Exam Development
Splunk Certification

1) **Identify the skills.**
   ► Experts identify the critical tasks performed when using Splunk technology within specific job roles or functions, usually through a Job Task Analysis.

2) **Establish the distribution of the skills.**
   ► Subject Matter Expert Splunkers review and evaluate course content and associated skills, as identified in Step 1, to determine the exam blueprint. The exam blueprint establishes the distribution of items across the domain and is the foundation for the exam build.

3) **Author the exam items.**
   ► Subject Matter Expert Splunkers, well-trained in item writing best practices, including considerations for universal design, write exam items to associated content, as specified in the blueprint.

4) **Expert review of exam items.**
   ► Subject Matter Expert Splunkers form review committees to review, edit, and approve the exam items, ensuring content quality & accuracy.

5) **Beta test exam items.**
   ► Qualified candidates are provided the opportunity to take the pilot version of the exam, in order to allow for item-related data collection.

6) **Finalize the exam content.**
   ► Beta results are statistically analyzed and evaluated using acceptable psychometric methods. Factors considered in relation to exam items include, but are not limited to: item difficulty, ability to differentiate high and low performers, reliability, and construct validity. Exam content only moves forward if the data supports item performance as being acceptable.

7) **Conduct standard setting.**
   ► Subject Matter Expert Splunkers engage in standard setting activities, including considerations for the minimally qualified candidate along with item performance via beta results, and determine the cut score for the exam.

8) **Enable global exam delivery.**
   ► The exam is available worldwide via our exam delivery partner, Pearson Vue. Candidates can sign up online to secure a seat time to take the exam.

9) **Sustain the exam.**
   ► Splunk monitors exam performance using "health checks" in order to maintain quality and continuously improve exam offerings.

splunk > listen to your data