

## Certifications

This collection lists the latest security certifications related to the Linux on IBM Z® and IBM® LinuxONE environments.

### IBM Z Logical Partitioning (LPAR)

The **IBM z15™** and **IBM LinuxONE III**, Driver Level D41C with Bundle Level H06/S06c, were evaluated under the Common Criteria at Evaluated Assurance Level **5+**. This means that the z15 and LinuxONE III prevent an application running on one operating system image on one LPAR from accessing application data running on a different operating system image on another LPAR on the server. The BSI issued certificate IDs are [BSI-DSZ-CC-1133-2020](#) and [BSI-DSZ-CC-1160-2021](#).

PR/SM™ for **IBM z14°** Driver Level D32L with Bundle Level S29 and **IBM LinuxONE** systems, **IBM z14 ZR1** Driver Level D32L with Bundle Level S35 LinuxONE systems were evaluated under the Common Criteria at Evaluated Assurance Level **5+**. The BSI issued certificate IDs are [BSI-DSZ-CC-1048-2018](#) and [BSI-DSZ-CC-1101-2019](#).

PR/SM on **IBM z13°** GA2, **IBM z13s°** GA1 and **IBM LinuxONE** systems, Driver Level D27i, were evaluated under the Common Criteria at Evaluated Assurance Level **5+**. The BSI issued certificate ID [BSI-DSZ-CC-1005-2016](#)

PR/SM for **IBM zEnterprise® EC12 (zEC12)** GA2 and **IBM zEnterprise BC12 (zBC12)** GA1, Driver Level D15F was evaluated under the Common Criteria at Evaluated Assurance Level **5+**. The BSI issued certificate ID is [BSI-DSZ-CC-0900-2014](#).



### IBM z/VM®

**z/VM 7.2** has completed a Common Criteria evaluation. This certifies the product in accordance with the Operating System Protection Profile (with Virtualization and Labeled Security extensions) at Evaluation Assurance Level 4 (EAL4+). The OCSI issued the [certificate](#).

**z/VM V7.2** System SSL Module has been validated as conforming to the Federal Information Processing Standard (FIPS) 140-2. This industry-recognized cryptographic standard mandates modern digital key sizes and integrity checking for TLS operations. See [certificate](#).

The successful certifications affirm z/VM's continued commitment to the security and integrity requirements in the IT industry.

**z/VM V6.4 with the SSI and RACF® Security Server** features enabled, has been certified to conform to the Operating System Protection Profile (OSPP) with Virtualization (-VIRT) and Labeled Security (-LS) extensions of the Common Criteria standard for IT security, ISO/IEC 15408, at EAL4+. The OCSI issued the [certificate](#).

z/VM V6.4 System SSL module, with the PTF for APAR PI99134, has been validated as conforming to the Federal Information Processing Standard (FIPS) 140-2. See [Certificate 3374](#).

## Linux distributions

**Red Hat Enterprise Linux Version 7.1** has been evaluated at an approved evaluation facility using the Common Methodology for IT Security Evaluation (CEM). The evaluation achieved an Evaluated Assurance Level 4+, augmented with ALC\_FLR.3. The BSI issued certificate ID [BSI-DSZ-CC-0999-2016](#).

**SUSE Linux Enterprise Server Version 15 SP2** has been evaluated at an approved evaluation facility using the Common Methodology for IT Security Evaluation (CEM). The evaluation achieved an Evaluated Assurance Level 4+, augmented by ALC\_FLR.3. The BSI issued certificate ID [BSI-DSZ-CC-1151-2021](#).

**SUSE Linux Enterprise Server Version 12** has been evaluated at an approved evaluation facility using the Common Methodology for IT Security Evaluation (CEM). The evaluation achieved an Evaluated Assurance Level 4+, augmented by ALC\_FLR.3. The BSI issued certificate ID [BSI-DSZ-CC-0962-2016](#).

**Canonical Ubuntu 18.04** and **16.04** have FIPS-140/2 and Common Criteria Certification certifications. More information about the security certification can be [found here](#).



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