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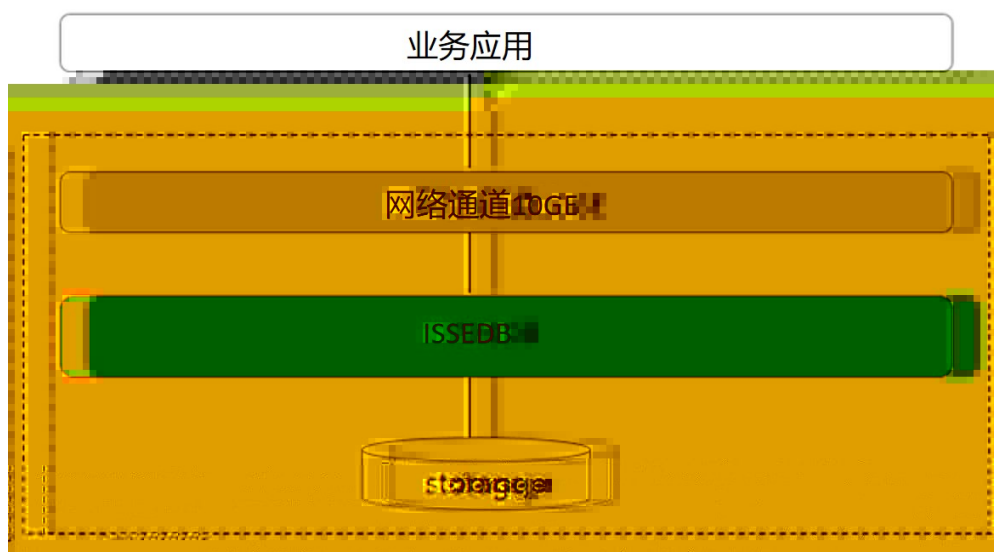
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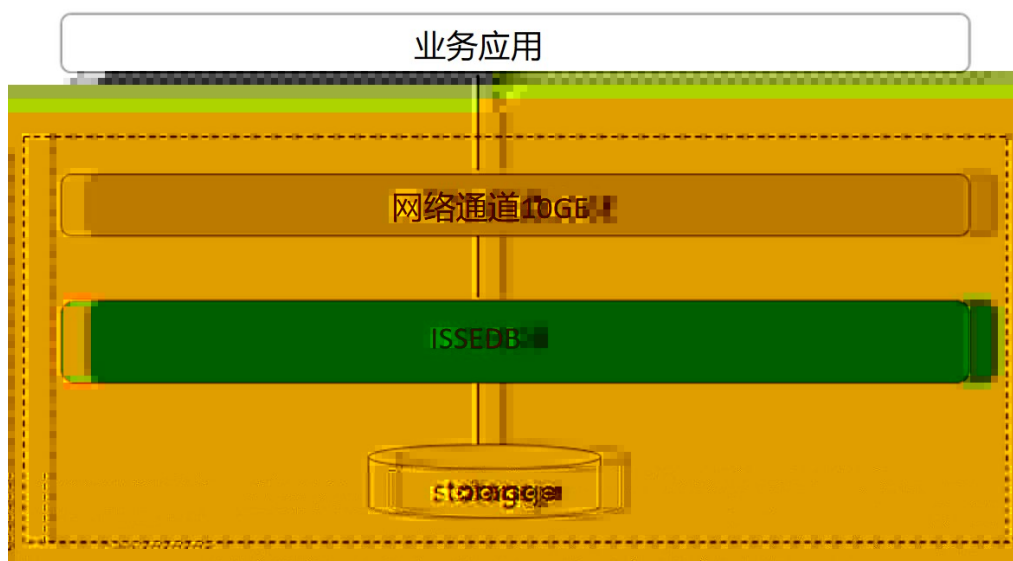


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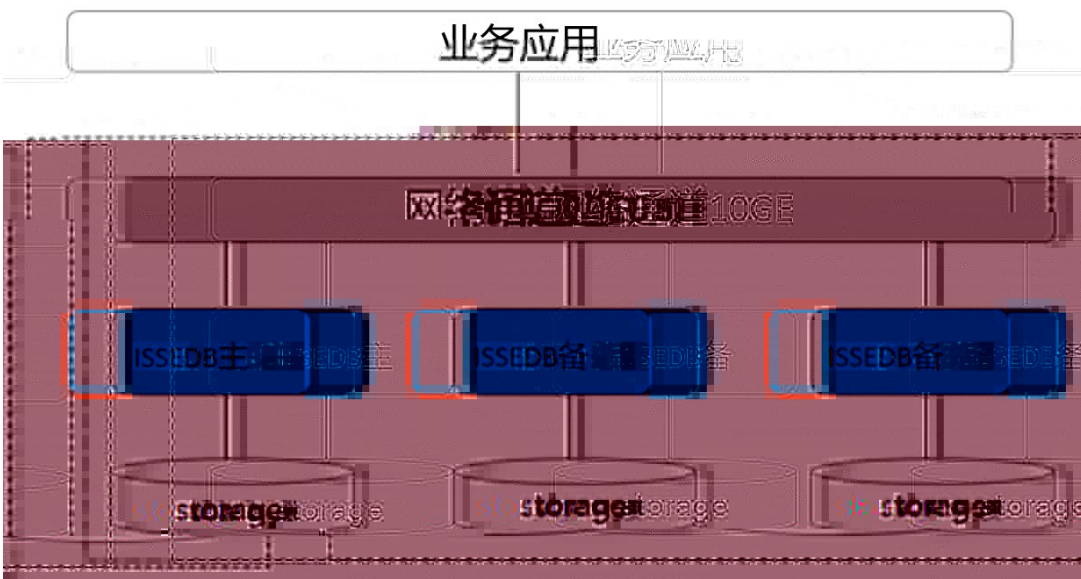
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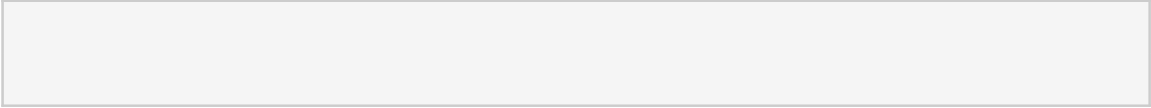
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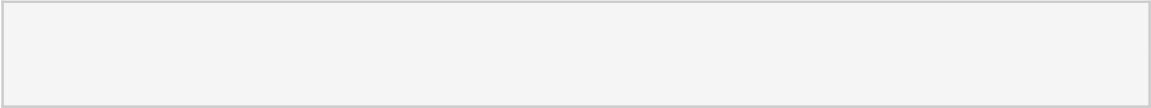


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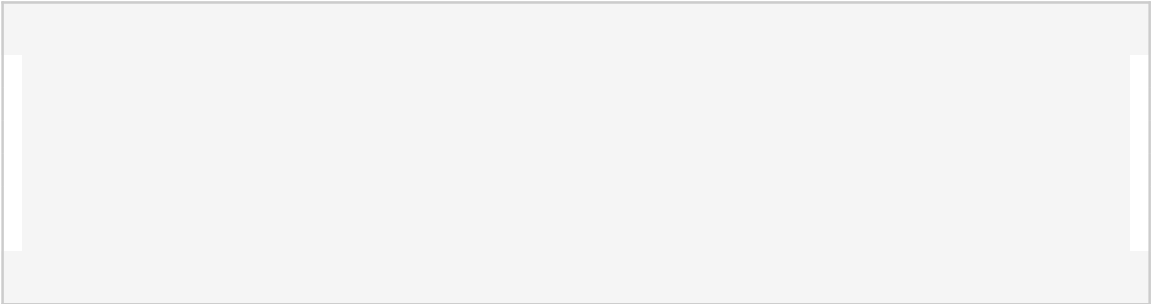
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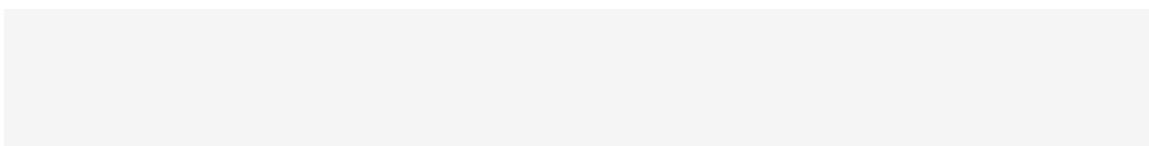
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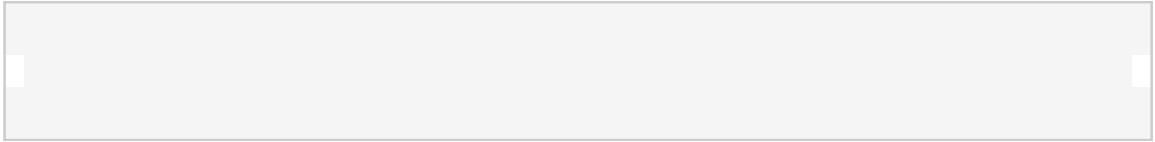
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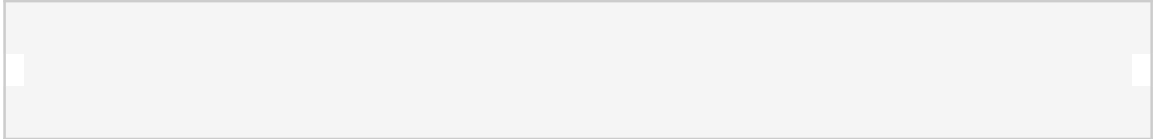
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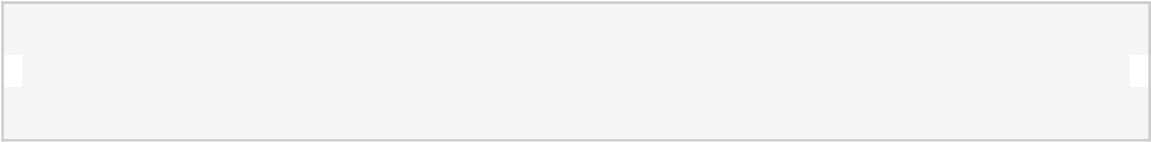
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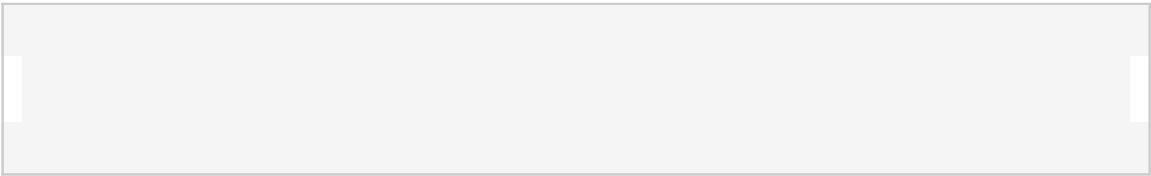
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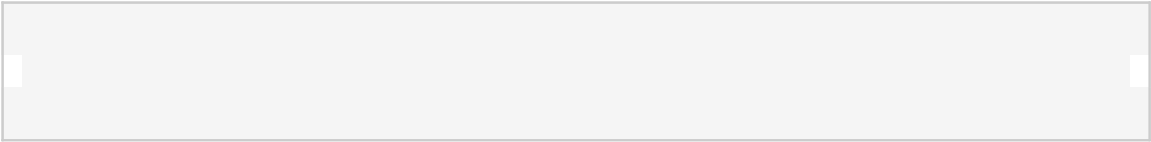
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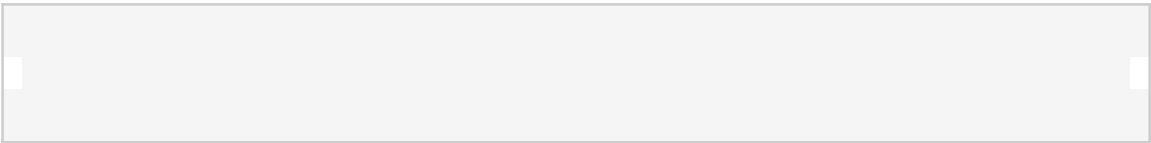
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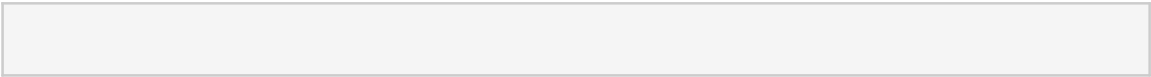
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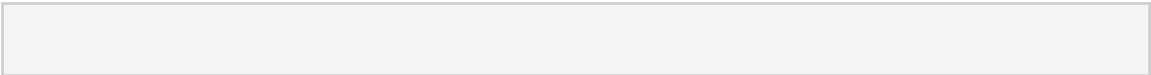
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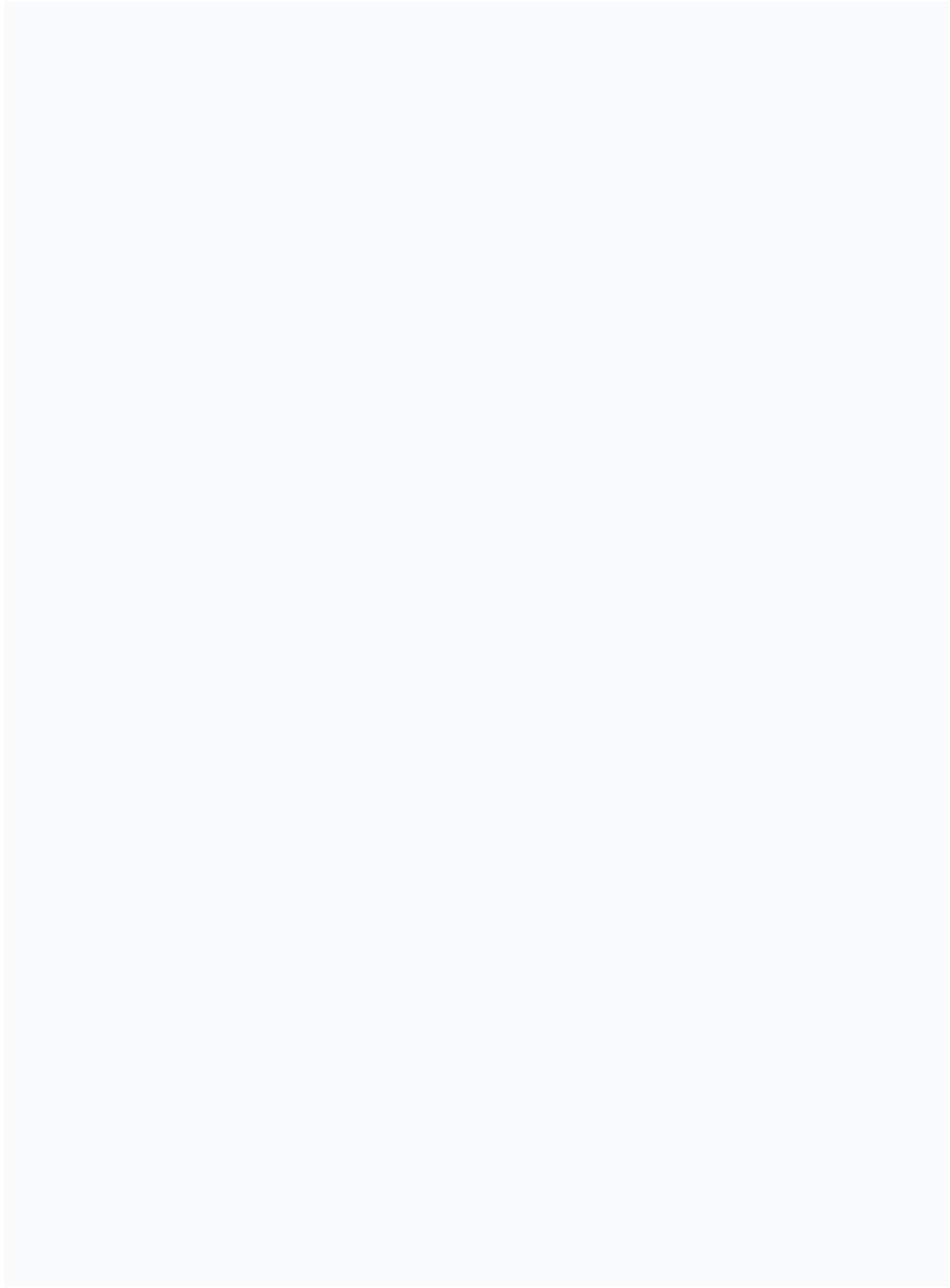
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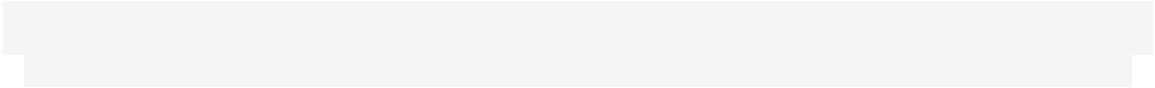
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>>staX_(D 40 9 *)3(6) '\$t 'u!!
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>>G(3)_D-2) D-2)
>>empl!\$%me't_(D H-35G-32(10)
>>S-L-3: 40 9 *)3(82)
>>56 9 9(SS(64_152 40 9 *)3(42)
>>9 -4 - ,)3_(D 40 9 *)3(6)
>>sec8\$'_(D 40 9 *)3(4)
)

1-32(2(64 *: 3-4 ,) (G(3)_D-2))

(
>>>1-32(2(64 G(3)_19950501 H-L0)S L)SS 2G-4 (¥1995705701 00000000)
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->

\$mm ` &s\$+ '\$de1 sc#&ptaS gs\$m 7t status 77deta&!

5!uste# State a

```
cluster_state 0 4$ma!
```

#ed&st#&bu8 'g Q 4\$

cu##e't_aM Q - . -LL

Data ' \$de State a

```
>>>> '$de    '$de_&p    p$#t    &'sta'ce    state
```

~~~~~

```
1  &s$+'$de1 192.168.146.161 5432      6001 <$pt<issedb1<data<d1  1 1#&ma#%
```

4\$#ma!

```
2  &ss+'$de4 192.168.146.164 5432      6002 <$pt<&ssedb1<data<d4  S Sta'db%
```

4\$#ma!

\$mm ` &s\$+ '\$de1 sc#&ptaS gs \$m 7t st\$pc

St\$pp&' g c!uste#.

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Success!!% stopped cluster#.

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

```
) 'd st$p c!uste#.
```

\_ \$mm ` &s\$+ '\$de1 sc#&ptaS gs\_ \$m 7t sta#tC

Sta#8 'g cluste#.

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

\_S055)SSa &s\$+ '\$de1

2023707728 14056033.308 64c366a1.1 \_u''''\$D'a 140593643417856 \_u''''\$D'a 0  
d'\_6001\_6002 01000 0 \_\*-5=)4Da ; -34(4,Q c\$u!d '\$t c#eate a'% G- 251<(1  
s\$c"ets

2023707728 14056033.309 64c366a1.1 \_u''''\$D'a 140593643417856 \_u''''\$D'a 0  
d'\_6001\_6002 01000 0 \_\*-5=)4Da ; -34(4,Q >a!ed t\$ &'&8a!&Me the mem\$#%  
p#\$tect U\$# g\_&'sta'ce.aN#aN#\_st\$#age.cst\$#e\_buXe#s (16 9 b%tes) \$# sha#ed  
mem\$#% (1188 9 b%tes) &s !a#ge#.

\_S055)SSa &s\$+ '\$de4

2023707728 14056034.716 64c366a2.1 \_u''''\$D'a 140365746151680 \_u''''\$D'a 0  
d'\_6001\_6002 01000 0 \_\*-5=)4Da ; -34(4,Q c\$u!d '\$t c#eate a'% G- 251<(1  
s\$c"ets

2023707728 14056034.717 64c366a2.1 \_u''''\$D'a 140365746151680 \_u''''\$D'a 0  
d'\_6001\_6002 01000 0 \_\*-5=)4Da ; -34(4,Q >a!ed t\$ &'&8a!&Me the mem\$#%  
p#\$tect U\$# g\_&'sta'ce.aN#aN#\_st\$#age.cst\$#e\_buXe#s (16 9 b%tes) \$# sha#ed  
mem\$#% (1188 9 b%tes) &s !a#ge#.

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

SuccessUu!!% sta#ted.

j h

\_ \$mm ` &s\$+ '\$de4 d4aS gs\_ \$m 7t st\$P 7D <\$pt<&ssedb1<data<d4

St\$pp&'g cluste#.

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

\_, -0SS753606aQ 5a' '\$t st\$P the databaseB the cmd &s s\$u#ce  
<h\$me<\$mm<.bash#cC p%th\$'3 Y<\$pt<&ssedb1<t\$!<sc#&pt<!\$cal<St\$P('sta'ce.p%Y 70  
\$mm 73 <\$pt<&ssedb1<app 7t 300 7D <\$pt<&ssedb1<data<d4 7m UastB )##\$#Q



4 f — 9 : l m g ,  
\_ \$mm ` & s\$ + ' \$de1 sc#& ptaS gs\_ \$m 7t status 77 deta&!  
\_ 5!uste# State a

\_Data '\$de State a

```
>Se 'de#s &' U$Q
4$ &' U$#ma8$'
>3ece&/e# &' U$Q
>>>>>>>#ece&/e#_p&d Q 18494
>>>>>>>!$ca! $!e Q Sta 'db%
```

```

>>>>>>>pee#_#$!e      Q 1##ma#%
>>>>>>>pee#_state      Q 4$#ma!
>>>>>>>state          Q 4$#ma!
>>>>>>>se'de#_se't_!$ca8$'      Q 0<4001*58
>>>>>>>se'de#_D##te_!$ca8$'      Q 0<4001*58
>>>>>>>se'de#_bush_!$ca8$'      Q 0<4001*58
>>>>>>>se'de#_#ep!a%_!$ca8$'      Q 0<4001*58
>>>>>>>#ece&/e#_#ece&/ed_!$ca8$'      Q 0<4001*58
>>>>>>>#ece&/e#_D##te_!$ca8$'      Q 0<4001*58
>>>>>>>#ece&/e#_bush_!$ca8$'      Q 0<4001*58
>>>>>>>#ece&/e#_#ep!a%_!$ca8$'      Q 0<4001*28
>>>>>>>s%'c_pe#ce't      Q 100 J
>>>>>>>cha' 'e! Q 192.168.146.164Q47386@77192.168.146.161Q5433
m 6    ( § î n P
l m n P
_$mm` `s$+ '$de4 d4aS gs_ct! sD&tch$/e# 7D <$pt<ssedb1<data<d4
_2023707728 15Q16Q55.469a_19198a_a_gs_ct!aQ gs_ct! sD&tch$/e# bdatad&# &s
<$pt<ssedb1<data<d4
_2023707728 15Q16Q55.469a_19198a_a_gs_ct!aQ sD&tch$/e# te#m (1)
_2023707728 15Q16Q55.474a_19198a_a_gs_ct!aQ Da&8' g U$# se#/e# t$ sD&tch$/e#.....
_2023707728 15Q17Q00.592a_19198a_a_gs_ct!aQ d$'e
_2023707728 15Q17Q00.592a_19198a_a_gs_ct!aQ sD&tch$/e# c$mp!eted
(<$pt<ssedb1<data<d4)

4 f 9 : g ,
_$mm` `s$+ '$de1 dataaS gs_$m 7t status 77deta&!
_ 5!uste# State a

c!uste#_state Q Deg#aded
#ed&st#&bu8'g Q 4$
cu##e't_aM Q - ._-LL

```

[illegible]

Data ' \$de State a

[illegible]

[illegible]

```
<$pt<bac"up<bac"up.s ! 7p 26000 testdb 7> p
gs_dump_p$#tA\26000\%a_testdba_2023707727 19053031a0 2he t$ta! $b\lects 'umbe# &s
432.
gs_dump_p$#tA\26000\%a_testdba_2023707727 19053031a0 _100.00Ja 432 $b\lects ha/e
bee' dumped.
gs_dump_p$#tA\26000\%a_testdba_2023707727 19053031a0 dump database testdb
successuu!!%
gs_dump_p$#tA\26000\%a_testdba_2023707727 19053031a0 t$ta! 8me0 1563 ms
```

y z p q

>

77 • » test v Å , gs\_dump © s ! / v p q å template1

\_ \$mm ` &s\$+ '\$de2 bac"upaS gs ! 7d template1 70 test 7 ; huaDe& ` 1234 7p 26000

7U <\$pt<bac"up<bac"up.s !

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t\$ta! 8me0 14 ms

à y z m o p q

```
[omm@isoftnode2 script]$ issql -d testdb -p 26000 -r
issql ((isoftDB 5.0.0 build 4ec82cbe) compiled at 2023-07-27 09:58:20 commit 0 last mr )
non-SSL connection (SSL connection is recommended when requiring high-security)
type "help" for help.

testdb=# \d
          List of relations
Schema | Name | Type | Owner | Storage
-----+-----+-----+-----+-----
public | test1 | table | omm   | {orientation=row,compression=no}
public | test2 | table | omm   | {orientation=row,compression=no}

testdb=# \q
[omm@isoftnode2 script]$ issql -d templatedb -p 260000 -r
issql ((isoftDB 5.0.0 build 4ec82cbe) compiled at 2023-07-27 09:58:20 commit 0 last mr )
non-SSL connection (SSL connection is recommended when requiring high-security)
type "help" for help.

templatedb=# \d
          List of relations
Schema | Name | Type | Owner | Storage
-----+-----+-----+-----+-----
public | test1 | table | omm   | {orientation=row,compression=no}
public | test2 | table | omm   | {orientation=row,compression=no}
(2 rows)
```

k

m o 9 :      Ü K <      !

\_ \$mm ` &s\$+ ' \$de2 caS gs\_bac"up 7t bac"up 77bac"up7d&#A<\$pt<bac"up 77a!!

1a#s&'g c\$' Rgu#a8\$' R!es.

Success!u!!% pa#sed the c\$' Rgu#a8\$' R!e.

1e#U\$#m&'g #em\$te bac"up.

3em\$te bac"up succeeded.

Success!u!!% bac"ed up cluste# R!es.

\_ \$mm ` &s\$+ ' \$de2 bac"upaS !!

t\$ta! 454084

7#D777777. 1 \$mm dbg#p    1355 ?u! 27 19053 bac"up.s !

7#D777777. 1 \$mm dbg#p 464916480 ?u! 28 09016 b&' a#%.ta#

7#D777777. 1 \$mm dbg#p    61440 ?u! 28 09016 pa#amete#.ta#

p q < !

\_#\$\$t `&s\$+'\$de2 db1ad !! <\$pt<issedb1<data<db1<pg\_hba.c\$'U  
<\$pt<issedb1<data<db1<p\$stg#es !.c\$'U  
7#D777777. 1 \$mm dbg#p 4587 ?u! 27 16Q23 <\$pt<issedb1<data<db1<pg\_hba.c\$'U  
7#D777777. 1 \$mm dbg#p 36085 ?u! 27 16Q23 <\$pt<issedb1<data<db1<p\$stg#es !.c\$'U  
\_#\$\$t `&s\$+'\$de2 db1ad m/ <\$pt<issedb1<data<db1<pg\_hba.c\$'U  
<\$pt<issedb1<data<db1<pg\_hba.c\$'U\_ba"  
\_#\$\$t `&s\$+'\$de2 db1ad m/ <\$pt<issedb1<data<db1<p\$stg#es !.c\$'U  
<\$pt<issedb1<data<db1<p\$stg#es !.c\$'U\_ba"  
\_#\$\$t `&s\$+'\$de2 db1ad !! <\$pt<issedb1<data<db1<pg\_hba.c\$'U  
<\$pt<issedb1<data<db1<p\$stg#es !.c\$'U  
!sQ ca' '\$t access <\$pt<issedb1<data<db1<pg\_hba.c\$'UQ 4\$ such R!e \$# d&#ect\$#%  
!sQ ca' '\$t access <\$pt<issedb1<data<db1<p\$stg#es !.c\$'UQ 4\$ such R!e \$# d&#ect\$#%  
\_ \$mm `&s\$+'\$de2 bac"upaS gs\_bac"up 7t #est\$#e 77bac"up7d&# <\$pt<bac"up< 7h  
&s\$+'\$de2 77pa#amete# 7! <\$pt<bac"up<bac"up.!\$g  
1a#s&'g c\$'Rgu#a8\$' R!es.  
SuccessUu!!% pa#sed the c\$'Rgu#a8\$' R!e.  
1e#U\$#m&'g #em\$te #est\$#a8\$'.  
SuccessUu!!% #est\$#ed c!uste# R!es.

\_#\$\$t `&s\$+'\$de2 db1ad !! <\$pt<issedb1<data<db1<pg\_hba.c\$'U  
<\$pt<issedb1<data<db1<p\$stg#es !.c\$'U  
7#D777777. 1 \$mm dbg#p 4587 ?u! 27 16Q23 <\$pt<issedb1<data<db1<pg\_hba.c\$'U  
7#D777777. 1 \$mm dbg#p 36085 ?u! 27 16Q23 <\$pt<issedb1<data<db1<p\$stg#es !.c\$'U

k

\_ \$mm `&s\$+'\$de2 bac"aS gs\_basebac"up 7D <\$pt<bac" 7p 26000  
(4>6Q 2he sta#8'\$g p\$&8\$' \$U the F!\$g c\$p% \$U the Uu!! bu&!d &sQ 0<7000028. 2he s!\$t  
m&'&mum LS4 &sQ 0<0. 2he d&saste# s!\$t m&'&mum LS4 &sQ 0<0. 2he !\$g!ca! s!\$t

```
_2023707728 09043059a0beg& ' bu&!d tab!espace !&st
_2023707728 09043059a0R ' &sh bu&!d tab!espace !&st
_2023707728 09043059a0beg& ' get F!$g b% F!$&st#eam
_2023707728 09043059a0 chec" &de ' 8U% s%stem success
_2023707728 09043059a0 se ' d S2- 32_3) 1L(5-2(64 0<7000000 success
_2023707728 09043059a0 "eepa!&/e message &s #ece&/ed
_2023707728 09043059a0 "eepa!&/e message &s #ece&/ed
_2023707728 09044004a0gs_basebac"up0 base bac"up successUu!!%
```

**k**

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X m o ! K ; -L ! B > w x . <\$pt<p#\$bac"up<

\_ \$mm ` ¯s\$+ '\$de2 \$ptaS gs\_p#\$bac"up &' &t 7\* <\$pt<p#\$bac"up  
(4>6Q \*ac"up cata!\$g Y<\$pt<p#\$bac"upY successUu!!% &' &ted  
\_ \$mm ` ¯s\$+ '\$de2 p#\$bac"upaS !!  
t\$ta! 0  
d#DF777777. 2 \$mm dbg#p 6 ?u! 28 10Q37 bac"ups  
d#DF777777. 2 \$mm dbg#p 6 ?u! 28 10Q37 Da!

## 2¥ , m o Ě

Ý ý ú © m o Ě Â gs\_p#\$bac"up § î è Ò ý ú m o w x X ¯ ú  
Ě © m o Â w x · <\$pt<ssedb1<data<db1 Â  
\_ \$mm ` ¯s\$+ '\$de2 p#\$bac"upaS gs\_p#\$bac"up add7&' sta'ce 7\* <\$pt<p#\$bac"up< 7  
D<\$pt<ssedb1<data<db1< 77&' sta'ce &' sta'ce\_!\$ca!  
(DQ07c"sta \$g7m# sta Pcè 7/\$2F=0p successUu!!% &' &ted  
\_ \$mm ` ¯s\$+ '\$de2 bac"upsaS !!  
t\$ta! 0  
d#DF777777. 3 \$mm dbg#p 45 ?u! 28 11Q44 &' sta'ce\_!\$ca!

## 3¥ ! f m o

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\_ \$mm ` ¯s\$+ '\$de2 &' sta'ce\_!\$calaS gs\_p#\$bac"up bac"up 7\* <\$pt<p#\$bac"up< 7'ce\_!\$s\$è"up7

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Å , • è ! Ý • €

\_ \$mm ` &s\$+ '\$de2 &'sta'ce\_!\$ca!aS gs\_p#\$bac"up set7c\$'Rg 7\* <\$pt<p#\$bac"up< 77

&'sta'ceA&'sta'ce\_!\$ca! 7d testdb 7p 26000

\_ \$mm ` &s\$+ '\$de2 &'sta'ce\_!\$ca!aS cat pg\_p#\$bac"up.c\$'U

d \*ac"up &'sta'ce &'U\$#ma8\$'

pgdata A <\$pt<&ssedb1<data<db1

s%stem7&de '8Re# A 3423299692713438

d 5\$' 'ec8\$' pa#amete#s

pgdatabase A testdb

pgp\$#t A 26000

\_ \$mm ` &s\$+ '\$de2 &'sta'ce\_!\$ca!aS gs\_p#\$bac"up bac"up 7\* <\$pt<p#\$bac"up< 77

&'sta'ce &'sta'ce\_!\$ca! 7d testdb 7b >OLL

(4>6Q \*ac"up sta#tB gs\_p#\$bac"up /e#s!\$'Q 2.4.2B &'sta'ceQ &'sta'ce\_!\$ca!B bac"up (DQ

3:G 9 ) ;B bac"up m\$deQ >OLLB Da! m\$deQ S23) - 9B #em\$teQ Ua!seB c\$mp#ess7

a!g\$#&thmQ '\$'eB c\$mp#ess7!e/e!Q 1

L6 , Q \*ac"up des8 'a8\$' &s &'&8a!&Med

L6 , Q 2h&s &ssedb &'sta'ce Das &'&8a!&Med D&th data b!\$c" chec"sums. Data b!\$c"

c\$##up8\$' D&!! be detected

L6 , Q Database bac"up sta#t

L6 , Q sta#ted st#eam&'g ; -L at 0<9000000 (8me!&'e 1)

\_2023707728 11Q44Q57aQ chec" &de '8U% s%stem success

\_2023707728 11Q44Q57aQ se'd S2- 32\_3) 1L(5-2(64 0<9000000 success

\_2023707728 11Q44Q57aQ "eepa!&/e message &s #ece&/ed

(4>6Q 1 , D-2- s&MeQ 620 9 \*

(4>6Q Sta#t t#a' sle###'g data R!es

\_2023707728 11Q44Q58aQ "eepa!&/e message &s #ece&/ed

L6 , Q 5#ea8'g page heade# map

h<\$pt<p#\$bac"up<bac"ups<&'sta'ce\_!\$ca!<3:G 9 ) ; <page\_heade#\_maph

\_2023707728 11Q45Q03aQ "eepa!&/e message &s #ece&/ed

\_2023707728 11Q45Q08aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q45Q13aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q45Q18aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q45Q23aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q45Q28aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q45Q33aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q45Q38aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q45Q44aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q45Q49aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q45Q55aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q46Q01aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q46Q06aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q46Q11aQ "eepa!%/e message &s #ece%/ed  
\_2023707728 11Q46Q17aQ "eepa!%/e message &s #ece%/ed  
(4>6Q Data R!es a#e t#a 's!e##edB 8me e!apsedQ 1mQ20s  
(4>6Q Da!t U\$# pg\_st\$P\_bac"up()  
(4>6Q pg\_st\$P bac"up() success!u!!% eFecuted  
L6 , Q st\$P\_!s'Q 0<9000308  
L6 , Q L\$"\$&'g U\$# LS4 0<9000308 &' segme'tQ 000000010000000000000009  
(4>6Q ; a!t U\$# LS4 0<9000308 &' st#eamed ; -L segme't  
<\$pt<p#\$bac"up<bac"ups<&'sta'ce\_!\$ca!<3:G 9 ) ; <database<pg\_F!\$g<00000001000  
00000000000009  
L6 , Q >\$u'd ; -L segme'tQ  
<\$pt<p#\$bac"up<bac"ups<&'sta'ce\_!\$ca!<3:G 9 ) ; <database<pg\_F!\$g<00000001000  
00000000000009  
L6 , Q 2h#ead \_0aQ 6pe'&'g ; -L segme't  
h<\$pt<p#\$bac"up<bac"ups<&'sta'ce\_!\$ca!<3:G 9 ) ; <database<pg\_F!\$g<00000001000  
00000000000009h  
L6 , Q >\$u'd LS4Q 0<9000308  
L6 , Q R'&shed st#eam&'g ; -L at 0<- 000000 (8me!&'e 1)  
L6 , Q , e g 'g the 3ec\$/e#% 2&me U#\$m ; -L

L6 , Q            2h#ead            \_0aQ            6pe ' & ' g            ; -L            segme't  
h<\$pt<p#\$bac"up<bac"ups<&'sta'ce\_!\$ca!<3:G9) ; <database<pg\_F!\$g<00000001000  
0000000000009h

(4>6Q S% ' c& ' g bac"up R!es t\$ d&s"

(4>6Q \*ac"up R!es a#e s% ' ced& 8me e!apsedQ 0

(4>6Q Ha!&da8 ' g bac"up 3:G9) ;

(4>6Q \*ac"up 3:G9) ; data R!es a#e /a!&d

(4>6Q \*ac"up 3:G9) ; #es&de't s&MeQ 6369 \*

(4>6Q \*ac"up 3:G9) ; c\$mp!eted

m o

4 f m o g , • €

\_ \$mm ` &s\$+ '\$de2 &'sta'ce\_!\$ca!aS gs\_p#\$bac"up sh\$D 7\* <\$pt<p#\$bac"up< 77  
&'sta'ce &'sta'ce\_!\$ca!

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAA

>('sta'ce He#s&\$' (D 3ec\$/e#% 2&me 9\$de ; -L 9\$de 2L( 2&me Data  
; -L .#a8\$ Sta#t LS4 St\$p LS4 2%pe Status

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAA

>&'sta'ce\_!\$ca! 9.2 3:G4G7 2023707728 12Q07Q58E08 >OLL S23) - 9 1<0 6s  
6209 \* 169 \* 1.00 0<D000028 0<D0001)8 >(L) 6=

**4 ¥ R            DML L M**

R            , D9L L M            , f m o

\_ \$mm ` &s\$+ '\$de2 caS gs ! 7d testdb 7p 26000 7#

gs ! ((&ssedb 5.0.0 bu!&d 4ec82cbe) c\$mp!ed at 2023707727 09Q58Q20 c\$mm&t 0 !ast  
m# )

4\$'7SSL c\$' 'ec8\$' (SSL c\$' 'ec8\$' &s #ec\$mme'ded Dhe' #e u&#&'g h&gh7secu#&t%)  
2%pe hhe!ph U\$# he!p.

[illegible]

```
>>>>2ab!e hpub!&c.test1h
>5$!um ' ^ 2%pe ^ 9 $d&Re#s
77777777E77777777E7777777777
>c$! ^ & ' tege# ^
```

5¥ , f m o

\_\$mm `&s\$+ '\$de2 & 'sta'ce\_!\$calaS gs\_p#\$bac"up bac"up 7\* <\$pt<p#\$bac"up< 77  
 &'sta'ce &'sta'ce\_!\$ca! 7d testdb 7b 123 -5=  
 (4>6Q \*ac"up sta#tB gs\_p#\$bac"up /e#s!\$'Q 2.4.2B &'sta'ceQ &'sta'ce\_!\$ca!B bac"up (DQ  
 3:G402B bac"up m\$deQ 123 -5=B Da! m\$deQ S23) - 9B #em\$teQ Ua!seB c\$mp#ess7  
 alg\$#&thmQ '\$'eB c\$mp#ess7!e/e!Q 1  
 L6 ,Q \*ac"up des8'a8\$' &s &'&8a!&Med  
 L6 ,Q 2h&s &ssedb &'sta'ce Das &'&8a!&Med D!th data b!\$c" chec"sums. Data b!\$c"  
 c\$##up8\$' D&!! be detected  
 L6 ,Q Database bac"up sta#t  
 L6 ,Q Latest /a!&d >OLL bac"upQ 3:G 9) ;  
 (4>6Q 1a#e't bac"upQ 3:G 9) ;  
 L6 ,Q sta#ted st#eam&'g ; -L at 0<\*000000 (8me!&'e 1)

\_2023707728 11Q58Q06aQ chec" &de '8U% s%stem success  
\_2023707728 11Q58Q06aQ se 'd S2- 32\_3)1L(5-2(6 4 0<\*000000 success  
\_2023707728 11Q58Q06aQ "eepa!&/e message &s #ece&/ed  
(4>6Q 1 , D-2- s&MeQ 620 9 \*  
L6 , Q 5u##e 't t!&Q 1  
L6 , Q 1a#e 't sta#t\_!s' Q 0<9000028  
L6 , Q sta#t\_!s' Q 0<\*000028  
(4>6Q )Ft#ac8 'g pagemap \$U cha 'ged b!\$c"s  
(4>6Q cha 'ge b&tmap sta#t !s' !\$ca8\$' &s 0<9000028  
(4>6Q cha 'ge b&tmap e 'd !s' !\$ca8\$' &s 00000000<0\*000028  
(4>6Q 1agemap successUu!!% eFt#acted& 8me e!apsedQ 0 sec  
\_2023707728 11Q58Q06aQ "eepa!&/e message &s #ece&/ed  
(4>6Q Sta#t t#a 's!e##&' g data R!es  
\_2023707728 11Q58Q11aQ "eepa!&/e message &s #ece&/ed  
\_2023707728 11Q58Q16aQ "eepa!&/e message &s #ece&/ed  
(4>6Q Data R!es a#e t#a 's!e##ed& 8me e!apsedQ 13s  
(4>6Q Da&t U\$# pg\_st\$p\_bac"up()  
(4>6Q pg\_st\$p bac"up() successUu!!% eFecuted  
L6 , Q st\$p\_!s' Q 0<\*0001)8  
L6 , Q L\$"\$&' g U\$# LS4 0<\*0001)8 &' segme 'tQ 000000010000000000000000\*  
(4>6Q ; a&t U\$# LS4 0<\*0001)8 &' st#eamed ; -L segme 't  
<\$pt<p#\$bac"up<bac"ups<&' sta 'ce\_!\$ca!<3:G402<database<pg\_F!\$g<0000000100000  
0000Q00000\*  
\_2023707728 11Q58Q24aQ "eepa!&/e message &s #ece&/ed  
L6 , Q 01"V&L& Q `e00e& , Q 01@"up<bac"ups<&' sta 'ce\_!\$ca!<3:

L6 , Q R ' & shed st#eam&' g ; -L at 0<5000000 (8me!&' e 1)  
L6 , Q , e g ' g the 3ec\$/e#% 2&me U#\$m ; -L  
L6 , Q 2h#ead \_0aQ 6pe'&' g ; -L segme't  
h<\$pt<p#\$bac"up<bac"ups<&' sta' ce\_!\$ca!<3:G402<database<pg\_F!\$g<000000010000  
000000000000\*h  
(4>6Q S% ' c&' g bac"up R!es t\$ d&s"  
(4>6Q \*ac"up R!es a#e s% ' cedB 8me e!apsedQ 0  
(4>6Q Ha!&da8 ' g bac"up 3:G402  
(4>6Q \*ac"up 3:G402 data R!es a#e /a!&d  
(4>6Q \*ac"up 3:G402 #es&de ' t s&MeQ 2739 \*  
(4>6Q \*ac"up 3:G402 c\$mp!eted  
4 f m o g ,  
\_ \$mm ` &s\$+ '\$de2 &' sta' ce\_!\$ca!aS gs\_p#\$bac"up sh\$D 7\* <\$pt<p#\$bac"up< 77  
&' sta' ce &' sta' ce\_!\$ca!  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAA  
>(' sta' ce He#s&\$' (D 3ec\$/e#% 2&me 9\$de ; -L 9\$de 2L( 2&me Data  
; -L .#a8\$ Sta#t LS4 St\$p LS4 2%pe Status  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAA  
>&' sta' ce\_!\$ca! 9.2 3:G4(7 2023707728 12Q08Q32E08 123-5= S23)- 9 1<1 6s  
2579 \* 169 \* 1.00 0<>000028 0<>0001)8 >(L) 6=  
>&' sta' ce\_!\$ca! 9.2 3:G4G7 2023707728 12Q07Q58E08 >OLL S23)- 9 1<0 6s  
6209 \* 169 \* 1.00 0<D000028 0<D0001)8 >(L) 6=

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! m o É û © v É û © , f m o M · é Â

\_ \$mm ` &s\$+ '\$de2 &' sta' ce\_!\$ca!aS gs\_p#\$bac"up me#ge 7\* <\$pt<p#\$bac"up< 77  
&' sta' ce &' sta' ce\_!\$ca! 7& 3:G4(7  
(4>6Q 9e#ge sta#ted  
(4>6Q 9e#g&' g bac"up 3:G4(7 D&th pa#e' t cha&'  
(4>6Q Ha!&date pa#e' t cha&' U\$# bac"up 3:G4(7  
(4>6Q Ha!&da8' g bac"up 3:G4G7  
(4>6Q \*ac"up 3:G4G7 data R!es a#e /a!&d  
(4>6Q Ha!&da8' g bac"up 3:G4(7  
(4>6Q \*ac"up 3:G4(7 data R!es a#e /a!&d  
L6 , Q 3est\$#e d&#ect\$#&es a'd s%m!&' "s... &'  
<\$pt<p#\$bac"up<bac"ups<&' sta' ce\_!\$ca!<3:G4G7<database  
(4>6Q Sta#t me#g&' g bac"up R!es  
L6 , Q 5#ea8' g page heade# map  
h<\$pt<p#\$bac"up<bac"ups<&' sta' ce\_!\$ca!<3:G4G7<page\_heade#\_map\_tmph  
(4>6Q \*ac"up R!es a#e successUu!!% me#ged& 8me elapsedQ 8s  
(4>6Q De!eteQ 3:G4(7 2023707728 12Q08Q32E08  
L6 , Q 3e' ame <\$pt<p#\$bac"up<bac"ups<&' sta' ce\_!\$ca!<3:G4G7 t\$  
<\$pt<p#\$bac"up<bac"ups<&' sta' ce\_!\$ca!<3:G4(7  
(4>6Q 3e' ame me#ged Uu!! bac"up 3:G4G7 t\$ 3:G4(7  
(4>6Q Ha!&da8' g bac"up 3:G4(7  
(4>6Q \*ac"up 3:G4(7 data R!es a#e /a!&d  
(4>6Q 9e#ge \$U bac"up 3:G4(7 c\$mp!eted  
\_ \$mm ` &s\$+ '\$de2 &' sta' ce\_!\$ca!aS !!  
t\$ta! 4  
7#D777777. 1 \$mm dbg#p 159 ?u! 28 11Q44 pg\_p#\$bac"up.c\$' U  
d#DF777777. 3 \$mm dbg#p 97 ?u! 28 12Q10 3:G4(7

7 ¥ te"t+ . 6 ū p q

\_ \$mm ` &s\$+ '\$de2 caS gs !7d p\$stg#es 7p 26000 7#  
gs ! ((&ssedb 5.0.0 bu&d 4ec82cbe) c\$mp!ed at 2023707727 09Q58Q20 c\$mm&t 0 !ast  
m# )

4\$'7SSL c\$' ' ec8\$' (SSL c\$' ' ec8\$' &s #ec\$mme' ded Dhe' #e u&#&'g h&gh7secu#&t%)  
2%pe hhe!ph U\$# help.

&ssedbAd d#\$p database testdbC

D361 D-2- \* - S)

\_ \$mm ` &s\$+ '\$de2 caS gs !7d testdb 7p 26000 7#

gs !Q >-2-LQ database htestdbh d\$es '\$t eF&st

- #est\$#e % Š — v h i (SS)D\* v û db1 w x

\_ \$mm ` &s\$+ '\$de2 caS gs\_ct! st\$p 7D <\$pt<&ssedb1<data<db1

\_2023707728 12Q18Q57.916a\_79294a\_a\_gs\_ct!aQ gs\_ct! st\$pped Bdatad&# &s

<\$pt<&ssedb1<data<db1

Da&8'g U\$# se#/e# t\$ shut d\$D' ..... d\$'e

se#/e# st\$pped

\_#\$St ` &s\$+ '\$de2 cad cd <\$pt<&ssedb1<data

\_#\$St ` &s\$+ '\$de2 dataad m/ db1 db1\_ba"

Å , #est\$#e p q å ë — © g ,

\_ \$mm ` &s\$+ '\$de2 &'sta'ce\_!\$ca!aS gs\_p#\$bac"up #est\$#e 7\* <\$pt<p#\$bac"up< 77

&'sta'ce &'sta'ce\_!\$ca! 7D <\$pt<&ssedb1<data<db1 7& 3:G4(7

L6 , Q 3est\$#e beg&'.

L6 , Q chec" tab!espace d&#ect\$#&es \$U bac"up 3:G4(7

L6 , Q chec" eFte# 'a! d&#ect\$#&es \$U bac"up 3:G4(7

(4>6Q Ha!&da8'g bac"up 3:G4(7

(4>6Q \*ac"up 3:G4(7 data R!es a#e /a!&d

L6 , Q 2h#ead \_1aQ 6pe'&'g ; -L segme't

h<\$pt<p#\$bac"up<bac"ups<&'sta'ce\_!\$ca!<3:G4(7<database<pg\_F!\$g<000000010000

00000000000>h

(4>6Q \*ac"up 3:G4(7 ; -L segme'ts a#e /a!&d

(4>6Q \*ac"up 3:G4(7 &s /a!&d.

(4>6Q 3est\$#&'g the database U#\$m bac"up at 2023707728 12Q08Q31E08

L6 , Q 3est\$#e d&#ect\$#&es a'd s%mi!&' "s... &' <\$pt<&ssedb1<data<db1

(4>6Q Sta#t #est\$# 'g bac"up R!es. 1 , D-2- s!MeQ 636 9 \*  
L6 , Q Sta#t th#ead 1  
(4>6Q \*ac"up R!es a#e #est\$#ed. 2#a 's!e#ed b%tesQ 1000 9 \*B 8me e!apsedQ 28s  
(4>6Q 3est\$#e & 'c#eme 'ta! #a8\$ (!ess &s beNe#)Q 157 J (1000 9 \*<636 9 \*)  
(4>6Q S%'c& 'g #est\$#ed R!es t\$ d&s"  
(4>6Q 3est\$#ed bac"up R!es a#e s%'cedB 8me e!apsedQ 1s  
(4>6Q 3est\$#e \$U bac"up 3:G4(7 c\$mp!eted.

j k            û t u            ž    p q  
\_ \$mm ` &s\$+ '\$de2 caS gs\_ct! sta#t 7D <\$pt<&ssedb1<data<db1  
\_2023707728      12Q22Q08.206a\_79316a\_a\_gs\_ct!aQ      gs\_ct!      sta#tedBdatad&#      &s  
<\$pt<&ssedb1<data<db1  
\_2023707728 12Q22Q12.404a\_79316a\_a\_gs\_ct!aQ Da&8 'g U\$# se#/e# t\$ sta#t...  
.0 L6 , Q \_-!a#m 9 \$du!eaca' ' \$t #ead , -OSS\_ ; -34(4 , \_2:1) e' /.

0 L6 , Q \_-!a#m 9 \$du!eaG\$st 4ameQ &s\$+ '\$de2

0 L6 , Q \_-!a#m 9 \$du!eaG\$st (1Q &s\$+ '\$de2. 5\$P% h\$st 'ame d!#ect!% &' case \$U ta"&'g  
10s t\$ use \geth\$stb%' ameY Dhe ' <etc<h\$sts d\$es ' \$t c\$' ta&' @G6S2 (10

0 L6 , Q \_-!a#m 9 \$du!ea5!uste# 4ameQ db5!uste#

0 L6 , Q \_-!a#m 9 \$du!ea('/a!&d data &' -!a#m(tem R!ei 3ead ala#m ) 'g!&sh 'ame  
Ua&!edi !&'eQ 57

0 ; -34(4 , Q Ua&!ed t\$ \$pe' Ueatu#e c\$' t#\$! R!eB please chec" Dhethe# &t eF!stsQ  
>!e4ameA(SS)D\*./e#s!\$'B )##' \$A2B )##messageA4\$ such R!e \$# d!#ect\$#%.

0 ; -34(4 , Q Ua&!ed t\$ pa#se Ueatu#e c\$' t#\$! R!eQ &ssedb./e#s!\$'.

0 ; -34(4 , Q >a&!ed t\$ !\$ad the p#\$duct c\$' t#\$! R!eB s\$ &ssedb ca' ' \$t d&s8 'gu!sh  
p#\$duct /e#s!\$'.

0 L6 , Q bb\$F\_dump\_path &s set t\$ <\$pt<&ssedb1<c\$#eR!e<

2023707728 12Q22Q13.187 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 D\*010 0\_3)D6a L6 ,Q 3ec\$/e#% pa#a!!e!&smB cpu c\$u't A 2B maF A 4B actual  
A 2

2023707728 12Q22Q13.187 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 D\*010 0\_3)D6a L6 ,Q 5\$'Rg3ec\$/e#%1a#a!!e!&smB  
t#ue\_maF\_#ec\$/e#%\_pa#a!!e!&smQ4B maF\_#ec\$/e#%\_pa#a!!e!&smQ4

2023707728 12Q22Q13.399 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 00000 0\_\*-5=)4Da L6 ,Q \_-!a#m 9\$du!eaca' '\$t #ead  
, -0SS\_ ; -34(4 ,\_2:1) e' /.

2023707728 12Q22Q13.399 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 00000 0\_\*-5=)4Da L6 ,Q \_-!a#m 9\$du!eaG\$st 4ameQ &s\$+ '\$de2

2023707728 12Q22Q13.399 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 00000 0\_\*-5=)4Da L6 ,Q \_-!a#m 9\$du!eaG\$st (1Q &s\$+ '\$de2. 5\$P%  
h\$st'ame d&#ect!% &' case \$U ta"&'g 10s t\$ use Ygeth\$stb%'ameY Dhe' <etc<h\$sts d\$es  
'\$t c\$'ta&' @G6S2 (10

2023707728 12Q22Q13.399 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 00000 0\_\*-5=)4Da L6 ,Q \_-!a#m 9\$du!ea5!uste# 4ameQ db5!uste#

2023707728 12Q22Q13.399 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 00000 0\_\*-5=)4Da L6 ,Q \_-!a#m 9\$du!ea(' /a!&d data &' -!a#m(tem R!ei  
3ead a!a#m ) 'g!&sh 'ame Ua&!edi !&'eQ 57

.2023707728 12Q22Q13.416 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 00000 0\_\*-5=)4Da L6 ,Q !\$aded !&b#a#% hsecu#&t%\_p!ug&'h

2023707728 12Q22Q13.418 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 01000 0\_\*-5=)4Da ; -34(4 ,Q c\$u!d '\$t c#eate a'% G- 251<(1 s\$c"ets

2023707728 12Q22Q13.418 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 01000 0\_\*-5=)4Da ; -34(4 ,Q c\$u!d '\$t c#eate a'% G- 251<(1 s\$c"ets

2023707728 12022013.421 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 00000 0 \_\*-5=)4Da L6 ,Q ('&t4uma 'uma4\$de4umQ 1  
'uma\_d&st#bute\_m\$deQ '\$'e &'he#&t2h#ead1\$\$!Q 0.

2023707728 12022013.421 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 01000 0 \_\*-5=)4Da ; -34(4 ,Q >a&led t\$ &'&8a!&Me the mem\$#% p#\$tect U\$#  
g\_&'sta'ce.aN#aN#\_st\$#age.cst\$#e\_buXe#s (16 9b%tes) \$# sha#ed mem\$#% (1188  
9b%tes) &s !a#ge#.

2023707728 12022014.278 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 00000 0 \_5-5G)a L6 ,Q set data cache s&Me(12582912)

2023707728 12022017.650 64c34274.1 \_u''''\$D'a 139730238255360 \_u''''\$D'a 0  
d'\_6001 00000 0 \_S) , 9)42\_1- , )a L6 ,Q Segme't7page c\$'sta'tsQ D>\_9 -1\_S(. )Q  
8156B D>\_9 -1\_\*(2\_542Q 65248B D>\_9 -1\_ ,3601\_)K2)42SQ 4175872B  
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