

## Excerpt: Vulnerability in Oracle Java Could Allow Remote Code Execution<sup>15</sup>

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### ORIGINAL OVERVIEW

A vulnerability has been discovered in Oracle Java that can lead to remote code execution. Java is used to enhance the user experience when visiting websites and is installed on a majority of desktops and servers. This vulnerability may be exploited if a user visits or is redirected to a specifically crafted web page. Successful exploitation of this vulnerability could result in an attacker gaining the same privileges as the Java application. Depending on the privileges associated with the application, an attacker could then install programs; view, change, or delete data; or create new accounts with full user rights.

This vulnerability is being exploited in the wild by multiple exploit kits, such as BlackHole, Redkit, Nuclear Exploit Kit and CoolExploit Kit. Exploit code for this vulnerability is also publicly available.

**Comment:** This first threat overview is a timely warning that there is a problem and users need to take immediate action. A few days later, when more information was available, an update was issued.

*(Continued)*