

RES Wisdom 2009 SR1 Release Notes



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New Technologies

[Input mask for parameters](#)

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Input mask for parameters

By default, a parameter value can be any combination and number of characters. This may be undesirable, for example if the parameter specifies a phone number and you want all your phone numbers in Active Directory to have a specific format. In such cases, an input mask can be set, on the **Input** tab of the parameter.

An input mask defines which characters are allowed where in the parameter's value. Each mask character acts as a placeholder for one character of a specific type. For example, if a parameter specifies a phone number, you can set an input mask to enforce the input of exactly ten numbers. At the input moment, RES Wisdom will translate the mask characters into underscores where the user is to provide input. If you set an input mask `1234560000`, this will be shown as `123456_____` in the input field (because 0 is a mask character, whereas the other characters are not). The user will be able to enter numbers where the underscores are shown, but not other characters.

An input mask consists of two parts: the **Mask** and the **Literal**:

- The **Mask** contains mask characters. Each mask character acts as a placeholder for one character of a specific type. For example, 0 stands for a number between 0 and 9, and L stands for a lowercase or uppercase letter. Optionally, the mask may also contain regular characters that do not function as placeholders, but that are included in the parameter value.
- The **Literal** is filled automatically on the basis of the mask information. The literal shows where a user will be able to provide input by translating the mask characters into underscores. If a mask character has been translated into an underscore but should be kept as a regular character, you can toggle it back using the arrow up and down keys.

For example, if you specify an input mask `PHONE: 073-000000`, this will be shown as `P_ONE: _73-_____` in the literal. Using the arrow up and down keys, you can toggle the relevant underscores, so that the literal shows as `PHONE: 073-_____`.

See the RES Wisdom Help for more information.



Note

You can test your input mask by clicking **Show preview**.

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Enhancements

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Conditions based on the existence of specific registry settings

It is now possible to set a condition on a Task, Module or Run Book Job that checks whether a certain registry setting exists. This can be useful for example, if a Task should only be executed if a specific version of an application has been installed, but this information is only stored as a registry key. You can then set a condition on the Task that checks whether this registry setting exists.

Example

Adobe Acrobat Reader stores its version number (for example, 9.0) in the registry as
`HKEY_CURRENT_USER\SOFTWARE\Adobe\Acrobat Reader\9.0\.`

If a certain Task should only be executed if Adobe Acrobat Reader 9.0 has been installed, you can set a condition for this Task based on the registry key
`HKEY_CURRENT_USER\SOFTWARE\Adobe\Acrobat Reader\9.0\.` If you then use the operator **Exist** with the value **True**, RES Wisdom will check the existence of this key in the registry of the Agents that perform the Task. If the condition returns **True**, this means that the registry key exists and thus that Adobe Acrobat Reader 9.0 has been installed.

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Paste option to specify Agents when configuring Run Book Jobs or scheduling Jobs

When configuring a Run Book Job or when scheduling a Job, it is now possible to specify Agents by copying them from a list of Agents separated by semi-colons (";"), commas (","), or tabs and pasting them directly into the **Who** field. It is not possible to specify Agents by typing them into the **Who** field.

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RES Wisdom 2009 SR1 Release Notes**Dispatchers sometimes stopped responding when connection to Datastore was unreliable**

In environments where the connection between Dispatchers and the Datastore was unreliable, Dispatchers could sometimes claim 100% CPU time, after which they stopped responding. This has been fixed.

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Error when using parameter file in Task "Manage Computer Properties"

Using the Task **Manage Computer Properties**, it is possible to change the NetBIOS names of computers, based on a list of MAC addresses (select the option **Change (physical) NetBIOS name > based on list of MAC addresses**). If the specified parameter file contained a space between MAC address and the NetBIOS name of a computer, the Task failed with error "87 - The parameter is incorrect. [SCNE HN]" or "87 - The parameter is incorrect. [NRMID]".

Example

```
00:50:58:8E:75:A4,<space>sales10  
00:50:63:8D:73:EA,<space>sales11  
00:28:61:8D:59:9C,<space>marketing08  
00:0A:29:AF:1B:A6,<space>QA09
```

This has been fixed.

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RES Wisdom 2009 SR1 Release Notes**Installation of certain printer drivers failed when running Microsoft Windows XP x64 or Microsoft Windows 2003 x64**

The installation of certain printer drivers on Agents running Microsoft Windows XP x64 or Microsoft Windows 2003 x64 could fail. This has been fixed.

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RES Wisdom 2009 SR1 Release Notes**Jobs with Job invoker "New Agent" not shown in Job Results when "Show recurring Job" not enabled**

If the option **Show recurring Jobs** was disabled in the Job Results, Jobs with Job Invoker "New Agent" were not shown. This has been fixed.

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Remote Console sessions not terminated

If a remote session was initiated from the RES Wisdom Management Console, the session was not terminated when clicking the **Close** button. As a result, it was not possible to start a second remote session. This has been fixed.

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RES Wisdom 2009 SR1 Release Notes**RES Wisdom Datastores could not be created on Microsoft SQL servers using case-sensitive collation**

It was not possible to create RES Wisdom Datastores on Microsoft SQL servers if they used case-sensitive collation. This has been fixed.

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Run Book Job not executed if scheduled unattended with a parameter file and without /agent= or /team=

A Run Book Job was not executed if it was scheduled unattended and the command line included the parameter `/parameterfile=` (so that it gets values for any parameters from the referenced CSV file), but did not include either `/agent=` or `/team=`.

For example, even though the Run Book to be scheduled unattended did not contain any empty **Who** fields, the following command would not be executed:

```
"c:\program files\res wisdom\wmc\wmc.exe" /action=schedule /runbook={69A0BC21-41F6-46DC-B6DE-5574138EF03C} /parameterfile="c:\program files\res wisdom\wmc\users.csv"
```

This was incorrect behavior, and has been fixed: the command line parameters `/agent=` and `/team=` are optional, and can be left out for Run Books.

When to include /agent= or /team=

When scheduling a Run Book unattended:

- if all the Jobs in the Run Book already have target Agents or Tasks configured, you can leave `/agent=` or `/team=` out of the command line.
- if one or more of the Jobs in the Run Book do NOT have target Agents or Tasks configured, include `/agent=` or `/team=` in the command line. The targets provided in the command line will be used for all the Run Book Jobs that lack their own configured target. Run Book Jobs will fail if they have no targets configured, and no targets are provided in the command line parameter.

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RES Wisdom 2009 SR1 Release Notes**Task "Set NTFS file/folder permissions" not working when specifying folders**

The Task **Set NTFS file/folder permissions** did not work when specifying folders:

- If the specified folder only contained a drive letter and no backslash, the Task completed, but no changes were made.
- If the specified folder contained a backslash, the Task completed with errors: "File or folder does not exist."

This has been fixed.

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RES Wisdom 2009 SR1 Release Notes**Team Rules based on IP address gave wrong results when using multiple network cards**

When using Team Rules based on IP addresses, this could sometimes lead to wrong results if computers contained more than one network card. This has been fixed.

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Timeout for Task "Execute Command" not saved correctly

If a **Timeout command execution** larger than 300 minutes was configured for a Task **Execute Command**, the timeout was reset to 300 minutes. This has been fixed. The specified timeout is now saved correctly.

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Unable to create Instant Report of "Job Scheduling" node

When creating an Instant Report of selected items, the **Job Scheduling** node was not included in the Instant Report. When only selecting the **Job Scheduling** node, it was not possible to create an Instant Report at all. This has been fixed.

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RES Wisdom 2009 SR1 Release Notes**Unable to remove unused parameters after removing Tasks with conditions**

If the Tasks in a Module contained a condition that set the same parameter, and these Tasks were removed using multi-select, it was not possible to remove the (now unused) parameter. This has been fixed.

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RES Wisdom 2009 SR1 Release Notes**Wrong descriptions in Job Results when using parameter files in unattended Jobs**

When scheduling Projects and Run Book Jobs unattended with a parameter file, the description of the Job in the Job Results was incorrect:

- When scheduling a Run Book Job unattended with a parameter file, the description of the Run Book in the Job Results would be "r".
- When scheduling a Project unattended with a parameter file, the description of the Project in the Job Results would be "p".

This has been fixed. The description of the Job in the Job Results is now the same as the original Project or Run Book.

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RES Wisdom 2009 SR1 Release Notes**Wrong Job Invoker shown for Jobs scheduled for "After new Agent registered"**

When a Job was scheduled with the timing option **After new Agent registered**, the **Job Invoker** column of the scheduled Job would show "User". It should say "New Agent". This has been fixed.

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