

Re: Restore Points/Disk Space problem?

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.embedded/2005-04/msg00205.html>

- *From:* "KM" <konstmor@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 1 Apr 2005 12:45:16 -0800
-

Jeff,

- > The following are the values for the entire key:
- >
- > DiskPercent = 0x0000000c (12)
- > MachineGuid = {91EE6FF-E52F-4539-B069-8E6E8BB50140}
- > RPLGlobalInterval = 0x0015180 (86400)
- > RPLLifeInterval = 0x0076a700 (7776000)
- > RPSessionInterval = 0x00000000 (0)

These are defaults. Good to know.

You may also want to add DSMax value there to improve the disk space limitation for SR. See more details here:

<http://support.microsoft.com/kb/295659>

- > I looked at another site that had a 6 GB partition, and they had a 2.3 GB
- > restore point. There were 3 a[Sequential Numbered].sys files. This are
- > memory dumps, right? All are the same size as the pagefile.sys

Potentially (not to uncover the source of the problem) you can fix the issue in future by moving the pagefile to a separate small

(enough for pagefile) partition and turn off the System Restore for that partition.

- > There are two things I'd like to get my hands around on this issue. The
- > first is why these machines creating the huge restore points. The second is
- > why XP Embedded is not managing the deletion of the restore points in cases where this occurs.

Well.. I think your RPLifeInterval is set to 90 days. After the RPs on your devices were created, did it pass 90 days?

- > Our client spec will not allow us to turn off Restore Points, so that's not
- > an option. We may turn it off to allow it to purge these huge ones/recover
- > the disk space, and then enable. I need to understand what's going wrong
- > before I can move forward.

can you check the Event Viewer Logs to see if any messages were received from SR services on broken devices?

Re: Restore Points/Disk Space problem?

--

Regards,
KM, BSquare Corp.

> "KM" wrote:
>
>> Jeff,
>>
>> Any chance for you to verify the following registry value at your run time?
>> [HKLM\Software\Microsoft\Windows NT\CurrentVersion\SystemRestore\Cfg,"DiskPercent"]?
>>
>> Or, can you show use the content of the entire key?
>>
>> --
>> Regards,
>> KM, BSquare Corp.
>>
>>
>>> I have an XP Embedded machine in the field that has a 40 GB drive partitioned
>>> 3 ways. C:\ is 10.1 GB. D:\ is 16.2 GB. E:\ is 10.1 GB. The C:\ drive was
>>> down to 55 MB of free space, so I did some poking around with TreeSize.
>>>
>>> I found that there were 2 restore points. One that occurred on February 7,
>>> a 6.9 GB restore point; and another on March 4, a 2.3 GB restore point.
>>> There were other restore points of inconsequential size.
>>>
>>> Based on the way System Restore points are configured on these kiosks is 12%
>>> max, meaning they should only grow to 1.2 GB.
>>>
>>> Is there a known SP1 incident on this? What else can/should I check. The
>>> app logs and sys logs have rolled, but I have other kiosks that have the same
>>> problem
>>>
>>> The offending restore points keep dumping the a*.sys file Virtual memory is
>>> fixed at 768 MB.
>>>
>>> It's running Windows XP Embedded SP1, on a Pentium III 732 MHz processor,
>>> 256 MB RAM.
>>>
>>> Has someone seen this before?
>>> --
>>> Slater...
>>>
>>> Jeff
>>>
>>> "Time is an illusion, rising from time."
>>>

Re: Restore Points/Disk Space problem?

>>
>>

.

• **References:**

- ◆ **Restore Points/Disk Space problem?**
◇ From: Dean-O-TeX
 - ◆ **Re: Restore Points/Disk Space problem?**
◇ From: KM
 - ◆ **Re: Restore Points/Disk Space problem?**
◇ From: Dean-O-TeX
-
- Prev by Date: **Re: Long Ghosting Time**
 - Next by Date: **changing password**
 - Previous by thread: **Re: Restore Points/Disk Space problem?**
 - Next by thread: **Help – Advantech API Problems**
 - Index(es):
 - ◆ **Date**
 - ◆ **Thread**