

ECS Configuration Change Request

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| 1. Originator Byron V. Peters | 2. Log Date: 8/27/98 | 3. CCR #: 98-0959 | 4. Rev: - | 5. Tel: 4077 | 6. Off: SED | 7. Org. H/WE |
| 8. Title of Change: Increase number of nfs daemons on FSMS servers | | | | | | |
| 9. Originator Signature <i>Byron V. Peters</i> | 10. Date: 8/27/98 | 11. Class II | 12. Type: CCR | 13. Need Date: 08/27/98 | | |
| 14. Office Manager Signature <i>Randy Hollings</i> | 15. Date: 8/27/98 | 16. Date CCB Decision Needed: 08/27/98 | 17. Category of Change: Category | 18. Priority: Emergency | | |
| 19. Documentation/Drawings Impacted: ECS Operating System Parameter Deltas | | 20. Schedule Impact: None | | 21. CI(s) Affected: DADS | | |
| 22. Release Affected: All | | 23. Date due to Customer: N/A | 24. Impl. Date: 09/04/98 | 25. Effectivity of Change: | 26. Est. Cost None | |
| 27. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input checked="" type="checkbox"/> Other: EMASS ETAC | | | | | | |
| 28. Description of Change: (use additional Sheets if necessary) The AMASS queue on t1drg01 (VATC) has "hanged" when the system was under a high load. Files that were in the AMASS queue when in this condition were not processed until the system was rebooted. This occurred four times last week. | | | | | | |
| 29. Proposed Solution: (use additional sheets if necessary) Analysis by EMASS indicates that AMASS and nfs may be in a deadlock condition due to too many nfs requests. EMASS recommends increasing the number of nfs daemons from 4 to 32. This can be done without a reboot. There is minimal impact on the system as a result of this change. This change should be accomplished on all ECS FSMS hosts and posted to the OS deltas document. | | | | | | |
| 30. Alternate Solution: (use additional sheets if necessary) None | | | | | | |
| 31. Consequences if Change(s) are not approved: (use additional sheets if necessary) The probability of additional AMASS hangs resulting in a serious disruption of testing. | | | | | | |
| 32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input type="checkbox"/> Test | | | | | | |
| 33. Organization(s) Affected: <input checked="" type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&C <input type="checkbox"/> QO <input type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input checked="" type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input checked="" type="checkbox"/> Sys. Eng. <input checked="" type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other | | | | | | |
| 34. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other | | | | | | |
| 35. Board Comments: | | | | 36. Work Assigned To: RTSC, DAACS | | |
| 37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No | | | 38. CM Verified/Signature and Date | | | |
| 39. EDF/REL2 CCB Chair (Sign/Date): <i>TW Fisher</i> 8/27/98 | | 40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS | | 41. ESDIS ERB Concurrent: | | |
| 42. ECS CCB Chair (Sign/Date): | | 43. Disposition: <input type="checkbox"/> App <input type="checkbox"/> A/C <input type="checkbox"/> <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw | | 44. CCR Closed Date: | | |

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