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Introduction

This document describes the steps to disable the Redundant Array of Individual Disks (RAID) controller Consistency Check on LSI RAID Controllers which can negatively impact some applications with strict Input/Output (I/O) requirements. Once such group of applications with demanding I/O requirements is Universal Session and Resource Manager / Videoscape Session Resource Manager (USRM/VRSM). Due to the potential I/O wait impact to these applications that can occur while consistency checks are running, it is recommended to disable Consistency Checks on all virtual drives/raid volumes. See [CSCuw01134](#)

Prerequisites

Cisco Unified Computing System (UCS) M3 Rack servers with LSI 92XX model Raid controllers.

Disabling Consistency Check will require a maintenance window for the USRM/VRSM application.

Terminating USRM/VRSM instances before disabled Consistency check

There are up to 8 instances of USRM/VRSM on a UCS C220. Each instance will need to be terminated prior to executing the procedure for disabling Consistency Check. When the Consistency Check procedure is complete each instance will have to be restarted manually.

Note: The 2 processes below should be included in a high level Method of Procedure (MOP) written for the individual customer systems / requirements. For example: the MOP will include coordination of server failover and failback to minimize customer impact. Each customer may have different requirements that are addressed in the MOP.

To Terminate the USRM/VRSM software follow these steps. Note: These steps need to be completed for each instance of USRM/VRSM.

1. Open the USRM/VRSM Web User Interface (UI) in a Browser
2. Navigate to the Reset Page
3. Set ServerState to "Terminate" using the drop down box.
4. Click the Commit Changes button.

Result: The USRM/VRSM software will Terminate and not restart.

CC Next Starttime 06/20/1999, 19:00:00

CC Current State Stopped

CC Number of iterations 0

CC Number of VD completed 0

CC Excluded VDs None

Confirm the CC Operation Mode line shows '**Disabled**'