

Id : ds-195

Result : True Positive

Sink statement : Line 423 in below screenshot is the sink statement.

```
422     final int init_volume = a.getStreamVolume(AudioManager.STREAM_ALARM);
423     a.setStreamVolume(AudioManager.STREAM_ALARM,
424                       a.getStreamMaxVolume(AudioManager.STREAM_ALARM), flags: 0);
425
426     wakelock = w;
427     player = new MediaPlayer();
428     // This handler will be used to asynchronously trigger volume adjustments.
429     handler = (Handler) handleMessage(m) -> {
432         switch (m.what) {
433             case TRIGGER_INC:
434                 float inc = s.volume_time > 0 ?
435                     (s.volume_ending - s.volume_starting) / (float)s.volume_time :
436                     s.volume_ending;
437                 float next = Math.min(s.volume_ending, (float)m.obj + inc);
438                 float norm = (float)((Math.pow(5, next/100.0)-1)/4);
439                 Log.i(TAG, msg: "Incrementing volume to " + norm);
440                 player.setVolume(norm, norm);
441                 if (next < s.volume_ending) {
442                     Message m2 = new Message();
443                     m2.what = TRIGGER_INC;
444                     m2.obj = next;
445                     sendMessageDelayed(m2, delayMillis: 1000);
446                 }
447                 break;
448             case RESET_VOLUME:
449                 a.setStreamVolume(AudioManager.STREAM_ALARM, init_volume, flags: 0);
450                 break;
451         }
452     };
454
```

The sink statement itself calls the source statement `getStreamMaxVolume()`;