



IBM AND RED HAT COMMON CRITERIA EVALUATIONS ROAD MAP

February 2005: Red Hat Enterprise Linux 4 on IBM Servers achieves Controlled Access Protection Profile under the Common Criteria for Information Security Evaluation, also referred to as CAPP/EAL4+.

This evaluation is in compliance with the US government's security policy directive, NSTISSP (National Security Telecommunications and Information Systems Security Policy) number 11. This policy requires independent security evaluations for products used in national security systems.

The Common Criteria is an internationally recognized ISO standard (ISO/IEC 15408) used by governments and organizations world-wide to assess security and assurance of technology products. The CC provides a standardized way of expressing security requirements and defines a set of rigorous criteria by which products are evaluated. It is widely recognized among IT professionals, government agencies, and customers as a seal of approval for mission-critical software.

ASSURANCE LEVEL 4 EVALUATIONS (CAPP/EAL4+)

Red Hat Enterprise Linux v.4, Update 2 on six platforms including Red Hat Enterprise Linux WS on IBM xSeries and Red Hat Enterprise Linux AS on IBM xSeries, eServer BladeCenter, iSeries, pSeries, zSeries as well as Opteron-based systems. The evaluation was completed by atsec information security, one of the world's leading vendor-independent IT security consulting companies, accredited in the U.S. by NIAP and accredited in Germany by the Federal Office for Information Security (BSI).

ASSURANCE LEVEL 4 EVALUATION PLANS (CAPP, LSPP, AND RBAC/EAL4+)

Red Hat Enterprise Linux 5 is recognized as "in evaluation" for approved Common Criteria Evaluation & Validation Scheme (CCEVS) EAL 4+ for Labeled Security Protection Profile (LSPP) and Role-Based Access Control Protection Profile (RBAC) in addition to CAPP. These profiles support the requirements of Director of Central Intelligence Directive (DCID) 6/3 at Protection Level 4, which specifies security intelligence-related information and systems measures, including those necessary for Top Secret and Below Interoperability (TSABI). This CCEVS evaluation means Red Hat Enterprise Linux will reach a level of security previously achieved by only a handful of trusted operating systems.

This joint effort with IBM and Trusted Computer Solutions (TCS) enables high-value, proven, cross-domain security applications -- such as TCS SecureOffice® NetTop® and NetTop2 – Thin Client, which allow users access to multiple security levels on a single computer.

The evaluations are being completed by atsec information security and submitted to the National Information Assurance Partnership (NIAP) for accreditation. Red Hat Enterprise Linux 5 is anticipated to be in general availability in late 2006.

MULTI-LEVEL SECURITY AND RED HAT ENTERPRISE LINUX

Red Hat Enterprise Linux 5 will use the SELinux foundation introduced in Red Hat Enterprise Linux 4 to enable multi-level security (MLS) for the critical scenarios that require this security model. This will

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enable users of the trusted operating systems to take advantage of the benefits that Red Hat Enterprise Linux has offered UNIX users in the past, namely an operating system that has UNIX-like capabilities but with the ability to run on lower-cost, higher-performance, industry-standard hardware. Ultimately these organizations will gain far greater flexibility than in the past by being able to run on modern hardware platforms.

NEW WHITEPAPER

The Path to Multi-Level Security in Red Hat Enterprise Linux

By: Chris Runge, Sr. Solutions Architect, Red Hat

This paper is an introduction to Multi-Level Security, and examines the problems associated with past implementations. It provides a road map for MLS in Red Hat® Enterprise Linux®, and demonstrates how Security-Enhanced Linux, in conjunction with Red Hat Enterprise Linux, provides this new, more capable and more flexible solution.

http://www.redhat.com/f/pdf/sec/path_to_mlsec.pdf

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RED HAT

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(888)223-7083	HC1013-04-A-5000

GTSI Corp.	SEWP III NAS5-01142
3901 Stonecroft Blvd	ECS III 263-03-D-0504
Chantilly, VA 20151	PCHS V101(93)P-1843
(800)999-2000	USC RQ03-605674-16A