

Acronym/Nickname CVP	Certification Body EC-COUNCIL
Description	Certification Level Professional
<p>Internet and computer technology have already changed the way people living, work and communicate. VoIP (Voice over Internet Protocol) is one of the converged technologies behind this communication revolution.</p> <p>VoIP is the family of technologies that allow IP networks to be used for voice applications, such as telephony, voice instant messaging, and teleconferencing. VoIP entails solutions at almost every layer of an IP network from specialized voice applications (like Skype) all the way down to low-level quality measures that keep those applications running smoothly.</p> <p>VoIP and IP telephony are becoming increasingly popular with large corporations to consumers alike. Internet Protocol (IP) is increasingly viewed as more than just a way to transport data, but also as a tool that simplifies and streamlines a wide range of business applications. Telephony is the most obvious example. VoIP—or voice over IP—is also the foundation for more advanced unified communications applications that can have an increasingly transformative effect on the way you do business.</p>	<p>Covered competencies</p> <ul style="list-style-type: none"> ▪ EC-Council's endorsement as a licensed penetration testing professional and allows them to practice as penetration testing consultant internationally. ▪ Industry acceptance as a legal and ethical security professional ▪ Access to proprietary EC-Council software, templates and penetration testing methodologies. ▪ License to practice and conduct security testing in organizations accredited by EC-Council. ▪ Acquire knowledge from experienced hands, on penetration testing methodologies and latest penetration testing practices. <p>Requirements</p> <ul style="list-style-type: none"> ▪ Pass exam 312-78 to achieve EC-Council Certified VoIP Professional (ECVP) certification.

Target The ECVP certification is intended for IT professionals who are responsible for designing and building Voice of IP networks	Career Path
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Authorized Testing Center: PEARSON VUE / PROMETRIC	Indicative Fee* 250 USD	Certification Schedule*
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* Fees and schedules are subject to change without prior notice, please get in touch with certification body through contact details below

Recommended/Preparatory Training
<p>Module 01: Introduction to VoIP</p> <p>Module 02: Analog to Digital Conversions</p> <p>Module 03: Traditional Voice Telephony Principles</p> <p>Module 04: VoIP Devices and Cisco Components</p> <p>Module 05: Configuring VoIP</p> <p>Module 06: Implementation and Applications of VoIP</p> <p>Module 07: Quality of Service (QoS) of VoIP</p> <p>Module 08: H.323 Standards</p> <p>Module 09: SIP and Supporting Protocols</p> <p>Module 10: Megaco Protocol</p> <p>Module 11: Resource Reservation Protocol</p> <p>Module 12: Wireless VoIP</p> <p>Module 13: Encryption Techniques for VoIP</p> <p>Module 14: Troubleshooting VoIP Network</p> <p>Module 15: VoIP Testing and Tools</p> <p>Module 16: Threats to VoIP Communication Network</p> <p>Module 17: VoIP Security</p> <p>Module 18: Logical Segregation of Network Traffic</p> <p>Module 19: Hardware and Software VoIP Vendors</p> <p>Module 20: Regulatory Compliance of VoIP</p> <p>Module 21: VoIP Hacking</p>

Where to get more information:
<http://www.eccouncil.org/ECVP.htm>