

Admins - Anomalie #1179

agir.april.org out of memory

01/31/2013 09:27 AM - Loïc Dachary

Status:	Fermé	Start date:	01/31/2013
Priority:	Immédiate	Due date:	
Assignee:	Loïc Dachary	% Done:	100%
Category:	Task	Estimated time:	0.00 hour
Target version:	Janvier 2013	Spent time:	1.60 hour
Difficulté:	2 Facile		
Description			
Un process redmine tourne en boucle et occupe toute la RAM disponible, provoquant des OOM qui impactent le vserver host (problème déjà identifié dans le passé) qui a pour conséquence la perte d'interface pour un certain nombre de serveurs. Le cloisonnement n'est pas ce que l'on pourrait espérer.			
oom.png			
Corrections:			
<ul style="list-style-type: none">• Restart les vservers ayant perdu leur IP dans cet ordre : dns, nginx, lamp, mail, spamvir, harmine• Ajoute une limite haute a la RAM que peut prendre un processus sur la machine redmine pour que le processus fou qui mange toute la RAM soit tué avant de faire des dégats : ulimit -v 1048576			
Related issues:			
Related to Admins - Anomalie #1176: redmine est a 100% de CPU depuis plusieurs...		Fermé	
Related to Admins - Anomalie #1234: oom killer sur pavot		Fermé	03/14/2013 03/16/2013

History

#1 - 01/31/2013 09:31 AM - Loïc Dachary

- File oom.png added

- Status changed from Nouveau to En cours de traitement

- Priority changed from Normale to Immédiate

#2 - 01/31/2013 09:57 AM - Loïc Dachary

la directive de passager qui permet de limiter la mémoire n'existe pas dans la version logiciel libre de ce merveilleux logiciel a deux vitesses

<http://www.modrails.com/documentation/Users%20guide%20Apache.html#PassengerMemoryLimit>

#3 - 01/31/2013 10:12 AM - Loïc Dachary

Avant:

```
root@amphetamine:/proc/4024# cat limits | grep 'Max address'
Max address space          unlimited          unlimited          bytes
```

```
root@amphetamine:/etc# git show
Author: Loïc Dachary <loic@dachary.org>
Date: Thu Jan 31 10:09:24 2013 +0100
```

```
Limit memory to 1GB
```

```
diff --git a/default/apache2 b/default/apache2
index ffabf86..5d88e00 100644
--- a/default/apache2
+++ b/default/apache2
@@ -24,3 +24,7 @@ HTCACHECLEAN_PATH=/var/cache/apache2/mod_disk_cache
## -n : be nice
## -t : remove empty directories
HTCACHECLEAN_OPTIONS="-n"
+
+# make sure no process goes above 1GB of VSZ
+# https://agir.april.org/issues/1179
+ulimit -v 1048576
```

Après:

```
root@amphetamine:/proc/4024# cat limits | grep 'Max address'
Max address space      1073741824      1073741824      bytes
```

#4 - 01/31/2013 10:13 AM - Loïc Dachary

- Status changed from *En cours de traitement* to *Résolu*

- % Done changed from 0 to 100

#5 - 01/31/2013 10:16 AM - Loïc Dachary

L'alerte nagios oom killer a bien fonctionnée:

```
root@pavot:~# cat /tmp/nagios_oom_killer
Jan 31 05:18:50 pavot kernel: [4442301.095555] Out of memory: kill process postgres(5882:#32) score 178969 or
a child
Jan 31 05:25:00 pavot kernel: [4442671.138448] Out of memory: kill process postgres(1488:#32) score 178357 or
a child
Jan 31 05:26:41 pavot kernel: [4442772.087112] Out of memory: kill process postgres(3846:#32) score 177268 or
a child
Jan 31 05:26:52 pavot kernel: [4442782.519378] Out of memory: kill process postgres(3863:#32) score 177011 or
a child
Jan 31 05:27:42 pavot kernel: [4442832.994136] Out of memory: kill process postgres(3904:#32) score 176755 or
a child
Jan 31 05:27:58 pavot kernel: [4442848.985565] Out of memory: kill process postgres(3923:#32) score 176762 or
a child
Jan 31 05:28:14 pavot kernel: [4442864.973732] Out of memory: kill process postgres(3929:#32) score 176757 or
a child
Jan 31 05:28:21 pavot kernel: [4442871.645366] Out of memory: kill process postgres(3937:#32) score 176770 or
a child
Jan 31 05:28:38 pavot kernel: [4442888.684548] Out of memory: kill process postgres(3945:#32) score 176755 or
a child
Jan 31 05:28:48 pavot kernel: [4442899.207214] Out of memory: kill process postgres(3947:#32) score 176434 or
a child
Jan 31 05:28:59 pavot kernel: [4442909.622834] Out of memory: kill process postgres(3955:#32) score 176436 or
a child
Jan 31 05:29:24 pavot kernel: [4442935.255507] Out of memory: kill process postgres(3961:#32) score 176434 or
a child
Jan 31 05:29:37 pavot kernel: [4442947.554322] Out of memory: kill process postgres(3983:#32) score 176473 or
a child
Jan 31 05:29:42 pavot kernel: [4442952.296553] Out of memory: kill process postgres(3987:#32) score 176503 or
a child
Jan 31 05:29:42 pavot kernel: [4442952.462890] Out of memory: kill process postgres(3991:#32) score 176483 or
a child
Jan 31 05:29:42 pavot kernel: [4442952.864119] Out of memory: kill process postgres(3997:#32) score 176506 or
a child
Jan 31 05:29:42 pavot kernel: [4442952.975678] Out of memory: kill process postgres(3997:#32) score 176506 or
a child
Jan 31 05:31:42 pavot kernel: [4443072.521801] Out of memory: kill process postgres(5184:#32) score 178200 or
a child
Jan 31 05:32:13 pavot kernel: [4443104.214183] Out of memory: kill process postgres(5282:#32) score 176919 or
a child
Jan 31 05:32:26 pavot kernel: [4443116.711460] Out of memory: kill process postgres(5292:#32) score 176923 or
a child
Jan 31 05:32:37 pavot kernel: [4443127.964506] Out of memory: kill process postgres(5315:#32) score 176903 or
a child
Jan 31 05:32:58 pavot kernel: [4443148.638188] Out of memory: kill process postgres(5334:#32) score 176864 or
a child
Jan 31 05:33:08 pavot kernel: [4443159.185321] Out of memory: kill process postgres(5340:#32) score 176733 or
a child
Jan 31 05:33:19 pavot kernel: [4443169.730754] Out of memory: kill process postgres(5352:#32) score 176741 or
a child
Jan 31 05:33:29 pavot kernel: [4443180.049845] Out of memory: kill process postgres(5358:#32) score 176726 or
a child
Jan 31 05:33:44 pavot kernel: [4443194.658865] Out of memory: kill process postgres(5365:#32) score 176725 or
a child
Jan 31 05:33:50 pavot kernel: [4443201.168928] Out of memory: kill process postgres(5367:#32) score 176477 or
a child
Jan 31 05:33:54 pavot kernel: [4443205.066457] Out of memory: kill process postgres(5375:#32) score 176469 or
a child
Jan 31 05:34:33 pavot kernel: [4443244.183768] Out of memory: kill process postgres(5384:#32) score 176469 or
a child
Jan 31 05:34:34 pavot kernel: [4443245.187935] Out of memory: kill process postgres(5399:#32) score 176469 or
```

```
a child
Jan 31 05:34:35 pavot kernel: [4443245.331541] Out of memory: kill process postgres(5404:#32) score 176469 or
a child
Jan 31 05:34:35 pavot kernel: [4443245.557086] Out of memory: kill process postgres(5411:#32) score 176470 or
a child
Jan 31 05:34:35 pavot kernel: [4443245.661566] Out of memory: kill process postgres(5411:#32) score 176470 or
a child
Jan 31 07:05:36 pavot kernel: [4448707.208880] Out of memory: kill process postgres(32131:#32) score 176480 or
a child
Jan 31 07:05:37 pavot kernel: [4448707.610944] Out of memory: kill process postgres(32137:#32) score 176499 or
a child
Jan 31 07:05:37 pavot kernel: [4448707.734098] Out of memory: kill process postgres(32137:#32) score 176524 or
a child
```

#6 - 04/27/2013 05:29 PM - Loïc Dachary

```
commit 993cec72393b9fc30c2fe3794e5f2f4bell11f97a
Author: root <root@april.org>
Date: Sat Apr 27 06:25:12 2013 +0200
```

```
daily autocommit
```

```
diff --git a/default/apache2 b/default/apache2
index 5d88e00..38b8299 100644
--- a/default/apache2
+++ b/default/apache2
@@ -27,4 +27,4 @@ HTCACHECLEAN_OPTIONS="-n"
```

```
# make sure no process goes above 1GB of VSZ
# https://agir.april.org/issues/1179
-ulimit -v 1048576
+ulimit -v 524288
```

#7 - 05/29/2019 12:19 PM - Quentin Gibeaux

- Status changed from Résolu to Fermé

Files

oom.png	46.7 KB	01/31/2013	Loïc Dachary
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