

How to prepare the CCSP Certification

The CCSP certification has CCNA Security as a prerequisite, so you can't start without that one. Then you need to take 4 more exams, 3 of them are fixed and the last one you can choose out of a list of elective exams.

1. **CCNA Security** ? pre-requisite; Exam 642-553. This one is the entry-level certificate in the security train and introduces you to basic concepts about firewalls, securing the network, VPNs, ACS, network attacks and so on. I used the [official certification guide book](#) from Cisco Press. I was already familiar with most of the technologies discussed in the book so this was an easy exam but I would say the book is good and you can use it to pass even if you are new to the security field. You do need to have CCNA passed though.
2. **IPS** (Implementing Cisco Intrusion Prevention System) ? mandatory; Exam 642-533. For this one you need to be familiar with the IPS sensors. I didn't have access to something like that to practice so I took the official Cisco class for this exam. It was a 5-day class at Experteach and I would say it did a decent job at preparing me for the exam. It was not exactly cheap though (none of the Cisco classes are).
3. **SNRS** (Securing Networks with Cisco Routers and Switches) ? mandatory; Exam 642-504. This exam builds upon CCNA Security and further introduces you to a bit more advanced concepts like Layer 2 security, network threat mitigation, DMVPN, GETVPN and so on. I took the official Cisco class for this one as well but after I finished it, I realized I went there for nothing. Almost everything could've been practiced at home in dynamips/gns3. You can easily practice for this one at home based on the exam blueprint.
4. **SNAF** (Securing Networks with ASA Fundamentals) ? mandatory; Exam 642-524. This exam introduces you to the administration, management and troubleshooting of the ASA security appliance. For this exam I decided to prepare myself at home and I rented for a week the CCIE Security rack from [InternetworkExpert](#), a 6-hour slot each day. The rack is meant for CCIE practice but it did have all I needed for my exam (2 ASAs, ACS server, IPS sensors). It was really not expensive at all (\$15 per day or so) and you get remote access to the rack equipment. Having that, based on the exam blueprint, I designed my own practice scenarios and I just used them to practice the various technologies. It was not that bad, you have complete access to the equipment and you can familiarize with them in peace and configure them the way you want.
5. **SNAA** (Securing Networks with ASA Advanced) ? elective; Exam 642-515. This exam builds upon SNAF and introduces you to more advanced ASA topics such as dynamic routing, SSL VPNs, AIP and CSC modules and so on. I wanted to study at home for this one as well but I looked around for a while and I ended up buying a one-week SNAA remote lab from [NIL](#). The difference this time was that the lab is specifically tailored to the SNAA exam and they also give you a set of scenarios and exercises you can do, which cover the exam blueprint. Another plus is that once you log into the remote lab, all equipment are already pre-configured and you can start immediately to do your exercises, without wasting time to prepare them.
6. And I forgot to mention that for both SNAF and SNAA exams I used the Cisco Press book [Cisco ASA: All-in-One Firewall, IPS, and VPN Adaptive Security Appliance](#). Good book. Source: <http://www.nektulos.de/2009/09/preparing-for-the-ccsp-certification/> At last, the important thing is all these books of Cisco Press can be found on ciscobible. Good Luck!