

February 12, 2015

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee
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SUBJECT: Scheduled Operational Changes and Upgrades

The following accelerated items were implemented the past week:

None

The following will be implemented on February 16, 2015:

RFC #662 – NCODF Dataflow v2.2.1 – Around 1300Z, modify the HOST section in the DBNet table on NCODF to include the dbnet3/TOC IP address.

RFC #663 – Around 1300Z, add 2 new aliases for tide2 and gyre2 for the WCOSS Phase 2 nodes.

The following will be implemented on February 17, 2015:

RFC #665 – HRRR v1.1.0 – Around 1200Z, the HRRR will be moved to run on WCOSS Phase 2. User impact: output from the HRRR will now be found in /com2 instead of /com.

RFC #667 – WCOSS Dataflow v1.50.2 – Around 1300Z, update WCOSS configuration files to transition to pulling data from UKMet's new server.

RFC #668 – NCOSRV Dataflow v2.5.1 – Around 1330Z, ingest 12.5-km RapidSCAT data from RZDM.

RFC #669 – decod_dccrad v3.1.0 – Around 1430Z, implement a change to a library used by the Canadian Radar decoder, to allow the decoder to gracefully exit if corrupt data is found instead of hanging.

RFC #671 – MAG v3.6.1 – Around 1500Z, modify the MAG to add some new HRRR products, fix other HRRR and Skew-T products, and add the India domain for all global models.

RFC #672 – Around 1500Z, add a mount on the OPC Compute Farm so that the LDM can write data there, and separate home directories for the LDM so that each LDM instance can operate independently.

The following will be implemented on February 18, 2015:

RFC #673 – WCOSS Dataflow v1.5.1 – Around 1300Z, enable dataflow for output from the parallel RTMA/URMA to flow to the Boulder NOMADS.

The following will be implemented on February 19, 2015:

RFC #674 – WCOSS Dataflow v1.50.1 – Around 1200Z, modify the LDM software on the WCOSS DBNet production nodes to begin pulling MADIS data from the NOAA IDP instead of from GSD. This will occur from Feb. 19 through Feb. 23 due to a planned power outage at GSD. On Feb. 23, the feed will be switched back to GSD.

RFC #675 – Around 1330Z, remove a minor performance bottleneck on the IDP FTP server and allow for more than 8 sites to be hosted on the servers.

RFC #676 – Around 1400Z, add 16 new blades to a new VMware development cluster. This work should be completed on Feb. 20 around 2000Z.

RFCs that are security-related are not included in the RFC Memo.

---- OPERATIONAL ANNOUNCEMENTS ----

1. The WCOSS Implementation Standards are available at

<http://www.nco.ncep.noaa.gov/pmb/docs/>.

Please adhere to these standards when submitting changes for the WCOSS.

2. Upcoming major changes to NCEP's production suite and details on any product or timing changes associated with upcoming implementations can be viewed at the following website:

<http://www.nco.ncep.noaa.gov/pmb/changes/>

Test data for major changes should be available six weeks prior to implementation. Anyone wishing to receive formal notice of the final pre-implementation testing and the opportunity to provide feedback on the proposed changes can subscribe to the Model Evaluation mailing list via:

<https://lstrv.ncep.noaa.gov/mailman/listinfo/ncep.list.modevalinfo>

3. Maintenance of subscriptions to the Scheduled Operational Changes and Upgrades mailing list can be performed via the following website:

<https://lstrv.ncep.noaa.gov/mailman/listinfo/ncep.list.rfcmemo>

4. The 30-day evaluation of the upcoming RTMA/URMA upgrade is expected to begin the third week of February 2015. Further information will be disseminated as this date is firmed up.
5. Because of the Presidents' Day holiday on Feb. 16, the RFC submission deadline for next week is being extended until noon EST on Feb. 18.