CASP, Part 5 of 9: Internet Communications Security

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Meet the expert: David Bigger is the lead trainer at Bigger IT Solutions. He has been information technology for a little over 20 years and has been training all over the US. He has worked with companies like US Military, Lockheed Martin, General Dynamics, Dominos Pizza, University of Utah and Expedia

Prerequisites: This course assumes that the student has familiarity with information technology and basic networking. The student should also be familiar with basic security concepts, whether through the CompTIA Advanced Security Practitioner Part 1 course or outside study. No scripting or “hacking” experience is required.

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Course description: You’re ready to branch out your office to a remote location in another state, but how are you going to share data between the two offices? Discover the methods of tunneling and virtual private networks so data can not only be shared, but can also be shared securely. Take a look at advanced authentication including SAML, SOAP, Single Sign On, and Federated Identity. Most business can’t survive without communications, so this course will also walk you through securing unified communications such as VOIP, web conferencing, and instant messaging. This course is part of a series covering the CompTIA Advanced Security Practitioner (CASP).

Course outline:

Mobile Communications
• Introduction
• Mobile Communications
• Keeping Safe
• Summary

Advanced Authentication
• Introduction
• Advanced Authenticaton
• SAML
• SSO
• Federated Identity
• SOAP
• Certificate Based Authentication
• Summary

Securing Unified Communications
• Introduction
• VoIP
• Securing VoIP
• Video Conferencing
• Instant Messaging
• Instant Messaging Threats
• Securing Instant Messaging
• Summary