

Or you can apply individual keys:

```
dscli> applykey -key f190-1234-1234-1234-5678-1234-5678 IBM.2107-75ZA571
CMUC00199I applykey: License Machine Code successfully applied to storage image
IBM.2107-75ZA571.
```

4. Verify that the keys were activated for your storage unit by running the **lskey** command, as shown in Figure 9-16.

dscli> lskey		
Activation Key	Authorization Level (TB)	Scope
=====	=====	=====
Base function	325	A11
CSM on HMC	325	A11
Copy services	275	A11
Encryption Authorization	on	A11
Global mirror (GM)	275	A11
High Performance FICON for System z (zHPF)	on	CKD
I/O Priority Manager	325	A11
IBM HyperPAV	on	CKD
IBM System Storage DS8000 Thin Provisioning	on	A11
IBM System Storage Easy Tier	on	A11
IBM database protection	on	FB
IBM z/OS Distributed Data Backup	on	FB
Metro/Global mirror (MGM)	275	A11
Metro mirror (MM)	275	A11
Operating environment (OEL)	325	A11
Parallel access volumes (PAV)	115	CKD
Point in time copy (PTC)	275	A11
RMZ Resync	275	CKD
Remote mirror for z/OS (RMZ)	275	CKD
z-synergy services	115	CKD

Figure 9-16 Using the **lskey** command to list the installed licenses

For more information about the DS CLI, see the *IBM DS8000 Series Command-Line Interface User's Guide*, SC27-8526.

The BF license bundle needs to be installed before ranks can be formatted for FB (open systems). The zsS license bundle needs to be installed before ranks can be formatted for CKD (mainframe).

9.3 Licensed scope considerations

An increase in license capacity is concurrent. A deactivation (or decrease in license capacity) takes place only after one additional machine IML. Similar considerations apply to the license scopes:

- The BF license and CS license are available with several license scopes, such as ALL, FB, and CKD.
- An increase in license scope, for example, changing FB or CKD to ALL, is a concurrent activity.