

0% available RIDs in the current pool

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Hello group and experts,

Single domain with 1 DC, before had a 2nd on a virtual machine.
I let the 2nd DC offline too long. After a year being offline, started having issues with our network. (Around 2007-09-19)
Here is part of dcdiag before I did some fixing:

```
REPLICATION-RECEIVED LATENCY WARNING
PDC: Current time is 2007-11-26 21:06:51.
CN=Schema,CN=Configuration,DC=OURDOMAIN,DC=local
Last replication recieved from BDC at 2006-09-17 08:46:58.
WARNING: This latency is over the Tombstone Lifetime of 60
days!
CN=Configuration,DC=OURDOMAIN,DC=local
Last replication recieved from BDC at 2006-09-17 08:46:58.
WARNING: This latency is over the Tombstone Lifetime of 60
days!
DC=OURDOMAIN,DC=local
Last replication recieved from BDC at 2006-09-17 08:48:20.
WARNING: This latency is over the Tombstone Lifetime of 60
days!
Fatal Error:DsGetDcName (PDC) call failed, error 1355
The Locator could not find the server.
..... PDC failed test Advertising
..... PDC failed test Services
..... PDC failed test frsevent
..... PDC failed test systemlog
..... OURDOMAIN.local failed test FsmoCheck
```

What I did to fix was shutdown permanently (to be re-formatted) the offline for a year BDC
Went through MS KB 216498 (How to remove data in Active Directory after an unsuccessful domain controller demotion) and then followed on with MS KB 839879 (Event ID 16650: The account-identifier allocator failed to initialize in Windows 2000 and in Windows Server 2003) and a reboot of the only DC in single domain forest, PDC.
No errors related to Directory services in event log after bootup of PDC.

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After 24 hours, all seems well, can even create new AD objects, etc.

Now, what I would like to know is should I worry about, "Warning :There is less than 0% available RIDs in the current pool" when running dcdiag?
I still get a pass for RidManager test.

BEFORE ABOVE FIXES:

Starting test: RidManager

- * Available RID Pool for the Domain is 2109 to 1073741823
- * sbspmenet.PMENET.local is the RID Master
- * DsBind with RID Master was successful
- * rIDAllocationPool is 1109 to 1608
- * rIDPreviousAllocationPool is 1109 to 1608
- * rIDNextRID: 1608
- * Warning :Next rid pool not allocated
- * Warning :There is less than 0% available RIDs in the current pool
- SBSPMENET passed test RidManager

AFTER:

Starting test: RidManager

- * Available RID Pool for the Domain is 2609 to 1073741823
- * sbspmenet.PMENET.local is the RID Master
- * DsBind with RID Master was successful
- * rIDAllocationPool is 2109 to 2608
- * rIDPreviousAllocationPool is 1109 to 1608
- * rIDNextRID: 1608
- * Warning :There is less than 0% available RIDs in the current pool
- SBSPMENET passed test RidManager

Interesting that the PreviousAllocationPool is not a block just before the current/new AllocationPool...

Interesting that rIDNextRID is the last RID from PreviousAllocationPool...

Leave alone?

Thank you
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CCNA

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