare the results of the registry key/value to. Leave blank for Exists and Not Exists.

Service is Running

Runs the THEN part of the script if the service is running and sets the %servicename% variable. The result is saved into the variable %servicename% for future use within the script.

Parameters

- **Service Name:** The name of the service to look for.

Smart Attributes

Tests if an attribute is under its threshold for the current computer and sets the %smartresult% variable with the drive. The result is saved into the variable %smartresult% for future use within the script.

Parameters

- **Smart Attribute:** Select an attribute to test from the drop-down list.

Software Installed

Checks if software package is installed and sets the %softwarelocation% variable with the path. The result is saved into the variable %softwarelocation% for future use within the script.

Parameters

- **App Name:** The name of the application to look for.

SQL Data Check

Tests a value from the database and sets the %sqlresult% variable. The result is saved into the variable %sqlresult% for future use within the script.

Parameters

- **SQL Statement:** The MySQL statement to run on the database. Must be LIMIT 1, return 1 value only.
- **Compare:** Select a comparison method from the drop-down list.
- **To:** The data to use to compare the result of the sql statement to.

Template Property Check

Tests a template property.

Parameters

- **Extra Field:** The property you want to compare the value of
- **Compare:** Select a comparison method from the drop-down list.
- **To:** The data to use to compare the result of the SQL statement to.

Ticket Status

Checks the status of a ticket.

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Parameters

- **Ticket ID:** Enter the ticket ID of the ticket you want to check the status for.
- **Status:** Enter the status you want to compare it to (Closed, Combined, New, Open, Resolved, Stalled).

Tool Installed

Checks if Tool/Toolset is installed.

Parameters

- **Tool ID:** Select a tool from the drop-down list to look for.

True

Always runs the THEN component of the script.

User Response

Ask the user a 'yes' or 'no' question and runs the THEN component of the script, if 'yes'.

Parameters

- **Question:** The 'yes' or 'no' question to ask the user.

Variable Check

Compares a variable to the specified data and runs the THEN part of the script if the result is TRUE.

Parameters

- **Variable Name:** The name of the variable to get the value from. Do not use the % when reading a value from a variable.
- **Compare:** Select a comparison method from the drop-down list. Standard descriptors for most comparison methods.
- **In:** Will look in the comma separated list values specified in the TO field, to see if the variable that is being tested matches any of the values.
- **Not In:** Will look in the comma separated list values specified in the TO field, to see if the variable that is being tested does NOT match any of the values.
- **To:** The data to compare to the result of the variable.

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