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(U//FOUO) ANNEX F (AGM IMPLEMENTATION) TO HQDA EXORD 056-09 (AMPLIFYING GUIDANCE TO USSTRATCOM INFOCON 3, DTG 221355ZNOV08)

1. (U) REFERENCES.

A. (U) AR 25-1, ARMY KNOWLEDGE MANAGEMENT AND INFORMATION TECHNOLOGY MANAGEMENT, 30 JUN 2004.

B. (U//FOUO) MEMORANDUM, NETC-EST-P, 15 AUGUST 2005, ARMY ESTABLISHES ARMY GOLDEN MASTER (AGM) AS THE STANDARD SOURCE OF COMMON OPERATING SYSTEM BASELINE CONFIGURATIONS.

C. (U) AR 25-2, INFORMATION ASSURANCE, 15 JANUARY 2006.

D. (U//FOUO) MEMORANDUM, OMB, 20 MARCH 2007, MANAGING SECURITY RISK BY USING COMMON SECURITY CONFIGURATIONS.

E. (U//FOUO) MEMORANDUM, OMB, 22 MARCH 2007, IMPLEMENTATION OF COMMONLY ACCEPTED SECURITY CONFIGURATIONS FOR WINDOWS OPERATING SYSTEMS M-07-11.

F. (U//FOUO) MEMORANDUM, NETCOM, 6 NOVEMBER 2007, AVAILABLE MICROSOFT VISTA AND OFFICE 2007 USER TRAINING.

G. (U//FOUO) FEDERAL ACQUISITION REGULATION, 31 MARCH 2008, FAR CASE 2007-2004, COMMON SECURITY CONFIGURATIONS.

H. (U//FOUO) MEMORANDUM, ASD/NII, 15 AUGUST 2008, FEDERAL DESKTOP CORE CONFIGURATION.

2. (U) SITUATION.

A. (U//FOUO) REFERENCE 1.B MANDATES USE OF THE ARMY GOLDEN MASTER (AGM) AS THE ARMY'S STANDARD DESKTOP/LAPTOP BASELINE CONFIGURATION. SUSPENSE FOR IMPLEMENTING THE MICROSOFT XP AGM WAS FEBRUARY 2007. EFFECTIVE 31 OCTOBER 2008 XP AGM VERSION 8.0 OR VISTA AGM VERSION 8.0 ARE THE MINIMUM AGM VERSIONS APPROVED FOR USE ON ARMY NETWORKS.

B. (U//FOUO) REFERENCES 1.D AND 1.E MANDATE THE FEDERAL GOVERNMENT IMPLEMENT A FEDERAL DESKTOP CORE CONFIGURATION (FDCC) FOR BOTH THE MICROSOFT XP AND VISTA OPERATING SYSTEMS. IN ADDITION TO THE ABOVE DIRECTIVES, THE ARMY IS CONSOLIDATING COMMON USER INFORMATION TECHNOLOGY (IT) SERVICES TO AREA PROCESSING CENTERS (APC) AND STANDING UP A GLOBAL LANDWARNET INTRANET. THESE EFFORTS REQUIRED FURTHER SECURITY HARDENING OF THE AGM VERSIONS PRIOR TO VERSION 8.0. THE XP AGM VERSION 7.6 WAS THE FIRST AGM RELEASE THAT INCORPORATED ALL

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NECESSARY SECURITY ENHANCEMENTS TO MEET THE FDCC, APC, AND ARMY LANDWARNET INTRANET REQUIREMENTS. THE VISTA AGM VERSION 8.0 INCORPORATES ALL THE REQUIREMENTS IN XP AGM 7.6+ AND ADDS SUPPORT FOR ENCRYPTION OF DATA AT REST TO PROTECT SENSITIVE AND PERSONAL INFORMATION THROUGH THE USE OF THE BITLOCKER FULL DISK ENCRYPTION EMBEDDED CAPABILITY. BOTH THE XP AND VISTA AGM VERSIONS 8.0 HAVE BEEN RELEASED IN AUGUST 2008.

C. (U//FOUO) THE ARMY'S MIGRATION TO THE MICROSOFT VISTA OPERATING SYSTEM BEGAN AUGUST 2008 AND MUST BE COMPLETED BY 31 DECEMBER 2009.

D. (U//FOUO) STARTING 1 FEBRUARY 2009 THE AGM PROGRAM WILL STOP SUPPORTING THE XP AGM, EXCEPT FOR SECURITY PATCHES, HOT FIXES, AND OTHER CRITICAL SECURITY UPDATES. NETCOM WILL CONTINUE TO RELEASE THE XP AGM SECURITY UPDATES ON A MONTHLY BASIS UNTIL 31 DECEMBER 2009.

3. (U//FOUO) MISSION. THE ARMY IMPLEMENTS THE ARMY GOLDEN MASTER (AGM) AS THE BASELINE STANDARD FOR WINDOWS-BASED INFORMATION SYSTEMS IN ORDER TO ENSURE INTEGRITY OF THE LANDWARNET FOR FUTURE OPERATIONS.

4. (U) EXECUTION.

A. (U) CONCEPT OF THE OPERATION.

(1) (U//FOUO) CG, NETCOM'S INTENT. IN RESPONSE TO ONGOING THREATS TO DOD NETWORKS, CDR, USSTRATCOM DIRECTED UPGRADE OF INFOCON LEVEL FROM 5 TO 3. IN ORDER TO ESTABLISH A COMMON ARMY BASELINE FOR INFORMATION SYSTEMS THAT IS COMPLIANT WITH DOD GUIDANCE, THE ARMY WILL IMPLEMENT AGM 8.X ON ALL WINDOWS-BASED SYSTEMS. KEY TASKS INCLUDE ESTABLISHMENT OF A CENTRAL ISSUE POINT FOR THE AGM BASELINE, IMMEDIATE IMPLEMENTATION OF AGM VERSION 8.X ON EXISTING WINDOWS XP SYSTEMS, AND COMPLETE MIGRATION OF ALL WINDOWS-BASED SYSTEMS TO AGM VERSION 9.X FOR WINDOWS VISTA BY 31 DECEMBER 2009. END STATE IS THAT NETWORK INTEGRITY IS ENSURED AND HEIGHTENED NETWORK READINESS IS SUSTAINED AGAINST A DETERMINED ADVERSARY.

(2) (U//FOUO) SCHEME OF MANEUVER. BEGINNING 1 MAY 2009, DIRECTORATES OF INFORMATION MANAGEMENT (DOIM) AND AUTHORIZED SERVICE PROVIDERS WILL ASSUME RESPONSIBILITY AS THE SOLE PROVIDER FOR AGM IMAGES TO THEIR SUPPORTED INSTALLATIONS, UNITS, OR AGENCIES. INSTALLATIONS, UNITS, AND AGENCIES ARE RESPONSIBLE FOR ENSURING THEIR WORKSTATIONS ARE BASELINED WITH AGM VERSION 8.0 OR HIGHER FOR

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WINDOWS XP BY 28 FEBRUARY 2009. DOIMS AND SERVICE PROVIDERS ASSUME MANAGEMENT OF ALL WORKSTATIONS NLT 1 MAY 2009 AND WILL OVERSEE THE MIGRATION TO WINDOWS VISTA. SERVICE PROVIDERS WILL COMPILE STATUS ON AGM IMPLEMENTATION AND MIGRATION TO VISTA AND SUBMIT THEIR STATUS THROUGH SUPPORTING THEATER SIGNAL COMMANDS. PROGRAM EXECUTIVE OFFICERS (PEO) WILL ENSURE THEIR SYSTEMS ARE OPERABLE WITH AGM 8.X FOR WINDOWS VISTA.

B. (U//FOUO) TASKS.

(1) (U//FOUO) TASKS TO HQDA PRINCIPALS AND AGENCIES, ARMY COMMANDS (ACOM), ARMY SERVICE COMPONENT COMMANDS (ASCC), ARMY NATIONAL GUARD (ARNG), AND DIRECT REPORTING UNITS (DRU) TO HQDA.

(A) (U//FOUO) NLT 1 MARCH 2009, PROVIDE COPIES OF ALL DESKTOP/LAPTOP IMAGE(S) TO SUPPORTING INSTALLATION DOIM OR AUTHORIZED SERVICE PROVIDER.

(B) (U//FOUO) REPORT COMPLIANCE STATUS TO YOUR INSTALLATION DOIM OR AUTHORIZED IT SERVICE PROVIDER IAW BELOW SCHEDULE AND UNTIL COMPLETE WITH COPY FURNISHED TO NETCOM.

- MONTHLY BEGINNING 1 FEBRUARY 2009
- 50% OF XP SYSTEMS BASELINED TO AGM XP 8.X NLT 31 JANUARY 2009
- 100% XP SYSTEMS BASELINED TO AGM XP 8.X NLT 28 FEBRUARY 2009

(2) (U//FOUO) TASKS TO PROGRAM EXECUTIVE OFFICES.

(A) (U//FOUO) NLT 31 DECEMBER 2009, ENSURE ALL LEGACY AND NEW ARMY AIS APPLICATIONS (THOSE IT SYSTEMS THAT REQUIRE CERTIFICATION AND ACCREDITATION) OPERATE WITH THE VISTA FDCC SECURITY SETTINGS. COMPLIANCE IN THIS INSTANCE MEANS THAT SOFTWARE APPLICATIONS (NEW AND LEGACY) WILL OPERATE ON A COMPUTER WITH THE VISTA AGM VERSION 8.X OR 9.X INSTALLED AND WITHOUT MODIFYING ANY AGM SETTINGS.

(B) (U//FOUO) NLT 1 MARCH 2009, SUBMIT WAIVER REQUESTS AND PLANS OF ACTION AND MITIGATION (POAM) FOR AIS APPLICATIONS THAT WILL NOT BE FDCC COMPLIANT AS OF 31 DECEMBER 2009. SEE [HTTPS://WWW.US.ARMY.MIL/SUITE/PAGE/559802](https://www.us.army.mil/suite/page/559802) FOR WAIVER INSTRUCTIONS.

(3) (U//FOUO) DOIMS AND AUTHORIZED IT SERVICE PROVIDERS

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(A) (U//FOUO) BEGINNING 1 MAY 2009, ASSUME RESPONSIBILITY AS THE SINGLE PROVIDER OF AGM IMAGES TO INSTALLATION TENANT ORGANIZATIONS.

(B) (U//FOUO) NLT 31 MARCH 2009, CREATE AND TEST AN INSTALLATION IMAGE FOR ALL INSTALLATION DESKTOPS/LAPTOPS USING THE AGM VERSION 8.0 OR HIGHER AS THE BASELINE STANDARD.

(C) (U//FOUO) NLT 31 MARCH 2009, COMPLETE UPGRADING ALL INSTALLATION DESKTOPS/LAPTOPS FROM OFFICE 2003 TO OFFICE 2007.

(D) (U//FOUO) NLT 1 APRIL 2009, PROVIDE THE INSTALLATION'S VISTA UPGRADE PLAN TO NETCOM. SEE [HTTPS://WWW.US.ARMY.MIL/SUITE/PAGE/559802](https://www.us.army.mil/suite/page/559802) FOR UPGRADE PLAN TEMPLATE AND TO POST COMPLETED PLANS.

(E) (U//FOUO) NLT 1 MAY 2009, ASSUME FULL RESPONSIBILITY FOR ALL INSTALLATION DESKTOP/LAPTOP MANAGEMENT.

(F) (U//FOUO) NLT 31 DECEMBER 2009, COMPLETE UPGRADING OF SUPPORTED INSTALLATION NIPRNET AND SIPRNET DESKTOPS/LAPTOPS TO VISTA AGM 9.X.

(G) (U//FOUO) REPORT COMPLIANCE STATUS FOR YOUR INSTALLATION AND SUPPORTED UNITS TO YOUR THEATER SIGNAL COMMAND IAW BELOW SCHEDULE AND UNTIL COMPLETE.

- MONTHLY BEGINNING 1 FEBRUARY 2009
- 25% OF SYSTEMS MIGRATED TO AGM VISTA 8.X NLT 28 FEBRUARY 2009
- 50% SYSTEMS MIGRATED TO AGM VISTA 8.X NLT 30 JULY 2009
- 100% SYSTEMS MIGRATED TO AGM VISTA 9.X NLT 31 DECEMBER 2009

(4) (U//FOUO) THEATER SIGNAL COMMANDS. REPORT COMPLIANCE STATUS TO THE AGNOSC FOR YOUR THEATER IAW BELOW SCHEDULE AND UNTIL COMPLETE.

- MONTHLY BEGINNING 1 FEBRUARY 2009
- 25% OF SYSTEMS MIGRATED TO AGM VISTA 8.X NLT 28 FEBRUARY 2009
- 50% SYSTEMS MIGRATED TO AGM VISTA 8.X NLT 30 JULY 2009
- 100% SYSTEMS MIGRATED TO AGM VISTA 9.X NLT 31 DECEMBER 2009

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C. (U) COORDINATION INSTRUCTIONS.

(1) (U//FOUO) ACKNOWLEDGE RECEIPT OF THIS MESSAGE WITHIN 48 HOURS AND PROVIDE ORGANIZATION POC, EMAIL, AND PHONE NUMBER VIA EMAIL TO THE AGNOSC AT A2TOC.TOC@MI.ARMY.SMIL.MIL.

(2) (U//FOUO) REPORT COMPLIANCE USING THE WEBSITE REPORTING TOOL LOCATED AT [HTTP://ARMYNETCROP.ARMY.SMIL.MIL/PROTECTING/REPORTING](http://ARMYNETCROP.ARMY.SMIL.MIL/PROTECTING/REPORTING). USE THE REPORT FOR YOUR ORGANIZATION UNDER THE AGM REPORTS.

(A) (U//FOUO) WAIVERS WILL NOT BE GRANTED FOR COMPLIANCE STATUS REPORTING.

(B) (U//FOUO) COMPLIANCE STATUS REPORTS WILL INCLUDE THE TOTAL NUMBER OF COMPUTERS IN THE ORGANIZATION, INSTALLATION, OR THEATER BASELINED WITH EACH AGM VERSION.

(3) (U//FOUO) CHANGES TO AGM SECURITY SETTINGS (CATEGORIES 1, 2, AND 3) ARE PROHIBITED. REQUESTS FOR EXCEPTION TO CATEGORY 2 AND 3 SETTINGS WILL BE SENT TO THE AGM PROGRAM MANAGER. REQUESTS FOR EXCEPTION TO CATEGORY 1 SETTINGS WILL BE SENT THROUGH THE AGM PROGRAM MANAGER TO THE DOD INFORMATION ASSURANCE STEERING GROUP.

(4) (U) IMPLEMENTATION GUIDANCE.

(A) (U//FOUO) AS DIRECTED IN FEDERAL ACQUISITION REGULATION RULING 2007-004, AND TO COMPLY WITH DOD POLICY, AND TO ACCELERATE THE ARMY'S MIGRATION TO THE MICROSOFT VISTA OPERATING SYSTEM, BEGINNING AUGUST 2008 THE ARMY'S HARDWARE COMMODITY BUY PROGRAM MANAGED BY PROGRAM DIRECTOR (PD) COMPUTER HARDWARE, ENTERPRISE SOFTWARE AND SOLUTIONS (CHES) BEGAN DELIVERING NEW DESKTOPS/LAPTOPS WITH THE VISTA AGM VERSION 8.0.

- ALL ARMY ORGANIZATIONS ARE PROHIBITED FROM REIMAGING THESE DESKTOPS/LAPTOPS TO THE XP AGM.

- ORGANIZATIONS OBTAINING PD CHES WAIVERS FROM USING THE COMMODITY BUY PROGRAM WILL INCORPORATE APPROPRIATE ACQUISITION LANGUAGE INTO CONTRACTS, TASK ORDERS, AND DELIVERY ORDERS TO ENSURE THE VISTA AGM VERSION 8.0 IS INSTALLED FOR NEW HARDWARE ACQUISITIONS.

(B) (U//FOUO) THE AGM PROGRAM RELEASED AN AGM 8.X GPO DESIGNED TO UPGRADE EARLIER VERSIONS OF AGM XP IMAGED DESKTOPS WITHOUT HAVING TO REIMAGE THE MACHINE. THE GPO WILL UPDATE THE LOCAL PLATFORM WITH

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THE AGM 8.X SECURITY CONFIGURATION. APPLYING THE GPO WILL NOT REMOVE UNAPPROVED SOFTWARE OR CONFIGURATION CHANGES MADE BY THE USER. IN THIS CASE, THE SOLUTION IS TO REIMAGE THE MACHINE WITH AGM XP 8.X, CONTROL LOCAL ADMINISTRATIVE RIGHTS, AND MANAGE THE LOCAL APPLICATION PORTFOLIO. ADDITIONAL INFORMATION REGARDING THE GPO IS POSTED AT URL: [HTTPS://WWW.US.ARMY.MIL/SUITE/FOLDER/12032218](https://www.us.army.mil/suite/folder/12032218). REGISTRATION IS REQUIRED FOR ACCESS AND REQUESTS ARE PROCESSED DAILY.

(C)(U//FOUO) UPGRADING FROM XP TO VISTA REQUIRES REIMAGING. THE AGM PROGRAM DOES NOT SUPPORT AN "UPGRADE-IN-PLACE" MODEL FOR UPGRADING FROM XP TO VISTA. THE UPGRADE PROCESS REQUIRES ANALYSIS OF HARDWARE AND APPLICATIONS FOR AGM VISTA COMPATIBILITY, BACKUP OF USER DATA, REIMAGING THE PLATFORM WITH AGM VISTA, AND RESTORATION OF REQUIRED APPLICATIONS AND USER DATA. THE AGM PROGRAM HAS POSTED A LARGE NUMBER OF TECHNICAL DOCUMENTS TO ASSIST ORGANIZATIONS AS THEY DEVELOP UPGRADE PLANS. THE ARMY'S MODEL OF DECENTRALIZED IT MANAGEMENT HAS RESULTED IN A WIDE RANGE OF LOCALLY AVAILABLE TOOLS, INCLUDING BUT NOT LIMITED TO SYMANTEC GHOST, ALTIRIS, MS SMS/SCCM, OR MS DEPLOYMENT TOOLKIT TO ASSIST WITH EACH OF THESE STEPS. THIS NON-STANDARD TOOLSET REDUCES THE AMOUNT OF SUPPORT OPTIONS AT THE AGM PROGRAM LEVEL SO THE DEPLOYING ORGANIZATION MUST RELY UPON LOCAL SUBJECT MATTER EXPERTS FOR THE SELECTED DEPLOYMENT SOLUTION. ORGANIZATIONS ARE PROHIBITED FROM MODIFYING THE AGM SECURITY SETTINGS. ADDITIONAL INFORMATION IS POSTED AT URL: [HTTPS://WWW.US.ARMY.MIL/SUITE/FOLDER/12032218](https://www.us.army.mil/suite/folder/12032218). REGISTRATION IS REQUIRED FOR ACCESS AND REQUESTS ARE PROCESSED DAILY.

5. (U) COMMAND AND CONTROL.

A. (U//FOUO) AGM POINT OF CONTACT IS THE AGM PROGRAM MANAGER, MS SHIRLEY J. DIXON, AT (703) 602-0235 DSN: 332, OR VIA EMAIL AT SHIRLEY.DIXON@US.ARMY.MIL.

B. (U//FOUO) AGNOSC POINT OF CONTACT IS OPST AT (703) 706-2392 DSN 235 OR VIA EMAIL THROUGH A2TOC.TOC@MI.ARMY.SMIL.MIL.

C. (U//FOUO) ACKNOWLEDGE RECEIPT OF THIS MESSAGE WITHIN 48 HOURS AND PROVIDE ORGANIZATION POC, EMAIL, AND PHONE NUMBER VIA EMAIL TO THE AGNOSC AT A2TOC.TOC@MI.ARMY.SMIL.MIL.