Security Advisory: ID 20210719

RUCKUS SmartZone Reflective Amplification Attack Vulnerability

Internal Release Date: **07/19/2021**
Public Release: **07/19/2021**

What is the issue?
A vulnerability in the eAut module of RUCKUS SmartZone Controller could allow an unauthenticated, remote attacker to perform a DoS attack against another network device by sending a crafted request to the vulnerable module.

This vulnerability is due to an improper handling of an error condition. This causes the vulnerable module to send a UDP packet of 5288 bytes in size.

RUCKUS would like to recognize and thank Li-Xiang, Baidu security researcher, and Borja Marcos from Sarenet for finding and reporting this issue to us.

What action should I take?
RUCKUS is releasing the fix for these vulnerability through a software update. Since it is a severe issue, all affected customers are strongly encouraged to apply the fix once available.

In case of any questions contact RUCKUS TAC through regular means as described at https://support.ruckuswireless.com/contact-us and refer to this document to validate this entitlement.

Are there any workarounds available?
Blocking port 9001 using firewall can mitigate this vulnerability.

What is the impact on Ruckus products?
The following table describes the vulnerable products, software versions, and the recommended actions.

Product	Vulnerable Release	Resolution	Release Date
SmartZone	3.6.2 and earlier	Contact Customer Support	7/16/21

It should be noted that this vulnerability applies to both SmartZone and virtual SmartZone.

When will this RUCKUS Security Advisory be publicly posted?
RUCKUS released the initial security advisory to RUCKUS field teams on: 07/19/2021
RUCKUS released the initial security advisory to customers on: 07/19/2021
Public posting: 07/19/2021

Revision History

Version	ID	Change	Date
1.0	20210719	Initial Release	July 19, 2021

RUCKUS Support

The RUCKUS Customer Services & Support organization can be contacted via phone, chat, and through our web portal. Details at https://support.ruckuswireless.com/contact-us.