

**root access  
manifest**

encrypted reference
ACT root hash
...

*retrieve*

*ACT  
manifest* }  
*lookup key* }

*lookup*

*encrypted  
access key* }

*decrypt*

*access key  
decryption key* }

*encrypted  
reference* }

*decrypt*

**reference**

root chunk address
root chunk decryption key

*hash  
with 0*

*hash  
with 1*

*session key*

