**3GPP TSG-SA3 Meeting #107-e *S3-221164r2***

e-meeting, 16 - 20 May 2022

**Title: LS on EAC Mode for NSAC**

**Response to:**

**Release: Release 17**

**Work Item: Study on enhanced security for network slicing Phase 2 (FS\_eNS2\_SEC)**

**Source: SA3**

**To: SA2**

**Cc:**

**Contact person: lei.zhongding@huawei.com**

**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:**

# 1 Overall description

In TR33.874, SA3 has studied a potential Denial-of-Service issue to network slices caused by a burst of registration requests in an EAC inactive mode. It has been concluded that this potential issue can be mitigated through setting a proper threshold for the EAC mode activation/de-activation, taking the burst registration into account. Since this mitigation can be an implementation issue and no normative text is generated in SA3, it is recommended to include the following informative NOTE in SA2’s specification (e.g. TS 23.502):

*NOTE: The operator* can set ~~sets~~ *the thresholds for the EAC mode activation/de-activation accordingly in order to mitigate potential ~~Denial of Service~~risk due to a potential burst of registration requests requesting the same slice.*

# 2 Actions

**To SA2**

**ACTION:** SA3 kindly requests SA2 to take the above information into account in updating respecitve specifications.

# 3 Dates of next TSG SA WG 3 meetings

SA3#107e-Bis 27 June - 1 July 2022 electronic meeting

SA3#108e 22 -26 August 2022 Goteborg, Sweden