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10:02:58

xeexurahveep  
script-20111118.log

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```
Script started on Fri 18 Nov 2011 08:56:57 AM NZDT
\033]0;root@ubuntu: /media/KEY_GEN_LOG/007root@ubuntu:/media/KEY_GEN_LOG# ssh -i /media/ADA
TA\ UFD/n\007zrs-201104 jdempsey@signl.internal.ex033[K033[Ksrs.net.nz
The authenticity of host 'signl.internal.srs.net.nz (192.168.58.14)' can't be established.
RSA key fingerprint is b2:29:9f:b3:b9:b9:88:5b:4e:80:d6:c3:64:ff:ff:9b.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'signl.internal.srs.net.nz,192.168.58.14' (RSA) to the list of k
nown hosts.
Enter passphrase for key '/media/ADATA UFD/nzrs-201104':
Last login: Thu Nov 17 19:03:12 2011 from 192.168.2.214
[/home/jdempsey]
jdempsey@signl: sudo -s
[sudo] password for jdempsey:
Sorry, try again.
[sudo] password for jdempsey:
[/home/jdempsey]
root@signl: cd /var/lib/dnssec/keygen
[/var/lib/dnssec/keygen]
k033@krgnt@sngnadiagcaadiag -l
mca/0
[/var/lib/dnssec/keygen]
root@signl: scadiag -m offline mca0
Device mca0 is now offline.
[/var/lib/dnssec/keygen]
root@signl: scadiag -v mca0
Device mca0 version numbers:
  Hardware : 1.4.50
  Bootrom : 1.0.10
  Firmware : 1.1.7
[/var/lib/dnssec/keygen]
root@signl: scadiag -d mca0
Running mca0 on-board diagnostics.
Diagnostics on mca0 PASSED.
[/var/lib/dnssec/keygen]
root@signl: scadiag -r mca0
Resetting device mca0, this may take a minute.
Please be patient.
Device mca0 reset ok.
[/var/lib/dnssec/keygen]
root@signl: scadiag -z mca0
Zeroizing device mca0, this may take a few minutes.
Please be patient.
Device mca0 zeroized.
[/var/lib/dnssec/keygen]
root@signl: scamgr -D
Warning: Serial ID and Public Key Not Found
-----
The Serial ID and public key presented by this board were
not found in your trust database.

Serial ID: 36:30:30:31:32:31
Key Fingerprint: f8a2-5f52-962d-4d6c-ad60-591f-658d-5755-8a93-91a7
-----
Please select an action:

1. Abort this connection
2. Trust the board for this session only.
3. Trust the board for all future sessions.

Your Choice --> 2

This board is uninitialized.
You will now initialize the board. You may either
initialize the board with a new configuration or
restore the configuration from a device backup file.
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```
1. Initialize board with new configuration
2. Initialize board from device backup file
Your Choice (0 to exit) --> 1
Run in FIPS 140-2 mode? (Y/Yes/N/No) [No]: Y
Initial Security Officer Name: nz-dsol
Initial Security Officer Password:
Confirm password:

Board initialization parameters:
-----
Initial Security Officer Name: nz-dsol
Run in FIPS 140-2 Mode: Yes
-----

Is this correct? (Y/Yes/N/No) [No]: Y
Initializing crypto accelerator board. This may take a few minutes...The board is ready to
be administered.
As part of the initialization process, a new remote access key has been
generated. The key fingerprint is listed below. This should be the
fingerprint presented by the board the next time you connect to it.
Key Fingerprint: 4fbd-91b8-f9e8-56a2-bc42-ad7d-321c-9846-f47f-2936

Security Officer Login:
[/var/lib/dnssec/keygen]
root@signl: scamgr -D
Warning: Serial ID and Public Key Not Found
-----
The Serial ID and public key presented by this board were
not found in your trust database.

Serial ID: 36:30:30:31:32:31
Key Fingerprint: 4fbd-91b8-f9e8-56a2-bc42-ad7d-321c-9846-f47f-2936
-----
Please select an action:

1. Abort this connection
2. Trust the board for this session only.
3. Trust the board for all future sessions.

Your Choice --> 3
Security Officer Login: nz-dsol
Security Officer Password:
scamgr{mca0@localhost, nz-dsol}> set passreq high
New password security level: HIGH

scamgr{mca0@localhost, nz-dsol}> create so nz-dso2
Enter new security officer password:
Confirm password:
Security Officer nz-dso2 created successfully.

scamgr{mca0@localhost, nz-dsol}> create so nz-dso3
Enter new security officer password:
Confirm password:
Security Officer nz-dso3 created successfully.

scamgr{mca0@localhost, nz-dsol}> create so nz-dso4
Enter new security officer password:
Confirm password:
Security Officer nz-dso4 created successfully.

scamgr{mca0@localhost, nz-dsol}> create so nz-dso5
Enter new security officer password:
Confirm password:
Security Officer nz-dso5 created successfully.

scamgr{mca0@localhost, nz-dsol}> show so
```

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```
Security Officer           Multi-Admin Role
-----
nz-dso5                   Disabled
nz-dso4                   Disabled
nz-dso2                   Disabled
nz-dso3                   Disabled
nz-dsol                   Disabled
-----

scamgr{mca0@localhost, nz-dsol}> quit
[/var/lib/dnssec/keygen]
root@sign1: scamgr
No keystore data returned by card

Select Keystore:
1. Create new keystore
2. Load keystore from backup

Selection (0 to exit)-> 1
FIPS Keystore Name: nz-dnssec-keystore
Keystore type ([L]ocal/[C]entralized) [Local]: Local
Initial Security Officer Name: nz-ksol
Initial Security Officer Password:
Passwords must be at least 6 characters long.

Initial Security Officer Password:
Confirm password:

Keystore creation parameters:
-----
Keystore Name: nz-dnssec-keystore
Keystore Type: Local
Initial Security Officer Name: nz-ksol
Run in FIPS 140-2 Mode: Yes
-----

Is this correct? (Y/Yes/N/No) [No]: Yes
Creating keystore...
nz-dnssec-keystore.600121.{fla7987a} successfully created.
Security Officer Login: nz-ksol
Security Officer Password:
scamgr{mca0@localhost, nz-ksol}> set passreq high
New password security level: HIGH

scamgr{mca0@localhost, nz-ksol}> set audit-level 6
Audit level = 6 (Token)

scamgr{mca0@localhost, nz-ksol}> create so nz-kso2
Enter new security officer password:
Confirm password:
Security Officer nz-kso2 created successfully.

scamgr{mca0@localhost, nz-ksol}> create so nz-kso3
Enter new security officer password:
Confirm password:
Security Officer nz-kso3 created successfully.

scamgr{mca0@localhost, nz-ksol}> create so nz-kso4
Enter new security officer password:
Confirm password:
Security Officer nz-kso4 created successfully.

scamgr{mca0@localhost, nz-ksol}> create so nz-kso5
Enter new security officer password:
Confirm password:
Security Officer nz-kso5 created successfully.
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scamgr{mca0@localhost, nz-ksol}> create so nz-kso-ops
Enter new security officer password:
Confirm password:
Security Officer nz-kso-ops created successfully.

scamgr{mca0@localhost, nz-ksol}> show so
Security Officer           Multi-Admin Role
-----
nz-kso5                   Disabled
nz-kso3                   Disabled
nz-kso-ops               Disabled
nz-ksol                   Disabled
nz-kso2                   Disabled
nz-kso4                   Disabled
-----

scamgr{mca0@localhost, nz-ksol}> enable authmember nz-ksol
Added multi-admin role to Security Officer nz-ksol.

scamgr{mca0@localhost, nz-ksol}> enable authmember nz-kso2
Added multi-admin role to Security Officer nz-kso2.

scamgr{mca0@localhost, nz-ksol}> enable authmember nz-kso3
Added multi-admin role to Security Officer nz-kso3.

scamgr{mca0@localhost, nz-ksol}> enable authmember nz-kso4
Added multi-admin role to Security Officer nz-kso4.

scamgr{mca0@localhost, nz-ksol}> enable authmember nz-kso5
Added multi-admin role to Security Officer nz-kso5.

scamgr{mca0@localhost, nz-ksol}> show so
Security Officer           Multi-Admin Role
-----
nz-kso5                   Enabled
nz-kso3                   Enabled
nz-kso-ops               Disabled
nz-ksol                   Enabled
nz-kso2                   Enabled
nz-kso4                   Enabled
-----

scamgr{mca0@localhost, nz-ksol}> create user nz-dnssec-user
Enter new user password:
Confirm password:
User nz-dnssec-user created successfully.

scamgr{mca0@localhost, nz-ksol}> set multiadmin minauth 2
Multi-admin mode now requires 2 security officers to authenticate.

scamgr{mca0@localhost, nz-ksol}> set multiadmin timeout 5
New multi-admin timeout value is 5 minutes.

scamgr{mca0@localhost, nz-ksol}> enable multiadmin
WARNING: This command will place the device in multi-
admin mode. This mode will require multiple
security officers to authenticate for certain
commands to be executed.

Enable Multi-Admin Mode? (Y/Yes/N/No) [No]: Yes

Multi-Admin mode parameters:
-----
Minimum number of security officers: 2
Multi-Admin command timeout: 5 minutes
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Is this correct? (Y/Yes/N/No) [No]: Y  
The board is now in multi-admin mode.

```
scamgr{mca0@localhost, nz-ksol}> exit
[/var/lib/dnssec/keygen]
root@sign1: /etc/init.d/pkcsslotd start
```

```
$tar -xzf /usr/share/dnssec/keys/013[60G[\033[0;32m OK \033[0;39m]
root@sign1: sudo -u opendnssec update-config-password.pl sca6000
This program will take a username and password from the user and update the OpenDNSSEC conf
ig such that the HSM can be accessed.
The password must:
- be at least 12 characters long
- contain at least three letters
- at least one letter must be capital
- at least one letter must be lower-case
- contain at least one digit
- contain at least one non-alphanumeric character
Username: nz-dnssec-user
Password: *****
Password (again): *****
New configuration file passes OpenDNSSEC validation checks.
Verified access to HSM
[/var/lib/dnssec/keygen]
root@sign1: ods-hsmutil list sca6000
Listing keys in repository: sca6000
0 keys found.
```

```
Repository      ID              Type
-----
[/var/lib/dnssec/keygen]
root@sign1: sudo -u opendnssec ods-keygen.sh P14M
SQLite database set to: /var/opendnssec/kasp.db
INFO: Generating keys for policy nz-3LD
SQLite database set to: /var/opendnssec/kasp.db
Key sharing is Off
Info: converting P14M to seconds; M interpreted as 31 days, Y interpreted as 365 days
HSM opened successfully.
Created KSK size: 2048, alg: 8 with id: 0afd09782eb340a8d07029f8fb716469 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: c9e6409d71de20438679e3650d2c2fb9 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: abc442b5elf3fde428d1d6eacc29e5611 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 261bdf9addc6341f15f9053237713a89 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 087d69c3fd45458ecbdf0075aaf163e6 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 354b98a048ec1e516fceeefc9616eb8a7 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 26a2cf65cf3fbae5fbd38ed2ac5db326 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: d9326ec583ef33365ec612d6f5bbla62 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: f70122112b8a05c0dc9b14ad5f0f04ce in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: d0d85cbbf6a0f23b697d4333b71ff9b9 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 873d4b546399a1edd5cb0d078ff16cfe in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: d1f4309633246bf6c5a00cda89d0d277 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: f77d28efe930ab809caf1f9832669216 in repository: sca
6000 and database.
```

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```
Created ZSK size: 1024, alg: 8 with id: 80c85b6b894aba7b3656f274bed64104 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: fa8e9dbefa6c3afd178ca9d2632166ca in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: ad0bb5c910971d12dd0c4bf9d97d03c8 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 732256d75c3ba0ffeb584379734ab767 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: c730d88bdb07ca636dbfd13df39f7327 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 81fb3339dac765d0904e7dd82289c7a9 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: ba22d3bb292c04fb160767efd39c74a9 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 6a64346f943cc07bb9a505f22efb0cda in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 4722d5e50917a800aaefcce50bf920ed in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 7f07fa9692b22355felbf5f08674fa27 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 69b54cb5847549459fba941177ee5e88 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 93e2dc0f57b48c629a60d38cf099bf30 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: d6f2f62208ae147b77927574d1d244fc in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 537b9b958ae8875047aa0914f9bb87b6 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 0b69fd18ea0b88b06fedc0394445dfdd in repository: sca
6000 and database.
all done! hsm_close result: 0
INFO: Generating keys for policy nz-SLD
SQLite database set to: /var/opendnssec/kasp.db
Key sharing is Off
Info: converting P14M to seconds; M interpreted as 31 days, Y interpreted as 365 days
HSM opened successfully.
Created KSK size: 2048, alg: 8 with id: 99cf84821049618b1e9ebf577eedcb14 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 8946d0a0d73ea0570af23a2a6514d0b6 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 58a12efee911e950c173a8215fcabf42 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 49f02266921b8f178dcd20da2383eb57 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 9706606d8d08f2b2eb08f59add2a4109 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 79cd46541de892a3fe82a51af2196e01 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 0065fcea92a4815e24fb929940ac13c in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 8cf475bea477625e93b10d34c87e4124 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: e7794be7ac19e96babad63af1053005a in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: ecf8eef3d6b25957d29bf7efa29253 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 4ble95f236ce23e57e87d545b2a1a816 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: e91727e71a4134d633b55ff555999da9 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 380ebb62b1595df2bf9cbd08b9bfd61e in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 072f3ddbcdc8350edd3f42b806bba381 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: beec501b5dbd184cb121f077428a3ed in repository: sca
6000 and database.
```

Created ZSK size: 2048, alg: 8 with id: c6faa247c36ec6a2b60a40389928777c in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: e17aab4955beda7f243dab69939ed12f in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: c88dbe8cc121ce9ec757b68e94c76522 in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: 529b5b288b575d9dabd52414eb75fc22 in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: 00ea2a70a611664e626f4c620021eb34 in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: f48b90c8baa899bd2882238c42bb5a16 in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: e283a2799ae34f3f27c473a5b78ba144 in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: 06462160a0965cb2e6db00e67444cf02 in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: c6045722f8a0b05fc45ed60a5a7562dc in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: 0207294fe1f50d10cb9f9ea9d950ae3d1 in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: dfef39266437ca01d82f150042adf03d in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: ea6e4cd887295bdf78fc13632acdae78 in repository: sca 6000 and database.
Created ZSK size: 2048, alg: 8 with id: d7987ec5baa6b850975347e5c3631c9c in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 2f6c897506dcc90b31c4b58ee9180ad8 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 7d44c1f2390aa19e888f9cb25757afc4 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 11cf303f704e099909b28ab45fbae7d in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 2086932b3e9580323f93f47603b34f2b in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: a238d95c924aebbf2cb406b6ebbc02b in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: f6f04c1f20481ea4bc06511bd1dadd2d in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: b2e1978539d51b35226933c9196c9445 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 725c96b9b6990ed64ceb78084169f529 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 3af0c72calc84534c1cf0c7e84298463 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: ac3476db9edcd9336c308a2b03edcd9b in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 6120295c6a18bed3127992833c2425af in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 7cc53b979c5bb72174bd34d1e610835a in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 5bc8318371cfdde2275c0661481aeb53 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: b486c3c30feea8d25d53530f28d6e16e in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: e54011849cc06100927b80d57e7080a1 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: c589e460534cb320ae6ea29a7e647eae in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: e5c31ccf046ea6b365e70e0e401aa857 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 6fbb24a760587d8423a97cda640fed87 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: b6eb6c68afa6de623ec023a32c2f4c87 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 30fe9c17a05ddfb652711e5696064fe in repository: sca 6000 and database.

Created ZSK size: 1024, alg: 8 with id: 5calb4d7c7692ca04bc1cba488c41c4a in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 693abd0df9831a2711c1de494c098dc0 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: d8644d857e1e8aed2c4a48f41a9c94bb in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: a6c94a035dba3f494dd8ce3c934770ab in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: e85b708782bfcfbf85c907aded525525a in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 98e027a105f28cb6bd87d474f0c6b8d8 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: c8752ae4e5b02243fb70d3ef3a681b7 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 5fb4c0267732345d8e9183e07dee4587 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 17f79c1e9183baf7f3f85104832b6ca3 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: de06d390e28e550191f77fb60c2fab74 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 94ecbf51409f33e28410d57f1cf08511 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: cfa85d3717f6b8788e409e55b141490a in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: ccf0c39cbb0201257f5a5d4e81c85418 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: c5dd30e0659a87e65618c5d21bbf3414 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: d85eae36d21dbe5a9945e973c42a8a5a in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 2f11df729bea852971964e51f66e294f in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 1744ac433d628a2c43d9db21bc33803b in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 91365b376f93e9d5a34e7111615c3678 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 2ee5fd0178daf79032e99aa88c07c740 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: bfca16dbb2f24f43a78ccf5a72c6b073 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: a0ef777d202b6511f42f9fad24c06aeb in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 53cd8ce609d496caf7c14056d5ab82a1 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 51a2c92e1163538265b504189a480b80 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 032e0c8ecccddca8d4e4bfbdecd293 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 14791803948fed322b690b8e8e9a9358 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 638cfb754fbf490b818d3b5e1e600ef6 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: a6b5a46a4284eaf76e4964ae55bd1fcc in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: a5d9e189e19896f666b5bb3aceb76f87 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 038e761c84eb69e0b5d4db3e8aa78a97 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: 5f59e067cd2ec18ae27d1b5f88715806 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: a49b4d9b8f44166efb0f01fc43d12ad2 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: f6290a3058dfd932da7d6767008b6fd5 in repository: sca 6000 and database.
Created ZSK size: 1024, alg: 8 with id: f44ca73125be3bafa577468e01d66a14 in repository: sca 6000 and database.

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Created ZSK size: 1024, alg: 8 with id: 9bcaf22a6eaea508f66cce53ad3a30f6 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 8b400ecbe0250320f44ef0016e51896c in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 6779e75947d1d802ed2813376bf5d077 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 159bb95c51e0b1084a24ce6c2a92497f in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: a6c2679cfe3b3fdd1ba713991ea0be3c in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 60d3e40e2350802a76f277ab28bfde51 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: f5599e35bb93ed09ce74f99634fd6597 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 0bda636dad326ab3afa9c2cd7315a407 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 1c00394a811f53162e5e853d8a352a73 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 3e3f060201cbc22a413b2d1141eelb22 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 26f064f921e6d22e16adca64df8c7c8b in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: a859218cbeab084466dfc8f717da3cc2 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 039369cfe1676c42cad89c6f705b7df9 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 598ef311fb0c7e7561d56c888d40e739 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 19f48428008543280290972cf5922ba4 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: ef391e511a8db051a82401164dbb7736 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: ae80a7c02d3bb3d43837d685437ebeb1 in repository: sca
6000 and database.
all done! hsm_close result: 0
INFO: Generating keys for policy nz-SRS
SQLite database set to: /var/opendnssec/kasp.db
Key sharing is Off
Info: converting P14M to seconds; M interpreted as 31 days, Y interpreted as 365 days
HSM opened successfully.
Created KSK size: 2048, alg: 8 with id: c449e2cc04d50f4a7493fc029286bb15 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 93a2e2dbf36f398e5efc8fc144fb3f71 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 649d26516cb7bdb8b7f1d37f1e7eae5a in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: ce0c3579023917058ca91e333ae0b9c9 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 360438c93c99aa0f120a2c3adaae02 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 6161be402ca0b2220dca464609451ca3 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 057b1058c91bd73e2bc0c0c13483cb36 in repository: sca
6000 and database.
all done! hsm_close result: 0
INFO: Generating keys for policy nz-TLD
SQLite database set to: /var/opendnssec/kasp.db
Key sharing is Off
Info: converting P14M to seconds; M interpreted as 31 days, Y interpreted as 365 days
HSM opened successfully.
Created KSK size: 2048, alg: 8 with id: f3863e3f389c5930be92c635bf6f8ef7 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: d5f5bebbc591fafe4bea214f76332373 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 3a692f3683d0f36aa0ef1c12a7d3efb0 in repository: sca
6000 and database.

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script-20111118.log

Created ZSK size: 1024, alg: 8 with id: c6157979432548b2f2afaa6627e3bcd in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: e5e04420023c8f98ab17bfc25711a611 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: a4d5782f327874e2a12a14d143697525 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: e99fd9cb5363d0a4bf6a95b72fe45d11 in repository: sca
6000 and database.
all done! hsm_close result: 0
INFO: Generating keys for policy nz-reverse
SQLite database set to: /var/opendnssec/kasp.db
Key sharing is On
Info: converting P14M to seconds; M interpreted as 31 days, Y interpreted as 365 days
HSM opened successfully.
Created KSK size: 2048, alg: 8 with id: 9e9695acb6b157af3666922d36949fa6 in repository: sca
6000 and database.
Created KSK size: 2048, alg: 8 with id: 57bf101db8d49bd8ead336dde8382097 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 990b3e4c8be17057bb5ce2949d11laad in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 9614444effff1df5fe88dbba88ed07be2 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 2e238e0cd0439f75a65340b3b2e70916 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 887c3592a0c2f2d6527505cbe8b40fd7 in repository: sca
6000 and database.
Created ZSK size: 1024, alg: 8 with id: 22a4a32832f2b05ff1a403526dad2ca0 in repository: sca
6000 and database.
all done! hsm_close result: 0
INFO: Sanity verification OK
[/var/lib/dnssec/keygen]
root@sign1: ods-hsmutil list sca6000 | head -5
Listing keys in repository: sca6000
147 keys found.

Repository ID Type
-----
sca6000 0afd09782eb340a8d07029f8fb716469 RSA/2048
sca6000 c9e6409d71de20438679e3650d2c2fb9 RSA/2048
sca6000 abc442b5elf3fde428d1d6eac29e5611 RSA/2048
sca6000 261bdf9adddc6341f15f9053237713a89 RSA/2048
sca6000 087d69c3fd45458ecbdf0075aaf163e6 RSA/2048
[/var/lib/dnssec/keygen]
root@sign1: export-keydata nz-dnssec-keystore
Backups will be written to /var/lib/dnssec/keygen/key-backup-2011-11-17.tar.gz
Exporting KASP database...
SQLite database set to: /var/opendnssec/kasp.db

Backing up keystore nz-dnssec-keystore...

You will be prompted for Keystore Security Officer(KSO) credentials. After entering them,
the backup will pause while other Keystore Security Officers authorize the backup operation
.

Press enter to continue.

Keystore = nz-dnssec-keystore.600121.{fla7987a} (local)
Security Officer Login: nz-ksol
Security Officer Password:
NOTICE: Please wait while the other required 1 security officer
authenticates this command. This command will time out
in 5 minutes.

Update: Authenticated security officers: nz-ksol
Update: Authenticated security officers: nz-ksol nz-kso2
Backup to /tmp/tmp.zWvJQM4904/nz-dnssec-keystore-full-keystore-backup-2011-11-17 successful

```



