

Foreman - Bug #19472

Smart Class Parameter adding \r to strings and issues with ""'s

05/05/2017 01:53 PM - James Perry

<div><div>Status:</div><div>New</div></div> <div><div>Priority:</div><div>Normal</div></div> <div><div>Assignee:</div><div></div></div> <div><div>Category:</div><div>Parameters</div></div> <div><div>Target version:</div><div></div></div> <div><div>Difficulty:</div><div></div></div> <div><div>Triaged:</div><div>Yes</div></div> <div><div>Bugzilla link:</div><div></div></div> <div><div>Pull request:</div><div></div></div>	<div><div>Fixed in Releases:</div><div></div></div> <div><div>Found in Releases:</div><div>1.14.3</div></div> <div><div>Red Hat JIRA:</div><div></div></div>
<div><div>Description</div><div><p>In adding Smart Parameters to some classes for saz\sudo I found an interesting, and error causing, behaviors.</p><p>1. When entering into a smart parameter for a string it shows the double quotes in the string</p><pre>"# Comment Cmnd_Alias SOMERULE = /bin/false testuser ALL NOPASSWD: SOMERULE"</pre><p>If this is overridden to be</p><pre>_"# Comment Cmnd_Alias SOMERULE = /bin/false testuser ALL NOPASSWD: SOMERULE  1. Another Comment"</pre><p>The puppet run fails with syntax error messages for the lines where the smart parameter was overridden. A puppet catalog run against the host on the master shows:</p><pre>"mysmartvar": "\"# Comment\r\nCmnd_Alias SOMERULE = /bin/false\r\ntestuser ALL NOPASSWD: SOMERULE\r\n# Another Comment*\"*\r\n"</pre><p>This of course isn't valid syntax for sudoers which wants</p><pre>1. Comment   Cmnd_Alias SOMERULE = /bin/false   testusers ALL NOPASSWD: SOMERULE 2. Another Comment</pre><p>IF the comments are taken off, the rule is passed <u>mostly</u> correctly. Unfortunately that leads to second issue.</p><p>2. Smart Parameter Strings had \r\n appended to end of line instead of only \n.</p><p>Continuing with the above example:</p><p>When the smart parameter isn't overridden the parameter in the catalog is:</p><pre>"mysmartvar": "# Comment\nCmnd_Alias SOMERULE = /bin/false\ntestuser ALL NOPASSWD: SOMERULE\n# Another Comment\n"</pre><p>Just clicking override and removing the quotes, to work around <a href="#">#1</a> above, the string sent to the host becomes:</p><pre>"mysmartvar": "# Comment\r\nCmnd_Alias SOMERULE = /bin/false\r\ntestuser ALL NOPASSWD: SOMERULE\r\n# Another Comment\r\n"</pre><p>This results in the sudoers line become Windows/Dos formatted:</p><pre>_# Comment^M*</pre></div></div>	

Cmnd\_Alias SOMERULE = /bin/false^M\*  
testuser ALL NOPASSWD: SOMERULE\*\$M\*

1. Another Comment^M\*

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To ensure this was not a browser / OS issue. I used Firefox from my Linux Master and Chrome from my Windows desktop. The ^M was added in both cases.

As a workaround I modified the sudo::conf.pp file block from **content => \$content\_real**, to **content => dos2unix(\$content\_real)**,.

Unfortunately that modification may not be viable for all Puppet versions / configurations.

**Related issues:**

Related to Foreman - Bug #8997: ^M in multi line parameter

New

01/16/2015

**History**

**#1 - 05/08/2017 03:12 AM - Dominic Cleal**

- Related to Bug #8997: ^M in multi line parameter added

**#2 - 02/27/2021 11:52 AM - Amalia Bentley**

Strings can present strange errors. While I [WRITE MY ESSAY](#) I try not to use strings as they can sometimes present errors that should not exist. It's better to find alternatives like a char array.

**#3 - 08/06/2021 11:36 AM - Leos Stejskal**

- Triaged changed from No to Yes

**#4 - 04/23/2022 04:21 PM - Usa Esasy**

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**#5 - 06/03/2022 12:31 PM - karl lager**

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**#6 - 06/17/2022 01:05 PM - stefan sterners**

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**#7 - 07/14/2022 05:02 PM - kevin brow**

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