# **ABC DNSSEC Acceptance Ceremony Scripts**

### **Abbreviations**

KMF= Key Management Facility

TEB = Tamper Evident Bag

HSM = Hardware Security Module

FD = Flash Drive

SO = Security Officer

IW = Internal Witness

SA = System Administrator SC = Safe Security Controller

EW= External Witness

### **Participants**

Title	Printed Name	Signature	Date	Time
Sample	Bert Smith /US	Bert Smith	16 Jun 2010	18:00 UTC
SA				
SO				
SC				
IW				
EW1				
EW2				
EW3				
		_		

### **Participants Arrive**

Step	Activity	Initial	Time
1	SA escorts SC, SO, IW and other authorized personnel into the KMF after starting		
	cameras.		

### Sign into KMF

Step	Activity	Initial	Time
2	SA has all participants sign into the KMF sign-in log.		

### **Emergency Evacuation Procedures**

Step	Activity	Initial	Time
3	SA reviews emergency evacuation procedures with participants.		

### **Verify Time and Date**

Step	Activity	Initial	Time
4	IW enters date (month/day/year), UTC time using a reasonably accurate wall clock visible to all here:		
	Date (UTC):Time (UTC): All entries into this script or any logs should follow this common source of time.		

# - Safe Bootstrap -

### **Setting Combination**

Step	Activity	Initial	Time
5	SC opens already unlocked safe.		
6	SC sets the new safe combination.		

#### **Test Combination**

Step	Activity	Initial	Time
7	SC closes and locks the safe.		-
8	SC dials in the new combination (shielded from the camera)		
9	SC updates the safe log with description, e.g., "Safe Combination Changed", printed name, date, time, and signature and repeats on IW's script here:  Description: Safe Combination Changed		
	Name		
	Signature		
	IW initials safe log and this entry.		
	SC must privately relay the new combination to his/her backup.		
10	SC places log back in safe and closes and locks safe. SO and SA verify safe is		

Step	Activity	Initial	Time
	locked.		

# DVD - Verify Chain of Custody

Step	Activity	Initial	Time
11	SA asks another participant to compute the SHA256 hash for the O/S DVD using their laptop and compares to that provided and published by ABC for the O/S DVD. The following command may be used:  openssl dgst -sha256 /dev/sdc0		
	where /dev/scd0 refers to the raw DVD drive. If they do not match, terminate ceremony. Otherwise remove DVD from laptop and place on table.		
12	SA repeats above for a second O/S DVD.		

## **Laptop - Verify Chain of Custody**

Step	Activity	Initial	Time
13	SA unpacks laptop while inspecting for tampered packaging and matching any packing slips with contents. Note: these laptops should not have internal disk drive storage or battery. Remove such storage or battery if they do.		
14	SA boots up laptop with one of the O/S DVDs; plugs in displays and printer to check that all work. SA labels laptop with marker as <b>laptop #1</b> .		
15	SA powers down and removes DVD. SA then places only laptop in TEB labeled with description, date, and SA and IW initials. IW records TEB# and clearly identifiable serial number if available here. Power supplies and other cables may remain outside:  TEB#		
	Serial #		
16	SA places both O/S DVDs in TEB labeled with description, date, SA and IW initials. IW records TEB# here:		
	TEB#		

### Smartcards – Verify Chain of Custody

Step	Activity	Initial	Time
17	SO unpacks blank smartcards while inspecting for tampered packaging and		
	matching any documentation with contents.		
18	SO places smartcards in a new TEB; labels and seals TEB with description, date,		
	SO and IW initials. IW records TEB# here:		
	TEB#		

### Smartcard Reader – Verify Chain of Custody

Step	Activity	Initial	Time
19	SA unpacks card reader while inspecting for tampered packaging and matching		

Step	Activity	Initial	Time
	any documentation with contents.		
20	SA places reader in a new TEB; labels and seals TEB with description, date, SA and IW initials. IW records TEB# here:		
	TEB#		

#### **Flash Drives**

Step	Activity	Initial	Time
21	SA unpacks blank flash drives to be used for HSMFDs while inspecting for		
	tampered packaging and matching any documentation with contents.		
22	SA places HSMFDs in a new TEB; labels and seals TEB with description, date,		
	initials. TEB is initialed by IW. IW records TEB# here:		
	TEB#		

# Placing Equipment in Safe

Step	Activity	Initial	Time
23	SC opens Safe shielding combination from camera.		
24	SC removes the safe log and fills the next entry with printed date, time, name, and signature indicating the opening of the safe. IW initials the entry.		
25	SA records placement of laptop #1 in next entry field of safe log with TEB #, printed date, time, name, and signature; places laptop #1 into Safe and IW initials the entry.		**************************************
26	SA records placement of O/S DVDs in next entry field of safe log with TEB #, printed date, time, name, and signature; places O/S DVDs into Safe and IW initials the entry.		
27	SA records placement of HSMFDs in next entry field of safe log with TEB #, printed date, time, name, and signature; places HSMFDs into Safe and IW initials the entry.		***************************************
28	SO records placement of smartcards in next entry field of safe log with TEB #, printed date, time, name, and signature; places smartcards into Safe and IW initials the entry.		
29	SA records placement of card reader in next entry field of safe log with TEB #, printed date, time, name, and signature; places card reader into Safe and IW initials the entry.		
30	SA places remaining cables, adapters, power supplies inside safe. No log entry needed.		

Step	Activity	Initial	Time
31	SC makes an entry including printed name, date, time, signature and notes "closing safe" in the safe log. IW initials the entry.		
32	SC places log back in safe and locks Safe.		
33	SA and SO verify safe is locked.		

## Participant Signing of IW's Script

Step	Activity	Initial	Time
34	All EWs enter printed name, date, time, and signature on IW's script coversheet.		
35	SA, SO, SC review IW's script and sign it.		

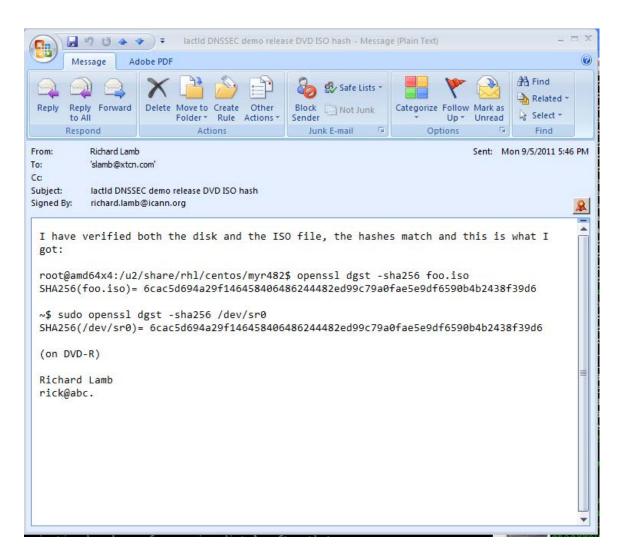
### **Filming Stops**

Step	Activity	Initial	Time
36	SA stops filming and makes 2 copies of film, one for on-site and one for off-site		
	storage along with IW script copies made below.		

## **Copying and Storing the Script**

Step	Activity	Initial	Time
37	IW makes at least 5 copies of his or her script: one for off-site audit bundle, one for on-site audit bundle, one for IW, and copies for other participants, as requested. Audit bundles each contain 1) copy of IW's acceptance script; 2) audio-visual recording; 3) SA attestation (A.2 below); and 4) the IW attestation (A.1 below) - all in a TEB labeled "Acceptance Ceremony", dated and signed by IW and SA. One bundle will be stored by the SA at the KMF – typically in the same area as the safe. The second bundle will be kept securely by the IW at a bank safe deposit box.		

All remaining participants sign out of ceremony room log and leave.



Back to order details



#### **Payment Summary**

Date printed Mar-30-12

Status:

Paid with PayPal on Mar 29, 2012.

Seller:

shopmmc naticklamb

Buyer:

Shipping

Seller should ship to: richard lamb

88 S. Broadway Ste 3209 millbrae CA 94030 United States

Payment

Item Name Lot of 20 USB SCM SCR331 Common Shipping Expedited Shipping FREE Qty Price 1 US \$199.00

Access CAC DoD Military ID Smart Card Reader

USPS Priority Mail® Estimated delivery: April 2 - April 3 1 05 \$199.00

390393507540 - Price: US \$199.00

Subtotal

US \$199.00

Shipping & handling:

FREE

Total: US \$199.00

Payment details:

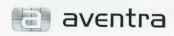
PayPal

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Recipient richard lamb	Webshop	packing list
88 S BROADWAY UNIT 3209 88 S. Broadway Suite 3209 94030 millbrae United States	Packing list number	Delivery date 30.03.2012
	Order nbr 826	Order date 30.03.2012
Officed States	Customer number	Delivery method Mail
Contact person	Customer reference	
Additional information		

Product code

Description

Pcs

MYEID-25

MyEID 80k PKI card, 25 pcs

Y-tunnus: 1894068-2

1

Α	Alfa	AL-FAH
В	Bravo	BRAH-VOH
С	Charlie	CHAR-LEE
D	Delta	DELL-TAH
E	Echo	ECK-OH
F	Foxtrot	FOKS-TROT
G	Golf	GOLF
Н	Hotel	HOH-TEL
I	India	IN-DEE-AH
J	Juliet	JEW-LEE-ETT
K	Kilo	KEY-LOH
L	Lima	LEE-MAH
М	Mike	MIKE
N	November	NO-VEM-BER
0	Oscar	OSS-CAH
Р	Papa	РАН-РАН
Q	Quebec	KEH-BECK
R	Romeo	ROW-ME-OH
S	Sierra	SEE-AIR-RAH
T	Tango	TANG-GO
U	Uniform	YOU-NEE-FORM
V	Victor	VIK-TAH
W	Whiskey	WISS-KEY
Х	Xray	ECKS-RAY
Υ	Yankee	YANG-KEY
Z	Zulu	Z00-L00
1	One	WUN
2	Two	T00
3	Three	TREE
4	Four	FOW-ER
5	Five	FIFE
6	Six	SIX
7	Seven	SEV-EN
8	Eight	AIT
9	Nine	NIN-ER
0	Zero	ZEE-RO