



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates-VMware Workstation and Fusion Multiple Vulnerabilities**

Tracking #:432315862

Date:17-05-2024

THE INFORMATION CONTAINED WITHIN IS THE PROPERTY OF THE CYBER SECURITY COUNCIL OF THE UNITED ARAB EMIRATES GOVERNMENT AND IS TO BE USED EXCLUSIVELY FOR INTELLIGENCE PURPOSES. IT MAY NOT BE USED IN ANY LEGAL OR PUBLIC MATTER WITHOUT THE EXPLICIT APPROVAL OF THE CYBER SECURITY COUNCIL

## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed multiple vulnerabilities in VMware Workstation and Fusion products that could be exploited to execute code, cause a denial-of-service (DoS) condition, or leak sensitive information on affected systems.

## TECHNICAL DETAILS:

### Vulnerabilities Details:

- **CVE-2024-22267 (CVSS score: 9.3 Critical):** A use-after-free vulnerability in the Bluetooth device. A malicious actor with local administrative privileges on a virtual machine can exploit this vulnerability to execute code with elevated privileges on the host system.
- **CVE-2024-22268 (CVSS score: 7.1 High):** A heap buffer-overflow vulnerability in the Shader functionality. A malicious actor with non-administrative access to a virtual machine with 3D graphics enabled can exploit this vulnerability to create a Denial-of-Service (DoS) condition.
- **CVE-2024-22269 (CVSS score: 7.1 High):** An information disclosure vulnerability in the Bluetooth device. A malicious actor with local administrative privileges on a virtual machine can exploit this vulnerability to read sensitive information from the hypervisor memory.
- **CVE-2024-22270 (CVSS score: 7.1 High):** An information disclosure vulnerability in the Host Guest File Sharing (HGFS) functionality. A malicious actor with local administrative privileges on a virtual machine can exploit this vulnerability to read sensitive information from the hypervisor memory.

### Affected Versions:

- VMware Workstation Pro / Player versions prior to 17.5.2
- VMware Fusion versions prior to 13.5.2

### Fixed Versions:

- VMware Workstation Pro / Player: 17.5.2
- VMware Fusion: 13.5.2

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends updating the affected versions to the latest fixed version released by VMware.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

## REFERENCES:

- <https://support.broadcom.com/web/ecx/support-content-notification/-/external/content/SecurityAdvisories/0/24280>