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 10 Mar 1995, Taipei, Taiwan

Summary

I'm currently working at Trend Micro as a software engineer. Although there are some other role as I'm playing, I still couldn't let go of a good opportunity to work as a network security engineer in your company. Therefore, here I only focus on the expertise with regard to network security. I am an experienced Network Security Engineer with a strong track record of successfully integrating security solutions into ISP router devices. I excel in troubleshooting recurring technical challenges related to iptables, Linux system functionalities, Linux conntrack, and cross-compilation. Proficient in tools such as GDB, iptables, and network analysis tools like tcpdump and Wireshark, I have a collaborative approach to problem-solving and a commitment to enhancing project quality and system efficiency. I am currently seeking new opportunities in the field of network security where I can leverage my expertise and contribute to a secure and efficient network environment.

Work Experience

Network Security Engineer <div align="right">Trend Micro</div>

Project: Home Network Security (HNS SDK) <div align="right">*Nov 2021 - Present*</div>

- Held the responsibility for porting the HNS solution, integrating the packet inspection engine and core process into ISP router devices, ensuring the project's successful integration.
- Addressed problems oftenly related to iptables rules, Linux system functionalities, Linux conntrack, or cross-compilation issues. Utilized tools such as GDB, iptables, and a trial-and-error methodology to conduct in-depth investigations and effectively resolve these issues.
- Improved the Packet Inspection Process by using iptables and conntrack techniques to prevent redundant packets from the same connection from entering the process.
- Acquire basic networking based issues solving techniques like Tcpdump and Wireshark.
- Collaborated closely with other team members or customers to solve problems or to deliver released package.

Related abilities

C/C++ programming, Network development

Education

Master of Computer Science <div align="right">Sep 2018 - Feb 2021</div>

National Taiwan University <div align="right">*Completed*</div>

Bachelor of Department of Photonics <div align="right">Sep 2013 - Jun 2017</div>

National Cheng Kung University <div align="right">*Completed*</div>