Checking memory details on ucs blade:

UCS-A# scope server x<chassis no>/y<blade no> ! enter server mode for specified server   
UCS-A# /chassis/server #show memory detail   
UCS-A# /chassis/server #show memory array detail

**Reset memory errors:**

**If you want to basic troubleshooting with memory:**

If Operating in UCSM 2.2 and 3.1

To reset memory error counters on a Cisco UCS B Series or C Series

server in UCSM 2.2 and 3.1, run the following script on the CLI:

ca-1-A# scope server 2/1

ca-1-A /chassis/server # reset-all-memory-errors

ca-1-A /chassis/server\* # commit

Operating in UCSM 2.1

To reset memory error counters on a Cisco UCS B Series or C Series

server in UCSM 2.1, run the following script on the CLI:

ca-1-A# scope server 2/1

ca-1-A /chassis/server # scope memory-array 1

ca-1-A /chassis/server/memory-array# scope dimm 2

ca-1-A /chassis/server/memory-array/dim # reset-errors

Cisco UCS C-Series Rack Servers Operating in Standalone Mode

**\*\*\*\*If those options don't work , following commands and troubleshoot.**

To Check Errors from CLI

hese commands are useful when troubleshooting errors from CLI.

scope server x/y # show memory detail

scope server x/y # show memory-array detail

scope server x/y # scope memory-array x

scope server x/y/ memory-array# show stats history

memory-array-env-stats detail

***From memory array scope you can also get access to DIMM.***

scope server X/Y > scope memory-array Z > scope DIMM N

From there then you can obtain per-DIMM statistics or reset the error counters.

bdsol-6248-06-B /chassis/server/memory-array/dimm # reset-errors

bdsol-6248-06-B /chassis/server/memory-array/dimm\* # commit-buffer

bdsol-6248-06-B /chassis/server/memory-array/dimm # show stats

memory-error-state

***To identify the part from CIMC take screenshot: Server-- Inventory -- Memory***

***Collect Fault Screenshot:***

If you need further troubleshooting send the following:

Send the following from UCSM and CIMC

\*\*\*\*UCSM\_X\_TechSupport

CIMCX\_TechSupport\tmp\CICMX\_TechSupport.txt

CIMCX\_TechSupport\obfl\obfl

CIMCX\_TechSupport\var\log\sel