FEDERAL CRITERIA

for

INFORMATION TECHNOLOGY SECURITY

VOLUME II

Registry of Protection Profiles

Version 1.0

December 1992

This document is undergoing review and is subject to modification or withdrawal. The contents of this document should not be referenced in other publications.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

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NATIONAL SECURITY AGENCY

NOTES TO REVIEWERS

This is the first public draft of work in progress by the joint National Institute of Standards and Technology (NIST) and National Security Agency (NSA) Federal Criteria (FC) Project. This draft *Federal Criteria for Information Technology Security* is provided for preliminary review and comment by members of the national and international computer security community. The document will evolve into a new Federal Information Processing Standard (FIPS) intended principally for use by the United States Federal Government, and also by others as desired and appropriate. The FIPS is intended to replace the *Trusted Computer System Evaluation Criteria (TCSEC)* or "Orange Book."

Our objectives in presenting this draft material are threefold: first, to give the community a clear view of the FC Project's direction in moving beyond the TCSEC method of expressing requirements in order to meet new IT security challenges; second, to obtain feedback on the innovative approaches taken, the method of presentation, and granularity; and third, to make a substantial contribution to the dialogue among nations leading to the harmonization of IT security requirements and evaluations.

It is important to note a few things about this preliminary FC draft. First, it is a new and unpolished document and not intended for any purpose except review and comment. Organizations should not adopt any contents of this draft document for their use. It is anticipated that the document will undergo extensive revision as it works its way through the public FIPS approval process over the next year or two. Second, the FC is being distributed in two volumes. Volume I addresses the criteria development process and is intended principally for use by developers of protection profiles. The information in Volume I may also be of use to IT product manufacturers and product evaluators. Volume II presents completed IT product security criteria in the form of accepted protection profiles.

The protection profiles associated with the final FIPS will help consumers identify types of products that meet the protection requirements within their particular organizations and environments. However, the FIPS will be supplemented by a series of implementing guidance documents, many of which will be designed to help consumers make cost-effective decisions about obtaining and appropriately using security-capable IT products.

As a preliminary draft of the new FC-FIPS, this document is not intended for general distribution or compliance. The document should not be considered a complete or finished product. Your comments will be used by the Federal Criteria Working Group to help raise the maturity level of this material prior to being circulated for further public comment in the FIPS development process.

ADDITIONAL NOTES TO REVIEWERS

Reviewers who provide substantive comments on the enclosed draft FC by March 31, 1993 will be invited to attend an Invitational Workshop on the Federal Criteria. This two-day workshop will be held in the last week of April 1993 in the Washington-Baltimore area at a location to be announced. All comments received by the cut-off date will be correlated into major themes for discussion by break-out groups at the workshop. The results will be used as input into the process of re-drafting the FC for a second round of comment prior to its being formalized as a FIPS.

Please send your comments (electronic format preferred) to **Nickilyn Lynch** at the U.S. National Institute of Standards and Technology (NIST), Computer Systems Laboratory (CSL).

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Federal Criteria Comments
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Sincerely,

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COMMERCIAL SECURITY REQUIREMENTS
FOR
MULTI-USER OPERATING SYSTEMS

A family of Protection Profiles for the
Federal Criteria for Information Technology Security

Issue 1.1
January 1993
Supersedes Minimum Security Requirements
for Multi-User Operating Systems

Computer Security Division
Computer Systems Laboratory
National Institute of Standards and Technology