

Script started on Wed 03 Feb 2016 02:32:20 PM NZDT

```
]0;root@ubuntu: /media/KEYGEN_LOGroot@ubuntu:/media/KEYGEN_LOG# ssh  
mikef@sign2.internal.srs.net.nz
```

The authenticity of host '192.168.59.254 (192.168.59.254)' can't be established.

RSA key fingerprint is ae:b0:a4:17:0c:8b:82:30:1c:bb:73:11:4a:4f:1e:84.

Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added '192.168.59.254' (RSA) to the list of known hosts.

Enter passphrase for key '/root/.ssh/id\_rsa':

Enter passphrase for key '/root/.ssh/id\_rsa':

Enter passphrase for key '/root/.ssh/id\_rsa':

The authenticity of host 'sign2.internal.srs.net.nz (<no hostip for proxy command>)' can't be established.

RSA key fingerprint is ed:73:ee:03:6c:4c:c0:26:3a:e8:f4:cc:60:26:a1:81.

Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added 'sign2.internal.srs.net.nz' (RSA) to the list of known hosts.

Enter passphrase for key '/root/.ssh/id\_rsa':

Enter passphrase for key '/root/.ssh/id\_rsa':

Enter passphrase for key '/root/.ssh/id\_rsa':

Permission denied (publickey).

```
]0;root@ubuntu: /media/KEYGEN_LOGroot@ubuntu:/media/KEYGEN_LOG# ssh  
mikef@sign2.internal.srs.net.nz
```

Enter passphrase for key '/root/.ssh/id\_rsa':

Enter passphrase for key '/root/.ssh/id\_rsa':

Enter passphrase for key '/root/.ssh/id\_rsa':

Last login: Mon Feb 1 20:51:40 2016 from srslog1.srss.srs.net.nz

[/home/mikef]

```
mikef@sign2: sudo -s
```

```
[sudo] password for mikef:
```

[/home/mikef]

```
root@sign2: cd /var/lib/dnssec/keygen/
```

```
[/var/lib/dnssec/keygen]
```

```
root@sign2: scadiag -f mca0
```

```
4fbd-91b8-f9e8-56a2-bc42-ad7d-321c-9846-f47f-2936
```

```
[/var/lib/dnssec/keygen]
```

```
root@sign2: 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: 36:30:35:35:33:38
```

```
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-dso5

Security Officer Password:

scamgr{mca0@localhost, nz-dso5}> create so nz-dso4

Enter new security officer password:

Confirm password:

Security Officer nz-dso4 created successfully.

scamgr{mca0@localhost, nz-dso5}> show so

Security Officer Multi-Admin Role

```
-----  
nz-dso5           Disabled  
nz-dso4           Disabled  
nz-dso2           Disabled  
nz-dso3           Disabled  
nz-dso1           Disabled  
-----
```

scamgr{mca0@localhost, nz-dso5}> exit

[/var/lib/dnssec/keygen]

root@sign2: get\_active\_signer

active\_signer: 192.168.58.14|FULLY\_AGREEIREMOTE

standby\_signer: 192.168.62.14|FULLY\_AGREEILOCAL

[/var/lib/dnssec/keygen]

root@sign2: ods-hsmutil list sca6000 lhead -5

Listing keys in repository: sca6000

230 keys found.

Repository	ID	Type
-----	--	----
sca6000	5e8a6f9da462b82298088b833807fe37	RSA/2048
sca6000	a5ff380ed3a1da14e01446c12f36d6a7	RSA/2048
sca6000	7cd5390b10997cedc096deb6f09c60ec	RSA/2048
sca6000	99bb4e22f67db09bd4d4023f23f89a3b	RSA/2048
sca6000	c9aa6e3b333e773edc06ac09054e6f86	RSA/2048

[/var/lib/dnssec/keygen]

root@sign2: sudo -u opendnssec ods-purge-keys.sh

SQLite database set to: /var/opendnssec/kasp.db

INFO: Purging keys for policy nz-3LD

SQLite database set to: /var/opendnssec/kasp.db

Cannot open destination file, will not make backup.

Key remove successful.

Key remove successful.

Key remove successful.

Key remove successful.





SQLite database set to: /var/opendnssec/kasp.db  
Cannot open destination file, will not make backup.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
INFO: Purging keys for policy nz-dummy  
SQLite database set to: /var/opendnssec/kasp.db  
Cannot open destination file, will not make backup.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
INFO: Purging keys for policy nz-reverse  
SQLite database set to: /var/opendnssec/kasp.db  
Cannot open destination file, will not make backup.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
Key remove successful.  
[/var/lib/dnssec/keygen]  
root@sign2: ods-hsmutil sudo -u opendnssec ods-purge-keys.sh  
root@sign2: [3Pods-hsmutil list sca6000 lhead -5  
Listing keys in repository: sca6000  
113 keys found.

Repository	ID	Type
-----	--	----
sca6000	5e8a6f9da462b82298088b833807fe37	RSA/2048
sca6000	a5ff380ed3a1da14e01446c12f36d6a7	RSA/2048
sca6000	7cd5390b10997cedc096deb6f09c60ec	RSA/2048
sca6000	99bb4e22f67db09bd4d4023f23f89a3b	RSA/2048
sca6000	9ff78dab55291784c4115583a60d1e4d	RSA/2048

[/var/lib/dnssec/keygen]  
root@sign2: ods-hsmutil list sca6000 lhead -5  
root@sign2: sudo -u opendnssec ods-purge-keys.sh                   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

Cannot open destination file, will not make backup.

Key sharing is Off

Info: converting P14M to seconds; M interpreted as 31 days, Y interpreted as 365 days

HSM opened successfully.

Created ZSK size: 1024, alg: 8 with id: 5840da22c890467576563accd64fce9f in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 809b77c4d9e526c7490a3d041203e8ad in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 6bc3629b10ad01e0e3e64dee67eeda7a in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 4f412ce9b1d30ec62472fa084a477267 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 219c7a5193069bfb37248b0e23c72624 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 78f375988915257298f0031aeab48f10 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 580dfea5f0a9b000fc8703093944d199 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: a6e5973d424ab6cc4d6d825792c13e04 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 4b74ee17b8c38460571a0a3c76d7a809 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: b15c5493f738fbc43954285b12769f1a in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 82203840f45f45001124d64240aa88bc in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: e13bd84016d6a0c02c83eb182392a4f7 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: b02ed7fe5ae00f86507b9b9397ef7529 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 4eda587240594a3a471d27626df523c6 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: c78840667eb2c002d0e40964ed0c3212 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: b17211a3850aa846a5b223ed23705df7 in repository:  
sca6000 and database.

all done! hsm\_close result: 0

INFO: Generating keys for policy nz-SLD

SQLite database set to: /var/opendnssec/kasp.db

Cannot open destination file, will not make backup.

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: d43846fc42992ccce9671ce99036049d in repository:  
sca6000 and database.

Created KSK size: 2048, alg: 8 with id: 06599485b82c66b1ddfcaa502fd7b65e in repository:  
sca6000 and database.

Created KSK size: 2048, alg: 8 with id: 7b2f1d90629f58ece016640a339594f8 in repository:  
sca6000 and database.

Created KSK size: 2048, alg: 8 with id: b717952f29db6ea807cc589258a3b42f in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: 6945ccd62cbb2470098482e5d4d62403 in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: a4126b0be95de1d1aa4a684bf3b5b765 in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: 16d9e41f2ff835f7f9fa3fe3e0e318ee in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: c3e3410e55f4bcec7d356ecc5ed22c26 in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: 9fc5b90a8da049a6b0d450288d2932ae in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: 00f9ec03f0a1f522ef9b1667bb8a4ab8 in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: 4c712621471f379a10a50b877a508596 in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: 690c96798e374ee228d6388de94693de in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: fada3125eecd0484e49f9163d1fe5e99 in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: f9e82d7a43b0e2fee94450e612d253a7 in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: 4696853e42dccbcafd1956ee21fb69be in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 8176aeb0c70bd529442d9b90e2dba587 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: f1ceaa91bf5cc4391fc7cf3adeb3a76f in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: a318ce904c90eaf52daa8131c59c3d8e in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: bfe1f0e14c4a41842802349592457eb3 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: bed96543e032cad4d6a24c7520c767d0 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: ce5e467b90b3b866a8efa58f1fd590c3 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 52ad5e78e7e63c64a7b108a31a64da2d in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: de19778fbb7d9ef4a78cddf44e0c0414 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 1dc36241e7cd032424f045c26da2bd2a in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 5a91f2886284a600ff1cc592031ce5bb in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: d360f3e14c795b3c2a37a57a042f89e8 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 75055d80a2f5a10bfbd78fc06dc6ced2 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 8afc11106693df8e7af803b2615f75f1 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: c2d3ba6e17fabef84d2d98d783343bf7 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 1b2ffab4c6ad97c43bca12ffe3270544 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 35d40592240f745a0f92fff731efcaa9 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: bb4ed0611084000d04f8b37fc8271223 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 6fe7b7b2af3112e66786519de2aa3a86 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 07a47e395cb7a25b54ba7b5f4724a86f in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: cd072545cd5b2b78abf65e820b55cb94 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 9baabb2a2559c93e4e8ce4baaaa081b2 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 4d6f3905cf6ec8ae897ba5d07139a173 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 5f27d17d77d0c9d61d589f51b4ad65cd in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: da4d260dd007e95bc7b3520f88d3e527 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 18a7cdafa5901afa1e1a472ec84b3069 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 4e51a5df4c964152d9fd8d1907599802 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: f95309530855645d1fe0f1a07f2a2a04 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: bdf60b3395e40d54b91fd84e9c7239f2 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 6d23330150548ef14d1676beec381eca in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 8ef52b69d20523b45ef4302cd0c4b85f in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 7447421efb410309d378816634f53139 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: efada99f6ef7eaa7186fe6ae4a03bf9d in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 1ab1e04fcfd3c02568fbc06a02a53920 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 5d0fbe01fb5425a5ea6595c19bea8dd2 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 3443848c2c3a4a9c4c52b60d65a50432 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: b7013a85b6501efde17967e59f2ed98e in repository: sca6000 and database.



Created ZSK size: 1024, alg: 8 with id: b7a64261e7ab33db802b8d641580a4f1 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 5d56a5740dc76ac757dc8d542939b81b in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: ca96aa5b42bfaedb2f1fb5c73a26dd33 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: c49bf1926f12610f98935bdb6e9c2c87 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 0f4f14bb3f6fed77864a53abf1fd44a8 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: f4b6cf00971e4ebdceef89a380f49805 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 624d75bfdbe8e125a2166ccc4a3c43c0 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 7b2344c4d97407f5904b5b2892b7a098 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 0fe7920e57b5904ded05080ce942332d in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 6946ca0d553c734383ab9ad44a9de1b5 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 5778d2906cc42b387963357f8ddd7377 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 097b56ea5e0a7c57298f656702e32653 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: e606c0a847e8373bf4427c264a9c5436 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 6f5cf9182fb9447b914e8fbdf49903d8 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 9ec150ec9bf3aa3d3aaf47d986d4c1c6 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 86595c1cb599d1aebbe2c8035d5f1875c in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 9de8aa94209906933e1118d21f8ddaf2 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 413c4de80a41d9ebb70f8277915594aa in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 5f60f9c735dbcc35d5ceadf25ab9fce6 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: b235a5b88b9d9fe2d825aca98f052b29 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 296d23f0d9b2a5d8f9296ba088e3cd56 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 85ce7ff9ef97421d62707f8815aa95ac in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 7b4bec51cb91d7bd33080f33c14be295 in repository: sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 4f7654dba79e34e707dc756da53c285b in repository: sca6000 and database.

all done! hsm\_close result: 0

INFO: Generating keys for policy nz-SRS  
SQLite database set to: /var/opendssec/kasp.db  
Cannot open destination file, will not make backup.  
Key sharing is Off  
Info: converting P14M to seconds; M interpreted as 31 days, Y interpreted as 365 days  
HSM opened successfully.  
Created ZSK size: 1024, alg: 8 with id: 72cb836f8e609af41e5c3e50a251d2b2 in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: ed63e6a8c82be0d89fcf795b4487d0d5 in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: b99127ef373f273814c1162b8e4a22cd in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 902da0313a1b3143fad603460b7a8d14 in repository:  
sca6000 and database.  
all done! hsm\_close result: 0  
INFO: Generating keys for policy nz-TLD  
SQLite database set to: /var/opendssec/kasp.db  
Cannot open destination file, will not make backup.  
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: b628f89113605824de79f8e8d5b411df in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: e1e329a2c3f2e768d42bd748bb1281bd in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 26f73c50797ec94f1d3df67b8b7a9642 in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 7a43fb2bea76a761e22f85fd65727639 in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: f580b18b004451568a312f539d57d6bb in repository:  
sca6000 and database.  
all done! hsm\_close result: 0  
INFO: Generating keys for policy nz-dummy  
SQLite database set to: /var/opendssec/kasp.db  
Cannot open destination file, will not make backup.  
Key sharing is Off  
Info: converting P14M to seconds; M interpreted as 31 days, Y interpreted as 365 days  
HSM opened successfully.  
Created ZSK size: 1024, alg: 8 with id: 5b0d554ec655334fd98d23c4f9ab6932 in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: cff77cb06d5c82bb926a93dade9ecd9e in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: f17913ede6404dd1c19aa507667b4f2f in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: ab85622d67f635e18cc5286a419e158f in repository:  
sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 7b6e0801ff88b2facdfe1d1092f57117 in repository:  
sca6000 and database.

Created ZSK size: 1024, alg: 8 with id: 920d642818b8c3d0154f4042c7f105b5 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: bec09168b9cce76b32d46feb2ba61498 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: ce243ed79f7e1b5d31a724e84a06c536 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 18b4df08f9fe04c879a5b39b1891be47 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: b8454a6cb7a473bb5595e0f3062376a3 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: c9cfa925ca70f8ca0ab4e5db01d2157d in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: e104edba118ae33ba9f0e179a61c3fa4 in repository: sca6000 and database.

all done! hsm\_close result: 0

INFO: Generating keys for policy nz-reverse  
SQLite database set to: /var/opendssec/kasp.db  
Cannot open destination file, will not make backup.

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: 95433a2fdb883de044452ced2b55178a in repository: sca6000 and database.  
Created KSK size: 2048, alg: 8 with id: 30dd27837c88a2071fa40b322fecfe6a in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 3ec340b2391e85aeceb54b4846154f4b in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 0c24be3ce7b25db56c80cb46d53113c6 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 8ca8560bac3509db97b2464d345a6aae in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: f43529dd38cb638b6a2f53c198f38032 in repository: sca6000 and database.  
Created ZSK size: 1024, alg: 8 with id: 36304d472c29d8ef9b2f3196d4278226 in repository: sca6000 and database.

all done! hsm\_close result: 0

INFO: Sanity verification OK

[/var/lib/dnssec/keygen]

root@sign2: sudo -u opendssec ods-keygen.sh P14M

root@sign2: [4Pods-hsmutil list sca6000 lhead -5

Listing keys in repository: sca6000

232 keys found.

Repository	ID	Type
sca6000	5e8a6f9da462b82298088b833807fe37	RSA/2048
sca6000	a5ff380ed3a1da14e01446c12f36d6a7	RSA/2048
sca6000	7cd5390b10997cedc096deb6f09c60ec	RSA/2048
sca6000	99bb4e22f67db09bd4d4023f23f89a3b	RSA/2048

```
sca6000          9ff78dab55291784c4115583a60d1e4d RSA/2048
[/var/lib/dnssec/keygen]
root@sign2: ex[p p[o
expand      export      exportfs      export-keydata expr
[/var/lib/dnssec/keygen]
root@sign2: exppr ort-keydata nz-dnsee sec-keystore
Backups will be written to /var/lib/dnssec/keygen/key-backup-2016-02-03.tar.gz
Exporting KASP database...
SQLite database set to: /var/opendsnsec/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.{f1a7987a} (local)
Security Officer Login: nz-kso1
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-kso1
Update: Authenticated security officers: nz-kso1 nz-kso5
Backup to /tmp/tmp.URtGl18665/nz-dnssec-keystore-full-keystore-backup-2016-02-03
successful.
```

```
Done backing up keystore nz-dnssec-keystore. The sha256sum of this full keystore backup is
df:fe:d4:a4:c1:2c:ad:5e:81:80:ff:ba:0a:de:d4:52:1d:d4:88:fb:d4:00:84:49:88:cc:
76:69:a1:e4:07:db
```

Backing up HSM Device Configuration...

You will be prompted for Device Security Officer(DSO) credentials and a Password to encrypt to the device backup.

Press enter to continue.

```
Security Officer Login: nz-dso2
Security Officer Password:
Login failed.
```

Connection closed.

```
Failed to create device backup. Aborting...
[/var/lib/dnssec/keygen]
root@sign2: export-keydata nz-dnssec-keystore
root@sign2: ods-hsmutil list sca6000 lhead -5
```

```
root@sign2: export-keydata nz-dnssec-keystore
root@sign2: [Kscamgr -D
Security Officer Login: mz nz-dso2
Security Officer Password:
Login failed.
```

Connection closed.

```
[/var/lib/dnssec/keygen]
root@sign2: scamgr -D
Security Officer Login: nz-dso5
Security Officer Password:
scamgr{mca0@localhost, nz-dso5}> exit
[/var/lib/dnssec/keygen]
root@sign2: scamgr -D export-keydata nz-dnssec-keystore
Backups will be written to /var/lib/dnssec/keygen/key-backup-2016-02-03.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.{f1a7987a} (local)
Security Officer Login: ks nz-kso1
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-kso1
Update: Authenticated security officers: nz-kso1 nz-kso5
Backup to /tmp/tmp.ATKaL19227/nz-dnssec-keystore-full-keystore-backup-2016-02-03
successful.
```

Done backing up keystore nz-dnssec-keystore. The sha256sum of this full keystore backup is  
55:a0:5e:75:24:06:a1:c8:29:12:59:30:46:25:d8:d4:cc:94:64:ce:e9:47:91:bc:5c:91:2a:2d:  
66:99:eb:df

Backing up HSM Device Configuration...

You will be prompted for Device Security Officer(DSO) credentials and a Password to encrypt to the device backup.

Press enter to continue.

```
Security Officer Login: nz-dso5
```

Security Officer Password:  
Enter a password to protect the data:  
Confirm password:  
Backup to /tmp/tmp.ATKaL19227/device-backup-2016-02-03 successful.

Done backing up HSM device. The sha256sum of this device backup is b9:fd:71:70:f8:87:9c:  
15:11:39:51:3a:5e:c0:b6:ca:fd:9e:8d:66:4f:7f:aa:03:2f:11:97:9f:36:c2:06:96

Exported keystore Info:

Keystore : nz-dnssec-keystore  
Serial # : 600121  
Keystore ID : f1a7987a

All backups have been exported to /var/lib/dnssec/keygen/key-backup-2016-02-03.tar.gz

Hash of key-backup-2016-02-03.tar.gz has been written to key-  
backup-2016-02-03.tar.gz.sha256sum (sha256sum: da:33:58:b2:c5:6a:43:9d:5b:c2:bf:  
05:97:da:d3:48:ce:18:e6:2f:46:ae:e3:66:99:cb:9c:fd:cc:62:c8:19 )

[/var/lib/dnssec/keygen]

root@sign2: exit

exit

[/home/mikelf]

mikelf@sign2: logout

Connection to sign2.internal.srs.net.nz closed.

]0;root@ubuntu: /media/KEYGEN\_LOGroot@ubuntu:/media/KEYGEN\_LOG#

[9P(reverse-i-search)`: [C]': ssh mikelf@sign2.internal.srs.net.nz^C

]0;root@ubuntu: /media/KEYGEN\_LOGroot@ubuntu:/media/KEYGEN\_LOG# lsusb -v -d 13fe:

4200 | grep -C 1 iProdiu[Kct

```
iManufacturer      1
[01;31m[KiProduct[m[K          2 USB DISK 2.0
iSerial            3 070B47248E6E9214
```

]0;root@ubuntu: /media/KEYGEN\_LOGroot@ubuntu:/media/KEYGEN\_LOG# scp mikelf@sign2.

[K:~[K/var/lib/dnssec/keygen/key-backup-\* /Me[K[Kmedia/MASTER\_COPY/

Enter passphrase for key '/root/.ssh/id\_rsa':

Enter passphrase for key '/root/.ssh/id\_rsa':

Enter passphrase for key '/root/.ssh/id\_rsa':

Enter passphrase for key '/root/.ssh/id\_rsa':

key-backup-2016-02-03.tar.gz 0% 0 0.0KB/s --:--

ETA

key-backup-2016-02-03.tar.gz 100% 391KB 391.2KB/s

00:01

key-backup-2016-02-03.tar.gz.sha256sum 0% 0 0.0KB/s

--:-- ETA

key-backup-2016-02-03.tar.gz.sha256sum 100% 95 0.1KB/s

00:00

]0;root@ubuntu: /media/KEYGEN\_LOGroot@ubuntu:/media/KEYGEN\_LOG# cd /media/

MASTER\_COPY/



.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexUpdates  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.shadowIndexGroups  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.shadowIndexHead  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/Cab.created  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/Cab.modified  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/Lion.created  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/indexState  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journalAttr.1  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journalExclusion  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.directoryStoreFile  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.directoryStoreFile.shadow  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexArrays  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.indexCompactDirectory  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexDirectory  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexGroups  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexHead  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexIds  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.indexPositionTable  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexPositions  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexPostings  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexTermIds  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexUpdates  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexArrays  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexCompactDirectory  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexDirectory  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexGroups  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexHead  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexPositionTable  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexTermIds  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/permStore  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/psid.db  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/reverseDirectoryStore  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/  
reverseDirectoryStore.shadow  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/reverseStore.updates  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/shutdown\_time  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/store.db  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/store.updates  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/store\_generation



```
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.Cab
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.Lion
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.SnowLeopard
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.spotlight.loc
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.spotlight.state
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/
journals.assisted_import_post/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/
journals.assisted_import_pre/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.corespotlight/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.health_check/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.live/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.live_priority/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.live_system/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.live_user/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.migration/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/
journals.migration_secondchance/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.repair/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.scan/
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.scan/retire.2
.Trashes/
```

sent 1103068 bytes received 1261 bytes 315522.57 bytes/sec

total size is 1098537 speedup is 0.99

```
]0;root@ubuntu: /media/MASTER_COPYroot@ubuntu:/media/MASTER_COPY# sha256sum -c
key-backup-2016-02-03.tar.gz^C
```

```
]0;root@ubuntu: /media/MASTER_COPYroot@ubuntu:/media/MASTER_COPY# /d[K[Kd[Kcd ../
WELLINGTON/
```

```
]0;root@ubuntu: /media/WELLINGTONroot@ubuntu:/media/WELLINGTON# sha256sum -c
key-backup-2016-02-03.tar.gz.sha256sum
```

key-backup-2016-02-03.tar.gz: OK

```
]0;root@ubuntu: /media/WELLINGTONroot@ubuntu:/media/WELLINGTON# cd /
```

```
]0;root@ubuntu: /root@ubuntu:/# eke[K[Kjject /media/WELLINGTON/
```

```
]0;root@ubuntu: /root@ubuntu:/# lsusb -v -d 05dc:a20b | grep -C i[K1 i{ro[K[K[KProduct
```

```
  iManufacturer      1 Lexar
```

```
  [01;31m[KiProduct[m[K      2 USB Flash Drive
```

```
  iSerial             3 AAGPYJNPZNYEELGQ
```

```
]0;root@ubuntu: /root@ubuntu:/# rys[K[Ksync -avW/mee[K[K[K[K /media/MASTER_COPY/ /
media/AUCKLAND/
```

sending incremental file list

./

.\_.Trashes

key-backup-2016-02-03.tar.gz

key-backup-2016-02-03.tar.gz.sha256sum

.Spotlight-V100/

.Spotlight-V100/VolumeConfiguration.plist

.Spotlight-V100/Store-V1/

.Spotlight-V100/Store-V1/VolumeConfig.plist

.Spotlight-V100/Store-V2/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/.store.db  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.directoryStoreFile  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-  
AD5A-677B22F3A611/0.directoryStoreFile.shadow  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexArrays  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-  
AD5A-677B22F3A611/0.indexCompactDirectory  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexDirectory  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexGroups  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexHead  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexIds  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexPositionTable  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexPositions  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexPostings  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexTermIds  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.indexUpdates  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.shadowIndexGroups  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/0.shadowIndexHead  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/Cab.created  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/Cab.modified  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/Lion.created  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/indexState  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journalAttr.1  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journalExclusion  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.directoryStoreFile  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.directoryStoreFile.shadow  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexArrays  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.indexCompactDirectory  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexDirectory  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexGroups  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexHead  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexIds  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.indexPositionTable  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexPositions  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexPostings  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexTermIds  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.0.indexUpdates  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexArrays  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexCompactDirectory  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexDirectory

```
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexGroups  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexHead  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexPositionTable  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/live.  
0.shadowIndexTermIds  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/permStore  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/psid.db  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/reverseDirectoryStore  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/  
reverseDirectoryStore.shadow  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/reverseStore.updates  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/shutdown_time  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/store.db  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/store.updates  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/store_generation  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.Cab  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.Lion  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.SnowLeopard  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.spotlight.loc  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/tmp.spotlight.state  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/  
journals.assisted_import_post/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/  
journals.assisted_import_pre/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.corespotlight/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.health_check/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.live/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.live_priority/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.live_system/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.live_user/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.migration/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/  
journals.migration_secondchance/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.repair/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.scan/  
.Spotlight-V100/Store-V2/6A264515-D9F0-4C57-AD5A-677B22F3A611/journals.scan/retire.2  
.Trashes/
```

sent 1103068 bytes received 1261 bytes 736219.33 bytes/sec

total size is 1098537 speedup is 0.99

```
]0;root@ubuntu: /root@ubuntu:/# sha256sum -c k[K[K[K[K[K[K[K[K[K[K[K[K[K[Kcd /media/  
AUCKLAND/
```

```
]0;root@ubuntu: /media/AUCKLANDroot@ubuntu:/media/AUCKLAND# sha256sum -c key-  
backup-2016-02-03.tar.gzs[K.sha256sum
```

key-backup-2016-02-03.tar.gz: OK

```
]0;root@ubuntu: /media/AUCKLANDroot@ubuntu:/media/AUCKLAND# cd /
```

```
]0;root@ubuntu: /root@ubuntu:/# umo[K[K[Keme[K[Kn[Kject /media/Au[KUCKLAND/  
]0;root@ubuntu: /root@ubuntu:/# cd /  
]0;root@ubuntu: /root@ubuntu:/# eject /media/m[KMASTER_COPY/[K[K[K[K[KCOPY/  
]0;root@ubuntu: /root@ubuntu:/# exit  
exit
```

Script done on Wed 03 Feb 2016 03:23:44 PM NZDT