

## Common Criteria Computing on Linux . . . Today!

In government and in business, data security has no substitute. Either your IT systems are ready to meet the challenge or they are not.

Since you made the decision to adopt Linux, you need to make sure it meets your security needs. IBM and SUSE Linux deliver on the promise of highly secure computing on your operating system of choice.

### EAL2+ Certification on IBM @server xSeries Servers

SUSE Linux Enterprise Server has earned the Common Criteria second Evaluation Assurance Level (EAL2+) running on IBM xSeries servers. This combination of enterprise-ready Linux on IBM servers provide highly secure, scalable, and cost effective computing for your organization.

Together, a team of dedicated SuSE and IBM security engineers drove the Common Criteria certification through a certification lab. SUSE used IBM xSeries 335 servers throughout the process, to confirm that the most popular combination of operating system and server architecture were the first Linux systems certified by Common Criteria standards.

SUSE and IBM achieved EAL2+ certification within months based primarily on SUSE's existing management processes for software flaw remediation (the "+" in EAL2), delivery and operation, configuration management and quality assurance. These functions are part of the certification process, and are essential to developing and maintaining highly secure systems.

### EAL3+ Certification on IBM @server

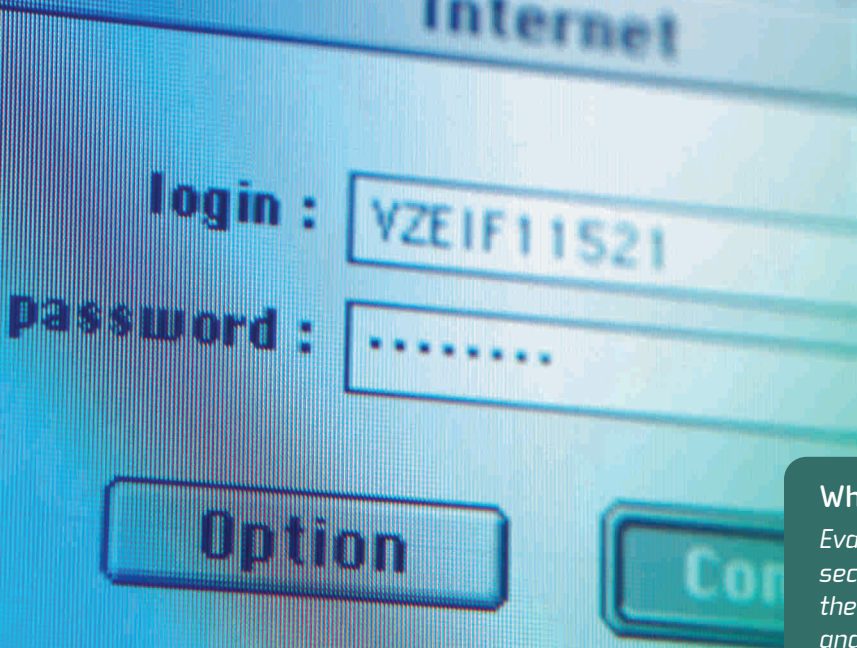
SUSE and IBM are not holding still. CAPP EAL3+ certification\* provides independent testing and exhaustive security evaluation. CAPP for Linux is more robust and detailed, and introduces audit capabilities.

Aside from being more secure, the SUSE/IBM CAPP/EAL3+ will be valid for SUSE Linux Enterprise Server on more IBM eServer platforms – IBM's PowerPC based line of servers, zSeries mainframes, as well as their x86-based xSeries line.

#### Common Criteria Benefits

- *Objective certification by an independent body*
- *International/worldwide acceptance – backed by 16 national governments*
- *Simplifies comparison and measurement of features and procedures*
- *Contributes to higher levels of confidence in IT product security*
- *Linux systems with common criteria certification provide additional buyers confidence*

\*anticipated around January 2004



### What are EALs?

Evaluation Assurance Levels (EALs) are different degrees of security evaluation in the Common Criteria program. Each of the seven ascending levels requires more diligence and testing, and in turn grants IT customers higher levels of confidence in the safety of their data. Only governments protecting state secrets or military data typically use the highest Common Criteria levels.

## Security means trust

Security is not built on faith – it is built on trust. Confidence and trust comes from solutions from IBM and SuSE, established leaders in the Linux marketplace. This level of business confidence now extends deep into Linux, letting you install Linux with the confidence you need.

## What is Common Criteria?

The Common Criteria is a set of standards for information technology security. Organized by the ISO (International Organization for Standardization – ISO/IEC #15408), the Common Criteria is the combination of IT product security standards of 16 different nations. At various levels, the Common Criteria evaluates technology:

- Auditing
- Cryptographic support
- Communications
- User data protection
- Identification and authentication
- Security management
- Privacy
- Protection of the security functions
- Resource utilization
- Access
- Trusted path/channels

See [www.commoncriteria.org](http://www.commoncriteria.org) or [www.iso.org](http://www.iso.org) for more details.



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