```
tpm2_startauthsession --session bind_session.ctx --bind-context=primary.ctx --bind-auth=pwd1 --hmac-session
tpm2_sessionconfig bind_session.ctx --enable-decrypt --enable-encrypt # enable parameter encryption

# Example: Create a key using the bind session 02000000
# and encrypt passwords using parameter encryption
tpm2_create --session=bind_session.ctx --key-algorithm=ecc256 --key-auth=pwd2 -C primary.ctx --parent-auth=pwd1
```

5.2.2 ibmtpm20tss utilities example

```
#!/bin/bash
set -xe # this prints each command to the console and terminates on error
export TPM_ENCRYPT_SESSIONS=0 # Session state is locally saved in plaintext

# Beforehand: Provision a primary key into the TPM using an EK salted session
tsscreateek -cp -noflush -rsa 2048 > /dev/null 2>&1
tssstartauthsession -se h -hs 80000000 # this returns a handle for the salted session at 02000000
tsscreateprimary -st -ecc nistp256 -pwdk pwd1 -se0 02000000 20 # create key and use parameter encryption

# At runtime: Start a bind auth session against primary key handle 80000001 with password “pwd1”
tssstartauthsession -se h -bi 80000001 -pwdb pwd1

# Example: Create a new key using the bind session 02000000
# and encrypt its password “pwd2” using parameter encryption
tsscreateprimary -si -ecc nistp256 -pwdk pwd2 -se0 02000000 20
```


