Device suspend

Save configuration state

Save device registers

Disable device

Copy s/w device state

Suspend device

Device checkpoint

Lock device

Save configuration state

Save device registers

Copy s/w device state

Unlock device

Device resume

Restore config state

Restore device registers

Restore s/w state & reset

Attach device

Device ready

Device restore

Lock device

Disable device

Restore config state

Restore device registers

Re-start/enable device

Unlock device