

Xerox Product Response to CERT[®] Vulnerability Note VU#457875: *Various DNS service implementations generate multiple simultaneous queries for the same resource record*

Audience and Purpose

The primary audience for this document is Xerox analysts and customers who want information regarding how Xerox products respond to [CERT[®] Vulnerability Note VU# 457875](#), issued by CERT[®] on November 19th, 2002. The following sections provide excerpts from the CERT[®] advisory and the corresponding Xerox response.

Background

The CERT[®] Coordination Center (CERT/CC) is a center of Internet security expertise at the [Software Engineering Institute](#), a federally funded research and development center operated by [Carnegie Mellon University](#). CERT[®] studies Internet security vulnerabilities, handles computer security incidents, publishes security alerts, researches long-term changes in networked systems, and develops information and training to help you improve security at your site.

[CERT[®] Vulnerability Note VU# 457875](#) refers to various implementations of DNS services that may allow multiple simultaneous queries for the same resource record, allowing an attacker to apply probabilistic techniques to improve their odds of successful DNS spoofing.

Xerox Product Response

The table below lists various products and their positions with respect to [CERT[®] Vulnerability Note VU# 457875](#). This document will be updated with additional product information as it becomes available.

Product	Response to CERT[®] Vulnerability Note VU# 457875
DigiPath	DigiPath is not affected by this vulnerability.
DocuColor 1632/2240	DocuColor 1632/2240 products are not affected by this vulnerability.
DocuColor 3535 with EFI Network Controller	The DocuColor 3535 with EFI Network Controller does not use DNS and is not, therefore, affected by this vulnerability.
DocuColor with CREO front-ends: <ul style="list-style-type: none"> • DocuColor 2060/2045 with CSX2000 • DocuColor 3535 with CXP3535 • DocuColor 6060/2060 with CXP6000 	DocuColor products with CREO front-ends are not DNS nameservers and are not, therefore, affected by this vulnerability.

Product	Response to CERT® Vulnerability Note VU# 457875
DocuColor Windows NT based products with EFI front-ends: <ul style="list-style-type: none"> • DocuColor 12 with X12 • DocuColor 12 with EX12 • DocuColor 12 with XP12 • DocuColor 2045/2060 with EX2000 • DocuColor 2045/2060 with EX2000d • DocuColor 2045/2060 with EX2000v • DocuColor 6060 with EXP6000 	DocuColor Windows NT based products with EFI front-ends do not use DNS and is not, therefore, affected by this vulnerability.
Windows XPe based products with EFI front-ends: <ul style="list-style-type: none"> • DocuColor 3535 with EX3535 	DocuColor Windows XPe based products with EFI front-ends are Microsoft Windows based and are not, therefore, affected by this vulnerability.
Document Centre Products (200, 300, 400 and 500 Series)	Document Centre products are not affected by this vulnerability.
DocuPrint N Series products	DocuPrint N Series products do not include a DNS nameserver. While the products include a stub resolver (mentioned as possibly vulnerable), that resolver is only callable by embedded code so it can't be made to generate multiple DNS requests.
Phaser products	Phaser products do not include a DNS nameserver. While the products include a stub resolver (mentioned as possibly vulnerable), that resolver is only callable by embedded code so it can't be made to generate multiple DNS requests.
WorkCentre M35 WorkCentre M45 WorkCentre M55 WorkCentre Pro 35 WorkCentre Pro 45 WorkCentre Pro 55 WorkCentre Pro 65 WorkCentre Pro 75 WorkCentre Pro 90 WorkCentre Pro 32 Color WorkCentre Pro 40 Color	These WorkCentre products are not affected by this vulnerability.

Contact

For additional information or clarification on any of the product information given here, contact Xerox support.

Disclaimer

The information provided in this Xerox Product Response is provided "as is" without warranty of any kind. Xerox Corporation disclaims all warranties, either express or implied, including the warranties of merchantability and fitness for a particular purpose. In no event shall Xerox Corporation be liable for any damages whatsoever resulting from user's use or disregard of the information provided in this Xerox Product Response including direct, indirect, incidental, consequential, loss of business profits or special damages, even if Xerox Corporation has been advised of the possibility of such damages. Some states do not allow the exclusion or limitation of liability for consequential damages so the foregoing limitation may not apply.