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RHSA

25-05-13

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Updated Pa

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Security

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Identif	
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Topic

Clearing your browser cookies may delete your cookie preferences. If you re-visit this site after clearing browser cookies, you will need to reset your preferences at that time. If you have set your browser's global privacy settings, then we recognize

An update for xorg-x11-server is now available for Red Hat Enterprise Linux 9.

Red Hat Product Security has rated this update as having a security impact of Moderate. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

Description

X.Org is an open-source implementation of the X Window System. It provides the basic low-level functionality that full-fledged graphical user interfaces are designed upon.

Security Fix(es):

- xorg-x11-server: tigervnc: heap-based buffer overflow privilege escalation vulnerability (CVE-2024-9632)
- X.Org: Xwayland: Use-after-free of the root cursor (CVE-2025-26594)
- xorg: xwayland: Use-after-free in SynclnitTrigger() (CVE-2025-26601)
- xorg: xwayland: Use-after-free in PlayReleasedEvents() (CVE-2025-26600)
- xorg: xwayland: Use of uninitialized pointer in compRedirectWindow() (CVE-2025-26599)
- xorg: xwayland: Out-of-bounds write in CreatePointerBarrierClient() (CVE-2025-26598)
- xorg: xwayland: Buffer overflow in XkbChangeTypesOfKey() (CVE-2025-26597)
- xorg: xwayland: Heap overflow in XkbWriteKeySyms() (CVE-2025-26596)
- Xorg: xwayland: Buffer overflow in XkbVModMaskText() (CVE-2025-26595)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

Additional Changes:

For detailed information on changes in this release, see the Red Hat Enterprise Linux 9 Release Notes linked from the References section.

Solution

For details on how to apply this update, which includes the changes described in this advisory, refer to:










<https://access.redhat.com/articles/11258> 

Affected Products










- Red Hat Enterprise Linux for x86_64 9 x86_64
- Red Hat Enterprise Linux for x86_64 - Extended Update Support 9.6 x86_64
- Red Hat Enterprise Linux Server - AUS 9.6 x86_64
- Red Hat Enterprise Linux for IBM z Systems 9 s390x
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 9.6 s390x
- Red Hat Enterprise Linux for Power, little endian 9 ppc64le
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 9.6 ppc64le
- Red Hat Enterprise Linux for ARM 64 9 aarch64
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 9.6 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 9.6 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 9.6 x86_64
- Red Hat CodeReady Linux Builder for x86_64 9 x86_64
- Red Hat CodeReady Linux Builder for Power, little endian 9 ppc64le
- Red Hat CodeReady Linux Builder for ARM 64 9 aarch64
- Red Hat CodeReady Linux Builder for IBM z Systems 9 s390x
- Red Hat CodeReady Linux Builder for x86_64 - Extended Update Support 9.6 x86_64
- Red Hat CodeReady Linux Builder for Power, little endian - Extended Update Support 9.6 ppc64le

- Red Hat CodeReady Linux Builder for IBM z Systems - Extended Update Support 9.6 s390x
- Red Hat CodeReady Linux Builder for ARM 64 - Extended Update Support 9.6 aarch64
- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 9.6 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 9.6 s390x
- Red Hat Enterprise Linux for x86_64 - Extended Life Cycle 9.6 x86_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 9.6 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 9.6 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 9.6 s390x



Fixes

- [BZ - 2317233](#)  - CVE-2024-9632 xorg-x11-server: tigervnc: heap-based buffer overflow privilege escalation vulnerability
- [BZ - 2345248](#)  - CVE-2025-26594 X.Org: Xwayland: Use-after-free of the root cursor
- [BZ - 2345251](#)  - CVE-2025-26601 xorg: xwayland: Use-after-free in SynclnitTrigger()
- [BZ - 2345252](#)  - CVE-2025-26600 xorg: xwayland: Use-after-free in PlayReleasedEvents()
- [BZ - 2345253](#)  - CVE-2025-26599 xorg: xwayland: Use of uninitialized pointer in compRedirectWindow()
- [BZ - 2345254](#)  - CVE-2025-26598 xorg: xwayland: Out-of-bounds write in CreatePointerBarrierClient()
- [BZ - 2345255](#)  - CVE-2025-26597 xorg: xwayland: Buffer overflow in XkbChangeTypesOfKey()
- [BZ - 2345256](#)  - CVE-2025-26596 xorg: xwayland: Heap overflow in XkbWriteKeySyms()
- [BZ - 2345257](#)  - CVE-2025-26595 Xorg: xwayland: Buffer overflow in XkbVModMaskText()

CVEs

- [CVE-2024-9632](#) 
- [CVE-2025-26594](#) 
- [CVE-2025-26595](#) 
- [CVE-2025-26596](#) 
- [CVE-2025-26597](#) 
- [CVE-2025-26598](#) 
- [CVE-2025-26599](#) 
- [CVE-2025-26600](#) 
- [CVE-2025-26601](#) 

References

- <https://access.redhat.com/security/updates/classification/#moderate> 
- https://docs.redhat.com/en/documentation/red_hat_enterprise_linux/9/html/9.6_release_notes/index 

The Red Hat security contact is secalert@redhat.com. More contact details at <https://access.redhat.com/security/team/contact/>.



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