Realtek Semiconductor Corp.
No. 2, Innovation Road II,
Hsinchu Science Park, Hsinchu 300, Taiwan
Tel: +886-3-5780211; Fax: +886-3-5776047

Security Advisory

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Title	*Realtek SDK - Command injection in xDSL CPE Web Interface*
Description	Certain CPE routers are affected by a command injection vulnerability in the web management interface. An attacker with administrative privileges can inject and execute arbitrary system commands on the device, potentially resulting in full device compromise. Remote exploitation is possible if the management interface is exposed to untrusted networks.
Severity	High
CVSSv3	AV:N/AC:H/PR:H/UI:R/S:C/C:H/I:H/A:H
Vulnerability Type	Arbitrary Command Execution
CWE	CWE-78 OS Command Injection CWE-20 Improper Input Validation
Affected Chipsets	Realtek RTL8672 (EOL)
Affected Software Versions	Realtek xDSL SDK Lunaxdsl-4.0.1, Lunaxdsl-4.0.2

Acknowledgement

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- Danilo Erazo (revers3everything@gmail.com) - Automotive Cybersecurity Researcher

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