

# Interview Questions to Ask a Cyber Security Analyst| Xobin [Downloaded]

We at Xobin reached out to over 70+ Hiring teams to curate the best interview questions. We didn't stop there.

We went ahead to understand what type of answers differentiated the top candidate from the rest. Here is what we've got for you.

**Role-specific skills to look for:** Reverse engineering, application design, firewall administration, cryptography, and NIST cybersecurity framework

**Soft skills to look for:** communication skills, curiosity, attention to detail, troubleshooting, and problem-solving.

**Pro Tip:** Always screen before your interview. Use [Online Assessment to screen applicants for a Cyber Security Analyst](#) position before blocking your time for an in-person interview.

## Compilation of Cyber Security Analyst Questions

### Role-Based Interview Questions to ask a Cyber Security Analyst



What is cyber security?

**Purpose of the question:** This question can be asked to assess how well a candidate understands the concept of cyber security.

**What to listen for in candidate response:** Listen for the specific definition which defines cyber security. Top candidates would explain the meaning in relation to the position they are interviewing for.

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What is data leakage, and how could it be prevented?

**Purpose of the question:** This question is designed to assess a candidate's understanding of standard office practices concerning data protection.

**What to listen for in candidate response:** Ideal candidate would explain the typical channels of data leakage and some simple steps that can prevent it.

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Who are white, grey, and black hat hackers?

**Purpose of the question:** This question can be asked to understand whether the candidate knows about basic terms.

**Purpose of the question:** Listen for the specific terms which explain what are white, grey, and black hat hackers.

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What is the difference between encryption and hashing?

**Purpose of the question:** By asking this question, the interviewer can assess the candidate's working knowledge of cryptography and encryption and sorting the data.

**What to listen for in candidate response:** An ideal candidate would discuss the differences and how they might use hashing to further cement their encryption processes.

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What is a firewall?

**Purpose of the question:** This question can be asked to gauge the candidate's experience level in cybersecurity applications.

**What to listen for in candidate response:** Top candidates would explain what is firewall and explain how it may be used for large-scale organizations.

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What do you know about Traceroute?

**Purpose of the question:** By asking this question, the interviewer can evaluate the candidate's knowledge and expertise with network diagnostics.

**What to listen for in candidate response:** Listen for the specific terms which explain Traceroute.

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How would you strengthen user authentication?

**Purpose of the question:** This question can be asked to understand the candidate's process when considering methods against unauthorized users.

**What to listen for in candidate response:** Top candidates would include their past experience with maintaining authentication protocols as well as how you would do so for the company.

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What are the steps that you would take to prevent identity theft?

**Purpose of the question:** This question can be asked to analyze how a candidate assesses and control a security risk.

**What to listen for in candidate response:** Ideal candidates would highlight their expertise in analyzing and using data that helps you proceed with steps to prevent this risk.

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How would you prevent XSS attacks?

**Purpose of the question:** This question can be asked to understand how a candidate would work to keep their company's networks and servers secure.

**What to listen for in candidate response:** Top candidates would answer this question by talking about their experiences(if any) and highlighting their approach towards them.

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What is a MITM attack?

**Purpose of the question:** You can this question to make sure the candidate knows how to identify different attacks on their system.

**What to listen for in candidate response:** Listen for the specific terms which explain MITM attacks.

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## Situational Interview Questions to ask Cyber Security Analyst



What is the most complex issue you have faced in a project?

**Purpose of the question:** By asking this question the interviewer can test the candidate's technical analysis, problem-solving, and troubleshooting skills.

**What to listen for in candidate response:** Top candidates would explain what were the problems they faced and how did they overcome them.

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What are the interpersonal skills you have gained from your previous job as a Cyber security analyst?

**Purpose of the question:** This question is designed to learn about what types of interpersonal traits a candidate has that could enhance their job capabilities at their company.

**What to listen for in candidate response:** Top candidates would show evidence of self-awareness, by discussing their previous experiences.

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What is one of your proudest moments as a Cyber Security Analyst so far?

**Purpose of the question:** This question is designed to understand and gain insight into how a candidate thinks and feels within the context of their field.

**What to listen for in candidate response:** Top candidates would describe what was achieved in the project and how does it stack up with what your company does.

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How do you handle pressure if you are equipped with multiple tasks at a time?

**Purpose of the question:** This question is designed to test the candidate's management skills.

**What to listen for in candidate response:** Look for evidence of management qualities related to project planning and execution.

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Is there any new technology that you have learned recently? And where did you imply them on?

**Purpose of the question:** Being updated with the latest trends in the market is a sign of a top candidate.

**What to listen for in candidate response:** Look for evidence of the understanding of the new trends in the candidate.

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What challenges are you looking for in this position?

**Purpose of the question:** The question is designed to understand and determine what the candidates are looking for in their next job and whether they would be a good fit for the position being hired for.

**What to listen for in candidate response:** Top candidates would discuss how they would like to be able to effectively utilize their skills and experience if they were hired for the job.

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Why do you want to work at our company as a Cyber Security Analyst?

**Purpose of the question:** This question is designed to know what kind of information does the candidate has about your company culture and what has excited them to join your organization.

**What to listen for in candidate response:** Listen for the detail about what has driven the candidate to work for your organization.

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What does effective cybersecurity look like to you? How do you measure it?

**Purpose of the question:** Since software developers rely on a combination of technical knowledge and transferable skills to be successful. Therefore it is important for an applicant for this role to show the required skills.

**What to listen for in candidate response:** Look for evidence of the required skills for this job role.

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What are your salary expectations?

**Purpose of the question:** This question is helps in understanding what the market is currently paying for certain qualifications, experience, and skills.

**What to listen for in candidate response:** Top candidates would give the range of salary they expect.

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Do you have any questions for us?

**Purpose of the question:** The question is designed to know how interested the candidates are in your company.

**What to listen for in candidate response:** Top candidates would ask questions and show interested in the job and company-related details.

### **Start Optimizing your Cyber Security Analyst Hiring today**

Find and hire talent with confidence. If your candidate doesn't know the answer to the above questions and you're hiring for a Cyber Security Analyst position, then they're obviously not a great fit.



Prepared and Curated by Xobin Team