You are receiving this message because you have been identified as a person responsible for maintaining an enterprise system, school or departmental application that is housed at the Evanston Data Center. Here’s a reminder of the details regarding this Saturday’s Data Center maintenance—I’ve included the conference bridge information in the maintenance timeline below. The following services are connected to Juniper switches and will be unstable and should be considered unavailable during the April 23 maintenance window.

**BUSINESS IMPACT**

**CODD** server - NU Library Oracle database services  
**PENGUIN** server - NUFinancials Oracle database services  
Oracle Grid-T Nodes 1,2,3,4,5  
Oracle Grid-P Nodes 1,2,3,4,5,6,7  
**WEB3.SOC** – School of Communication web services  
**LOGAN** server – BB8 legacy server with Oracle database services moving to a virtualized server  
**NUINFO** – University Relations legacy server moving to a virtualized environment in EV and CH  
**WAMQA1, WAMQA2, WAMQA3** – ITMS Identity Services  
**LDAP1A** - ITMS Identity Services  
**SNAP** – legacy server for ITMS Identity Services  
**HR89WEB1, HR89WEB3, HR89WEBS** – legacy HRIS 8.9 services will be test/verified on Monday, 4/25  
**HR89APP1, HR89APP3, HR89APP5** – legacy HRIS 8.9 services will be test/verified on Monday, 4/25  
**RACHAEL/TAFFEY/ZHORA/CHEW/TYRELL** – Cyber PM ESX hosts for VMware Clusters (plans underway to mitigate VMware outage)  
**CHARLIE/MICK/KEITH/RAC-TB-1** – Cyber IM DBA services  
**BLUEFIN /BRYCE2/BIGBEND** – Cyber IM Storage and Netbackup services

**WHAT TO EXPECT**

NUIT will conduct the software upgrade in two phases, each followed by a one-hour testing period. Please check the listserv frequently to stay informed; we will let you know if we are running ahead or behind schedule.

First Testing Period: 10:00 a.m. – 11:00 a.m.  
Second Testing Period: 4:30 – 5:30 p.m.

For each testing period you must:
- Confirm on/off campus connectivity
- Conduct testing for standard use scenarios
- Conduct any other tests as you deem necessary
- Report all test results back to <DC-APPS-TECH@listserv.it.northwestern.edu>

As a reminder, please ensure that all testing scenarios on your applications are successful prior to April 23 to avoid test reports on scripts that were not successfully tested immediately prior to the upgrade.
APRIL 23 MAINTENANCE TIMELINE

PHASE ONE

4:00 a.m. - 4:30 a.m.
Application owners shut down application and web servers for Oracle 10g Grid production and test environments.

4:30 a.m. – 5:30 a.m.
Oracle 10g Grid production and test environments are shut down.

5:30 a.m. – 6:00 a.m.
Juniper switch software upgrade of first stack begins and the configuration changes for Grid-T Redundant Oracle Inter-Connect begins.

6:00 a.m. – 6:30 a.m.
Juniper switch software upgrade of second stack begins.

6:30 a.m. – 7:00 a.m.
Contingency period for roll back of Juniper switch software upgrade changes.

8:30 a.m.
Complete server configuration for Grid-T Redundant Oracle Inter-Connect.

8:30 a.m. – 9:30 a.m.
Start up of Oracle 10g Grid test environment.

9:30 a.m. – 10:00 a.m.
Application owners start up application and web servers for Oracle 10g Grid test environment.

10:00 a.m. – 11:00 a.m.
Phase one testing to verify applications performing properly. PGi conference bridge is open and staff may join by dialing 1-877-806-9883 with participant passcode 3735629462.

11:00 a.m.
Deadline to report testing results to DC-APPS-TECH@listserv.it.northwestern.edu

If nothing is reported, NUIT will assume testing results are okay and move to the next phase of the upgrade.

PHASE TWO

11:30 a.m. – 3:00 p.m.
Configuration changes underway for Grid-P Redundant Oracle Inter-Connect.

3:00 p.m. – 4:00 p.m.
Start up of Oracle 10g Grid production environment.
4:00 p.m. – 4:30 p.m.
Application owners start up application and web servers for Oracle 10g production environment.

4:30 p.m. – 5:30 p.m.
Phase two testing to verify applications performing properly. PGi conference bridge is open and staff may join by dialing 1-877-806-9883 with participant passcode 3735629462.

5:30 p.m.
Deadline to report testing results to DC-APPS-TECH@listserv.it.northwestern.edu

If nothing is reported, NUIIT will assume testing results are okay and will provide status report to the listserv.

All questions regarding this message should be directed to Data Center Service Operations at 847-467-2753 or r-ostrowski@northwestern.edu.

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