CSRF on Novell GroupWise WebAccess allows email theft and other attacks

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Content

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PR08-21 - CSRF on Novell GroupWise WebAccess allows email theft and other attacks

Vulnerability found:03 October 2008Vendor informed:03 October 2008Severity level:CriticalCredits:Adrian Pastor of ProCheckUp Ltd (www.procheckup.com). ProCheckUp thanks Novell for working with us in such a professional manner. Description:Novell WebAccess is vulnerable to CSRF.

Any HTTP request can be successfully forged which means that any configuration settings can be changed on behalf of the victim user by tricking him to either:

- visit a page
- click on a link
- view the content of an email (HTML body or attachment)

Perhaps, the most interesting CSRF attack that can be carried out is installing a persistent backdoor which forwards received emails to the attacker. By forging the requests that adds a new forwarding rule, a copy of any email sent to the victim user will be sent to the attacker's inbox.

All the attacker needs to do is email the victim with a malicious link and trick him to click on it. Alternatively, the CSRF attack can be triggered by simply viewing an email sent by the attacker.

Sucessfully tested on

Novell GroupWise WebAcess 7.0.3

Novell has confirmed the following versions to be affected by this vulnerability:

GroupWise 6.5x GroupWise 7.0, 7.01, 7.02x, 7.03 GroupWise 8.0 (shipping 8.0 release only)

CVE reference

CVE-2009-0272

Consequences

Attackers can steal emails, deface email signatures, etc ... Proof of concept:As kindly requested by Novell, ProCheckUp will delay publication of the PoC details to allow GroupWise customers time to apply the recommended security patches. How to fix:http://www.novell.com/support/search.do?usemicrosite=true&searchString=7002319
References:http://www.procheckup.com/vulnerability_manager

http://www.novell.com/documentation/gw7/gw7_userweb/index.html?page=/documentation/gw7/gw7_userweb/data/using_rules.html

http://en.wikipedia.org/wiki/Cross-site_request_forgery
