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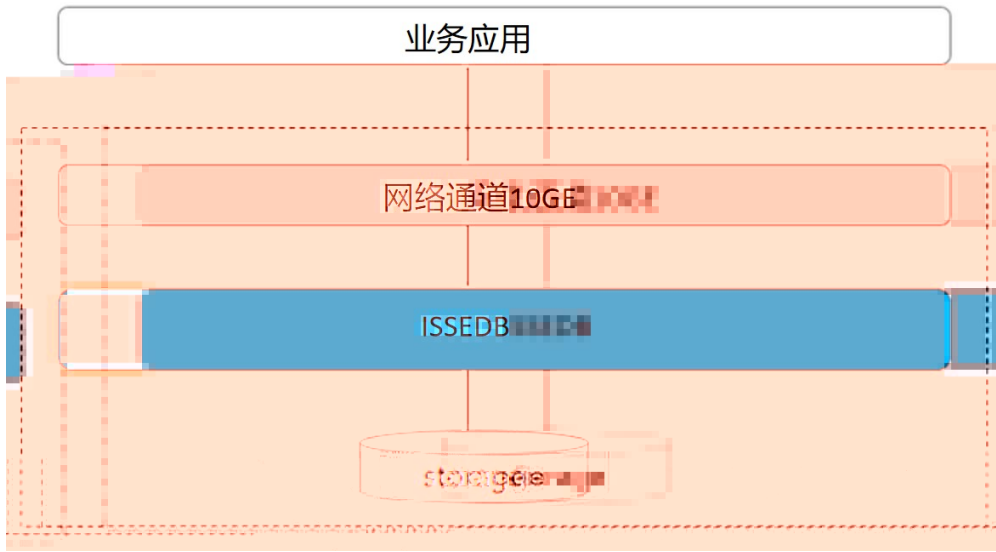
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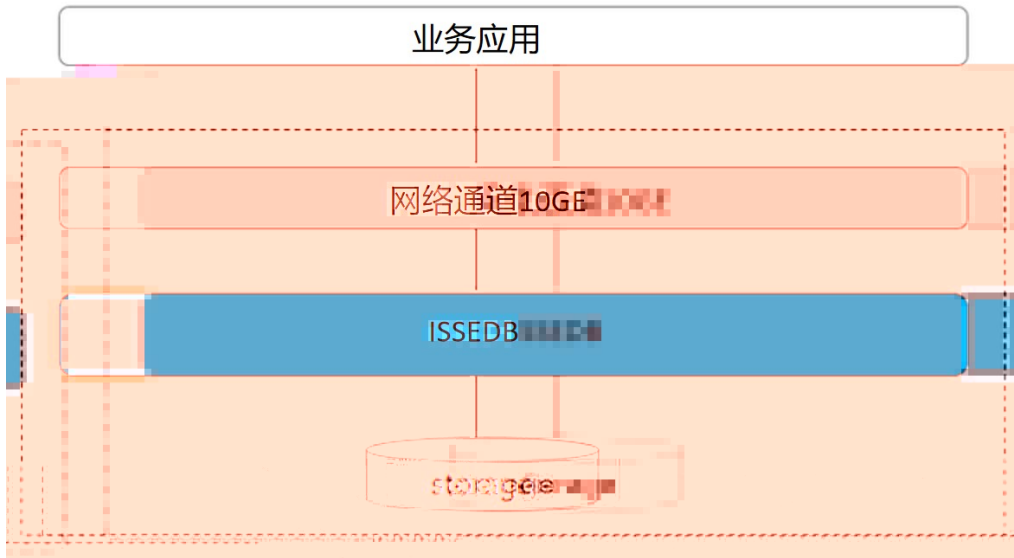
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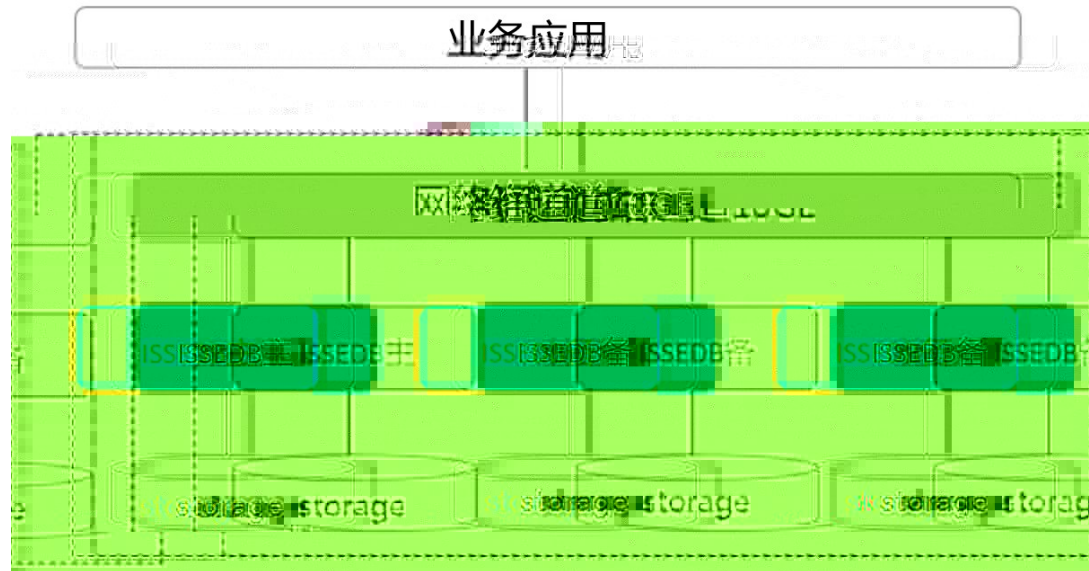


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防火墙配置

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sudo s7stemctl status ;ire<alld+service
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sudo s7stemctl stop ;ire<alld+service
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sudo s7stemctl disable ;ire<alld+service
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sudo ;ire<all-cmd --state
sudo s7stemctl status ;ire<alld+service
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;ire<all-cmd --reload
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;ire<all-cmd --list-port
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;ire<all-cmd --one1pu8lic --permanent --add-port1%4=9/tcp
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时间同步配置

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ll /etc/localtime
date
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cp /usr/share/.onein;o/> /> /etc/localtime
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7um install -7 ntpd  
@"ent64 ed-at chron7d ntpd ! " #  
chron7d$ntpd%& ' ( ) * +, - . / O  
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@1 23 ntpd 4563 chron7d O  
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@AAA  
s7stemctl disa8le chron7d BB s7stemctl stop chron7d  
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dri;t;ile /var/li8/ntp/dri;t
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;ud:e *9$+*9$+*+& stratum *&
dri;t;ile /var/li8/ntp/dri;t
8roadcastdela7 &+&&8
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server *C9+*68+*&&+*& pre;er
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s7stemctl start ntpd
s7stemctl enable ntpd
s7stemctl status ntpd
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系统内核参数配置

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s7sctI kernel+sem1D4&C6 9&C\$*%9&&& 4&C6 %*9&&&D

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s7sctI kernel+shma11D9684=%4%D

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s7sctI kernel+shmmni1D8*C9&&D
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s7sctI net+core+netdev_max_8acklo:1D*'&&&&D
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s7sctI net+core+somaxconn1D4&C6D
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s7sctI net+ipv4+tcp_; in_timeout1D%D
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s7sctI vm+dirt7_8ack: round_87tes1D4&C6&&&&D
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s7sctl vm+dirt7_ratio1D8&D
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;s+;ile-max1 $6$946&&
kernel+sem 1 4&C6 9&C$*%9&&& 4&C6 %*9&&&
kernel+shmall 1 9684=%4%            E pa:esF 8&G MOM or hi:her
kernel+shmmx 1 68$*C4$6$=6        E 87tesF 8&G MOM or hi:her
kernel+shmmni 1 8*C9&&
net+core+netdev_max_8acklo: 1 *&&&&
net+core+rmem_de;ault 1 969*44
net+core+rmem_max 1 4*C4=&4
net+core+<mem_de;ault 1 969*44
net+core+<mem_max 1 4*C4=&4
net+core+somaxconn 1 4&C6
net+ipv4+tcp_;in_timeout 1 %
vm+dirt7_8ack: round_87tes 1 4&C6&&&&&
vm+dirt7_expire_centisecs 1 =&&&
vm+dirt7_ratio 1 8&
vm+dirt7_<rite8ack_centisecs 1 %&
vm+overcommit_memor7 1 &
vm+s<appiness 1 &
net+ipv4+ip_local_port_ran:e 1 4&&&& 6%=%
;s+nr_open 1 9&48&&&&
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vi /etc/selinux/con; i:
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reboot
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vi /etc/ssh/sshd_con; i:
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service sshd restart
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vi /etc/s7stemd/lo: ind+con;
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vi /usr/li8/s7stemd/s7stem/s7stemd-lo: ind+service
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s7stemctl daemon-reload  
s7stemctl restart s7stemd-lo: ind
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lo: inctl sho<-session l :rep emovel("  
s7stemctl sho< s7stemd-lo: ind l :rep emovel("
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i; con; i: eth& mtu 8*C9
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cat /s7s/class/net/ . /mtu .
echo 28*C92 @ /s7s/class/net/ . /mtu .
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项目名称	描述说明	备注
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项目名称	名称	所属类型	规划建议
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A8	BCDEF	; <	= > ? @

! wx VW

目录名称	对应名称	目录作用
G9FHGI9JHKLEMGNIMBC	I9JHKLEM	OPQRSTUVWXYZ
G9FHGNIMBCGNWIHLXXGLFF	YZZ[\]^_`~	abcOPUV
G9FHGNIMBCGX9D	YZZ[\]d9D_LH`	efUV
G9FHGNIMBCGNWIHLXXGBLHLGBCg	BLHLh9BMg	ijabSTUV
G9FHGNIMBCGH: F	H: Fk FFBC_LH`	lmRUV
G9FHGNIMBCGNIMBCH99XIG9:	YZZ[\]n99X_LH`	abcopUV
G9FHGNIMBCGq9EMJNXM	q9EM_LH`	abcq9EMmRUV

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```
5i /etc/hostname
hostnamectl set-hostname iso; tnode9 E *C9+*68+*46+*69
```

T @

```
vi /etc/hosts
*C9+*68+*46+*69 iso; tnode9
```

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```
useradd -m omm
pass<d omm)9&9=
```

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```
mkdir -p /opt/so; t<are/issed8
chmod $%% - /opt/so; t<are
```

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```

IIIMBC so; t nproc unlimited
IIIMBC hard nproc unlimited
IIIMBC so; t stack unlimited
IIIMBC hard stack unlimited
IIIMBC so; t core unlimited
IIIMBC hard core unlimited
IIIMBC so; t memlock unlimited
IIIMBC hard memlock unlimited
IIIMBC so; t no; ile *&94&&&&
IIIMBC hard no; ile *&94&&&&

```

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-- QRr
cd /opt/so; t<are/issed8
<: et https://issed8-%+o8s+cn-north-4+m7hua<eicloud+com/issed8/centos-
x86_64/issed8-%+&+&-"ent64-x86_64-A33+tar+:.
E s t QRr v s t IIIMBC-%+&+&-"ent64-648it-all+tar+:. u 4 v w +sha9%6 m
R x y z { | } ~ • € J, A' 44-%&9&*K : #he /opt/so; t<are/issed8/issed8-
9+&+&- ed-at-648it+sha9%6 does not exist+

```

```
tar -xvf; IIMBC-%&+&-"ent64-648it-all+tar+:.
tar -xvf; IIMBC-%&+&-"ent64-648it-om+tar+:.
```

!

! { | ~

H P

```
-- i j root 37
-- • /opt/so;t<are/issued8 UV , f cluster_con; i:+xml mR
-- z { ; < „
cat @ cluster_con; i:+xmlLL06M
LNxml version12*+&2 encodin: 12' #M-82N@
L 66#@
L0-- l440PQ...† ‡ ^ --@
L"3' 4#0 @
L(A AM name12cluster/ame2 value12d8"luster2 /@
L(A AM name12node/ames2 value12iso; tnode92 /@
L(A AM name128acklp*s2 value12*C9+*68+*46+*692/@
L(A AM name12l440PQApp(ath2 value12/opt/issued8*/app2 /@
L(A AM name12l440PQ3o:(ath2 value12/opt/issued8*/lo:/issued82 /@
L(A AM name12l440PQ#ool(ath2 value12/opt/issued8*/tool2 /@
L(A AM name12core(ath2 value12/opt/issued8*/core; ile2/@
L(A AM name12cluster#7pe2 value12sin: le-inst2/@
L/"3' 4#0 @
L0-- %Š < Œ i j ‡ ^ --@
LP05I"03l4#@
L0-- node* Œ i j ‡ ^ --@
LP05I"0 sn12*#####*2@
L(A AM name12name2 value12iso; tnode92/@
L(A AM name12a./ame2 value12AR*2/@
L(A AM name12a.(riorit72 value12*2/@
L0-- „ • < , Ž • @• ' 3 ' 8ackl(*" sshl(* " ( •
l( --@
L(A AM name128acklp*2 value12*C9+*68+*46+*692/@
L(A AM name12sshlp*2 value12*C9+*68+*46+*692/@

L0--d8node--@
L(A AM name12data/um2 value12*2/@
L(A AM name12data(ortQase2 value1296###2/@
L(A AM name12data/ode*2 value12/opt/issued8*/data/d8*2/@
L/P05I"0@
L/P05I"03l4#@
L/ 66#@
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```

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E root 37 i j ; <

-- • li8c

export 3P_31Q A S_(A#-1/opt/so; t<are/issed8/script/l4p7li8/cli8:
>3P_31Q A S_(A#-

--

```

Oe: in to distri8ute packa:e to packa:e path+
4uccess;ull7 distri8ute packa:e to packa:e path+
4uccess;ull7 distri8uted packa:e+
Are 7ou sure 7ou <ant to create the userJommK and create trust ;or it
(7es/no!N 7es -- ^ a « 7es
(lease enter pass<ord ;or cluster user+
(ass<ord: -- • omm - -
(lease enter pass<ord ;or cluster user a:ain+
(ass<ord: -- ® ^ a « omm - -
,enerate cluster user pass<ord ;iles success;ull7+

4uccess;ull7 created JommK user on all nodes+
(reparin: 44- service+
4uccess;ull7 prepared 44- service+
Installin: the tools in the cluster+
4uccess;ull7 installed the tools in the cluster+
"heckin: hostname mappin: +
4uccess;ull7 checked hostname mappin: +
"reatin: 44- trust ;or JommK user+
(lease enter pass<ord ;or current userJommK+
(ass<ord: -- ^ a « omm - -
"heckin: net<ork in;ormation+
All nodes in the net<ork are /ormal+
4uccess;ull7 checked net<ork in;ormation+
"reatin: 44- trust+
"reatin: the local ke7 ;ile+
4uccess;ull7 created the local ke7 ;iles+
Appendin: local IP to authori.ed_ke7s+
4uccess;ull7 appended local IP to authori.ed_ke7s+
'pdatin: the kno<n_hosts ;ile+
4uccess;ull7 updated the kno<n_hosts ;ile+
Appendin: authori.ed_ke7 on the remote node+
4uccess;ull7 appended authori.ed_ke7 on all remote node+
"heckin: common authentication ;ile content+
4uccess;ull7 checked common authentication content+
Pistri8utin: 44- trust ;ile to all node+
Pistri8utin: trust ke7s ;ile to all node success;ull7+
4uccess;ull7 distri8uted 44- trust ;ile to all node+
5eri;7in: 44- trust on all hosts+
4uccess;ull7 veri;ied 44- trust on all hosts+
4uccess;ull7 created 44- trust+
4uccess;ull7 created 44- trust ;or JommK user+
"heckin: 64 so;t<are+
4uccess;ull7 check os so;t<are+
"heckin: 64 version+
4uccess;ull7 checked 64 version+
"reatin: clusterDs path+
4uccess;ull7 created clusterDs path+
4et and check 64 parameter+
4ettin: 64 parameters+
4uccess;ull7 set 64 parameters+
Uarnin: : Installation environment contains some <arnin: messa:es+
(lease :et more details 87 2/opt/so;t<are/issed8/script/:s_checkos -i A
-h node*Fnode9FIIIIMBC-d8= --detail2+
4et and check 64 parameter completed+

```

```

(reparin: " 6/ service+
4uccess;ull7 prepared " 6/ service+
4ettin: user environmental varia8les+
4uccess;ull7 set user environmental varia8les+
4ettin: the d7namic link li8rar7+
4uccess;ull7 set the d7namic link li8rar7+
4ettin: "ore ;ile
4uccess;ull7 set core path+
4ettin: pssh path
4uccess;ull7 set pssh path+
4ettin: ":roup+
4uccess;ull7 set ":roup+
4et A M 6ptimi.ation+
/o need to set A M 6ptimi.ation+
Mixin: server packa:e o<ner+
4ettin: ;inish ;la:+
4uccess;ull7 set ;inish ;la:+
(reinstallation succeeded+

-- ~> | OP©• ‡ ^ _ j - b | } ~° ...=a
Jroot)op_master scriptKE /opt/so;t<are/issed8/script/:s_checkos -i A -h
op_masterFop_slave --detail
"heckin: items:
  A*+ J 64 version status K : /ormal
    Jop_slaveK
    centos_$(cat /etc/redhat-release | grep -oP '(?<=)^[0-9]*')_64bit
    Jop_masterK
    centos_$(cat /etc/redhat-release | grep -oP '(?<=)^[0-9]*')_64bit
  A9+ J Vernel version status K : /ormal
    #he names about all kernel versions are same #he value is
2=+*+&&-C%$+el$+x86_64+
  A=+ J 'nicode status K : /ormal
    #he values o; all unicode are same #he value is 23A/,1en_'4+'#M-
82+
  A4+ J #ime .one status K : /ormal
    #he in;ormations about all time.ones are same #he value is
2W&8&&2
  A%+ J 4<ap memor7 status K :
Uarnin:
  Jop_slaveK
4<apMemor7 4*6&$4%4$9 #otalMemor7 4*9=&&C&94
  Jop_masterK
4<apMemor7 4*6&$4%4$9 #otalMemor7 4*9=*&$9*6
  A6+ J 47stem control parameters status K : /ormal
    All values about s7stem control parameters are correct+
  A$+ J Mile s7stem con; i:uration status K : /ormal
    Qoth so; t no; ile and hard no; ile are correct+
  A8+ J Pisk con; i:uration status K : /ormal
    #he value about TM4 mount parameters is correct+
  AC+ J (re-read 8lock si.e status K : /ormal
    #he value about 3o: ical 8lock si.e is correct+
  A**+J /et<ork card con; i:uration status K : Uarnin:
    Jop_slaveK
QondMode /ull

```



```

@ --dn-: uc12shared_8u; ;ers1*98MQ2 X
@ --dn-: uc128ulk_<rite_rin: _si.e1*98MQ2 X
@ --dn-: uc12cstore_8u; ;ers1*6MQ2
(arsin: the con; i:uration ; ile+
"heck preinstall on ever7 node+
4uccess; ul17 checked preinstall on ever7 node+
"reatin: the 8ackup director7+
4uccess; ul17 created the 8ackup director7+
8e: in deplo7++
Installin: the cluster+
8e: in prepare Install "luster++
"heckin: the installation environment on all nodes+
8e: in install "luster++
Installin: applications on all nodes+
4uccess; ul17 installed A((+
8e: in init Instance++
encr7pt cipher and rand ; iles ; or data8ase+
(lease enter pass<ord ; or data8ase:
(lease repeat ; or data8ase:
J,A'44-%&=&6K : #he pass<ord o; data8ase is incorrect+#he t<o pass<ords
are di;; erentF please enter pass<ord a:ain+
(lease enter pass<ord ; or data8ase:
(lease repeat ; or data8ase:
8e: in to create "A cert ; iles
#he      sslcert      <ill      8e      : enerated      in
/opt/issed8/install/app/share/sslcert/om
"reate "A ; iles ; or cm 8e: innin: +
"reate      "A      ; iles      on      director7
J/opt/issed8/install/app_a&$d%$c=/share/sslcert/cmK+ ; ile list:
JDcacert+pemDF Dserver+ke7DF Dserver+crtDF Dclient+ke7DF Dclient+crtDF
Dserver+ke7+cipherDF      Dserver+ke7+randDF      Dclient+ke7+cipherDF
Dclient+ke7+randDK
/on-dss_ssl_ena8leF no need to create "A ; or P44
"luster installation is completed+
"on; i:urin: +
Peletin: instances ; rom all nodes+
4uccess; ul17 deleted instances ; rom all nodes+
"heckin: node con; i:uration on all nodes+
Initiali.in: instances on all nodes+
'pdatin: instance con; i:uration on all nodes+
"heck consistence o; mem"heck and cores"heck on data8ase nodes+
4uccess; ul check consistence o; mem"heck and cores"heck on all nodes+
"on; i:urin: p: _h8a on all nodes+
"on; i:uration is completed+
4uccess; ul17 installed application+
end deplo7+

```

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DIBC
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```

su - omm

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cd /opt/so;t<are/issed8/script

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+/: s_uninstall

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		78wx
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		s ^ wx
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stname
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```
hostnamectl set-hostname node9 E• abc i j *C9+*68+*46+*=* z {  
T @
```

```
vi /etc/hosts  
*C9+*68+*46+*=& node*  
*C9+*68+*46+*=* node9
```

78 » Kwx

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```
useradd -m omm  
pass<d omm)9&9=
```

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PÂ

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```
mkdir -p /opt/so; t<are/issed8/  
chmod $%% - /opt/so; t<are
```

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```
issued8 so; t nproc unlimited  
issued8 hard nproc unlimited  
issued8 so; t stack unlimited  
issued8 hard stack unlimited  
issued8 so; t core unlimited  
issued8 hard core unlimited  
issued8 so; t memlock unlimited  
issued8 hard memlock unlimited  
issued8
```

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```
-- QRr
cd /opt/so;t<are/issed8
<:et https://issed8-%+o8s+cn-north-4+m7hua<eicloud+com/issed8/centos-
x86_64/issed8-%&+&-"ent64-x86_64-A33+tar+:.
E s t QRr F s t issed8-%&+&-"ent64-648it-all+tar+:. u 4v w +sha9%6 mR
x y z { | } ~ • € J,A'44-%&9&*K : #he /opt/so;t<are/issed8/issed8-
9+&+&- ed-at-648it+sha9%6 does not exist+
```

```
tar -. xv; issed8-%&+&-"ent64-648it-all+tar+:.
tar -. xv; issed8-%&+&-"ent64-648it-om+tar+:.
tar -. xv; issed8-%&+&-"ent64-648it-cm+tar+:.
```

!

! { I ~

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-- i j

```

L0--"MÍ Ž Ō Ő Í • i j 8ÀÑÒ ip--@
value12*C9+*68+*46+*%$F*C9+*68+*46+*%82 /@
value12op_masterFop_slave2 /@
L(A AM name12cm4erver3istenIp*2
L(A AM name12cm4erver elation2

L0--d8node--@
L(A AM name12data/um2 value12*2/@
L0--PQnode Ő → Ö--@
L(A AM name12data(ortQase2 value1296&&&2/@
L0--PQnode i j Œ a b UV À x a b UV--@
L(A AM name12data/ode*2
value12/opt/issed8/install/data/d8*Fop_slaveF/opt/issed8/install/data/
d8*2/@
L0--PQnode i j Œ • Æ ( ) Ø + i j a --@
L(A AM name12dataop_master_s7nc/um2 value12&2/@
L/P05I"0@

L0-- op_slave Œ i j ‡ ^ Œ ~ 2name2 Û Ú × 8Ì
(hostname! --@
LP05I"0 sn12*'&&&&&92@
L(A AM name12name2 value12op_slave2/@
L(A AM name12a./ame2 value12AR*2/@
L(A AM name12a.(riorit72 value12*2/@
L0-- „ • < , Ž • @•' 3 ' 8ackl(*" sshl(* " ( •
l( --@
L(A AM name128ackIp*2 value12*C9+*68+*46+*%82/@
L(A AM name12sshIp*2 value12*C9+*68+*46+*%82/@
L(A AM name12cmPir2 value12/opt/issed8/install/data/cm2 /@
L/P05I"0@
L/P05I"03I4#@
L/ 66#@
06M
< œ

```

实例类型	参数
ù • €	
	> { ~v HI J { Ö HI ~v ¥ ¥ Â
	> © Ž Â
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实例类型	参数
	T = 0 T Q 0 A

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E root 37 i j ; <
-- • li8c
export 3P_3IQ A S_(A#-1/opt/so;t<are/issed8/script/l4p7li8/cli8:
>3P_3IQ A S_(A#-
-- z { | z {
p7thon= /opt/so;t<are/issed8/script/:s_preinstall -' omm -, d8: rp -T
/opt/so;t<are/issed8/cluster_con;i:+xml
E | z { -- ~™efš> œ•ž so;t<are UV mRâ i j ' i j
scripts ssh-a:ent+shœ•ÿ /root/+ssh/UV z { i ' €£¤ ,
fž omm 37 %• i j /etc/pro;ile • ¥!
E | z { §" z { --' ~> /opt/issed8/lo:/omm/om UV
E z { --' ~> /opt/issed8/lo:/omm/om UV :s_preinstall ef m R
:s_preinstall_xxx+lo: mR
-- | } ~z { ©• „
(arsin: the con;i:uration ;ile+
4uccess;ull7 parsed the con;i:uration ;ile+
Installin: the tools on the local node+
4uccess;ull7 installed the tools on the local node+
Are 7ou sure 7ou <ant to create trust ;or root (7es/no!N7es -- a « 7es
(lease enter pass<ord ;or root
(ass<ord: a « root --
4uccess;ull7 created 44- trust ;or the root permission user+
4ettin: host ip env
4uccess;ull7 set host ip env+
Pistri8utin: packa:e+
Qe: in to distri8ute packa:e to tool path+
4uccess;ull7 distri8ute packa:e to tool path+
Qe: in to distri8ute packa:e to packa:e path+
4uccess;ull7 distri8ute packa:e to packa:e path+
4uccess;ull7 distri8uted packa:e+
Are 7ou sure 7ou <ant to create the userJommK and create trust ;or it
(7es/no!N 7es -- a « 7es
(lease enter pass<ord ;or cluster user+
(ass<ord: -- • omm --
(lease enter pass<ord ;or cluster user a:ain+
(ass<ord: -- ® a « omm --
,enerate cluster user pass<ord ;iles success;ull7+
4uccess;ull7 created JommK user on all nodes+
(reparin: 44- service+
4uccess;ull7 prepared 44- service+
Installin: the tools in the cluster+

```

```

4access;ull7 installed the tools in the cluster+
"heckin: hostname mappin:+
4access;ull7 checked hostname mappin:+
"reatin: 44- trust ;or JommK user+
(lease enter pass<ord ;or current userJommK+
(ass<ord:  -- ^ « omm  - -
"heckin: net<ork in;ormation+
All nodes in the net<ork are /ormal+
4access;ull7 checked net<ork in;ormation+
"reatin: 44- trust+
"reatin: the local ke7 ;ile+
4access;ull7 created the local ke7 ;iles+
Appendin: local IP to authori.ed_ke7s+
4access;ull7 appended local IP to authori.ed_ke7s+
'pdatin: the kno<n_hosts ;ile+
4access;ull7 updated the kno<n_hosts ;ile+
Appendin: authori.ed_ke7 on the remote node+
4access;ull7 appended authori.ed_ke7 on all remote node+
"heckin: common authentication ;ile content+
4access;ull7 checked common authentication content+
Pistri8utin: 44- trust ;ile to all node+
Pistri8utin: trust ke7s ;ile to all node success;ull7+
4access;ull7 distri8uted 44- trust ;ile to all node+
5eri;7in: 44- trust on all hosts+
4access;ull7 veri;ied 44- trust on all hosts+
4access;ull7 created 44- trust+
4access;ull7 created 44- trust ;or JommK user+
"heckin: 64 so;t<are+
4access;ull7 check os so;t<are+
"heckin: 64 version+
4access;ull7 checked 64 version+
"reatin: clusterDs path+
4access;ull7 created clusterDs path+
4et and check 64 parameter+
4ettin: 64 parameters+
4access;ull7 set 64 parameters+
Uarnin: : Installation environment contains some <arnin: messa:es+
(lease :et more details 87 2/opt/so;t<are/issed8/script/:s_checkos -i A
-h node*Fnode9Fissed8-d8= --detail2+
4et and check 64 parameter completed+
(reparin: " 6/ service+
4access;ull7 prepared " 6/ service+
4ettin: user environmental varia8les+
4access;ull7 set user environmental varia8les+
4ettin: the d7namic link li8rar7+
4access;ull7 set the d7namic link li8rar7+
4ettin: "ore ;ile
4access;ull7 set core path+
4ettin: pssh path
4access;ull7 set pssh path+
4ettin: ":roup+
4access;ull7 set ":roup+
4et A M 6ptimi.ation+
/o need to set A M 6ptimi.ation+
Mixin: server packa:e o<ner+

```

```

4ettin: ; inish ; la: +
4uccess; ull7 set ; inish ; la: +
(reinstallation succeeded+

-- ~> | OP©• ‡ ^ _ i ^ b | } ~° ...= a
Jroot)op_master scriptKE /opt/so; t<are/issed8/script/:s_checkos -i A -h
op_masterFop_slave --detail
"heckin: items:
  A*+ J 64 version status K : /ormal
    Jop_slaveK
    centos_$(cat /etc/redhat-release | grep -oP '(?<=)^(.*)$' | sed 's/^[^0-9]*//')_64bit
    Jop_masterK
    centos_$(cat /etc/redhat-release | grep -oP '(?<=)^(.*)$' | sed 's/^[^0-9]*//')_64bit
  A9+ J Vernel version status K : /ormal
    #he names about all kernel versions are same+ #he value is
2=+*&&-C%$+eI$+x86_64+
  A=+ J 'nicode status K : /ormal
    #he values o; all unicode are same+ #he value is 23A/,1en_'4+'#M-
82+
  A4+ J #ime .one status K : /ormal
    #he in;ormations about all time.ones are same+ #he value is
2W&8&&2
  A%+ J 4<ap memor7 status K :
Uarnin:
  Jop_slaveK
4<apMemor7 4*6&$4%4$9 #otalMemor7 4*9=&&C&94
  Jop_masterK
4<apMemor7 4*6&$4%4$9 #otalMemor7 4*9=&*$9*6
  A6+ J 47stem control parameters status K : /ormal
    All values about s7stem control parameters are correct+
  A$+ J Mile s7stem con; i:uration status K : /ormal
    Qoth so; t no; ile and hard no; ile are correct+
  A8+ J Pisk con; i:uration status K : /ormal
    #he value about TM4 mount parameters is correct+
  AC+ J (re-read 8lock si.e status K : /ormal
    #he value about 3o:ical 8lock si.e is correct+
  A**+J /et<ork card con; i:uration status K : Uarnin:
  Jop_slaveK
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