

Xerox Product Response to CERT[®] Vulnerability Note VU#442569: MIT Kerberos vulnerable to ticket splicing when using Kerberos4 triple DES service tickets

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#442569](#), issued by CERT[®] on March 20, 2003. 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#442569](#) states that several cryptographic vulnerabilities exist in the basic Kerberos version 4 protocol that could allow an attacker to impersonate any user in a Kerberos realm and gain any privilege authorized through that Kerberos realm.

Xerox Product Response

The table below lists various products and their positions with respect to [CERT[®] Vulnerability Note VU#442569](#). This document will be updated with additional product information as it becomes available.

Product	Response to CERT[®] Vulnerability Note VU#442569
CentreWare Network Scanning Services	CentreWare Network Scanning Services does not use Kerberos and is not, therefore, affected by this vulnerability.
CentreWare Network Services	CentreWare Network Services does not use Kerberos and is not, therefore, affected by this vulnerability.
DigiPath	DigiPath does not utilize Kerberos and is not, therefore, affected by this vulnerability.
DocuColor 1632/2240	DocuColor 1632/2240 products do not use Kerberos and are not, therefore, affected by this vulnerability.
DocuColor 3535 with EFI Network Controller	The DocuColor 3535 with EFI Network Controller is not 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 do not use Kerberos 4 and are not, therefore, affected by this vulnerability.

Product	Response to CERT® Vulnerability Note VU#442569
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 are not affected by this vulnerability.
DocuColor 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 do not use Kerberos 4 and are not, therefore, affected by this vulnerability.
Document Centre Xerox WIA Driver for Microsoft® Windows XP®	Document Centre Xerox WIA Driver for Microsoft® Windows XP® does not use Kerberos and is not, therefore, affected by this vulnerability.
DocuPrint IPS/NPS Series products	DocuPrint IPS/NPS Series products do not use Kerberos and are not, therefore, affected by this vulnerability.
DocuPrint N Series products	DocuPrint N Series products do not use Kerberos and are not, therefore, affected by this vulnerability.
FlowPort	FlowPort uses Kerberos 5 and is not, therefore, affected by this vulnerability.
iGen3 Creo Spire Color Controller	The iGen3 Creo Spire Color Controller does not use Kerberos and is not, therefore, affected by this vulnerability.
Phaser products	Phaser products do not use Kerberos and are not, therefore, affected by this vulnerability.

Product	Response to CERT® Vulnerability Note VU#442569
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 do not use Kerberos 4 and are not, therefore, affected by this vulnerability.

Contact

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

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