

25 Lecture - CS504

Important Mcqs

Q: Which architectural model focuses on addressing system performance concerns? a) Behavioral model b) Performance model c) Deployment model d) Functional model **Solution: b) Performance model**

Q: What does the security model in Architectural Models-II primarily address? a) System functionalities and use cases. b) Dynamic interactions and behavior of system components. c) Non-functional requirements related to system security. d) Distribution of software components across hardware nodes. **Solution: c) Non-functional requirements related to system security.**

Q: Which Architectural Models-II model is used to assess the system's ability to handle increased workloads? a) Scalability model b) Behavioral model c) Structural model d) Deployment model **Solution: a) Scalability model**

Q: What is the purpose of using the usability model in Architectural Models-II? a) To visualize the physical arrangement of components. b) To address non-functional requirements related to user experience. c) To represent the dynamic interactions between system components. d) To depict the system's structure and organization. **Solution: b) To address non-functional requirements related to user experience.**

Q: In Architectural Models-II, what does the scalability model primarily focus on? a) Dynamic interactions and behavior of system components. b) Distribution of software components across hardware nodes. c) Addressing system performance and resource usage. d) Assessing the system's ability to handle increased workloads. **Solution: d) Assessing the system's ability to handle increased workloads.**

Q: Which architectural model in Architectural Models-II is particularly useful for evaluating the system's ability to recover from failures? a) Recovery model b) Structural model c) Deployment model d) Behavioral model **Solution: a) Recovery model**

Q: What does the reliability model in Architectural Models-II aim to address? a) System functionalities and use cases. b) The distribution of software components across hardware nodes. c) Non-functional requirements related to system reliability and fault tolerance. d) The dynamic interactions and behavior of system components. **Solution: c) Non-functional requirements related to system reliability and fault tolerance.**

Q: Which architectural model focuses on evaluating the system's ability to recover from errors and failures? a) Usability model b) Performance model c) Recovery model d) Security model **Solution: c) Recovery model**

Q: What is the primary concern of the usability model in Architectural Models-II? a) Security and access control. b) Scalability and performance. c) User experience and satisfaction. d) Hardware and network configuration. **Solution: c) User experience and satisfaction.**

Q: Which Architectural Models-II model evaluates the system's ability to meet defined security requirements? a) Usability model b) Security model c) Scalability model d) Recovery model **Solution: b) Security model**