

SDM MCQ's

1. The final step of the system analysis phase in the SDLC is to

Answers

1. gather data
 2. write system analysis report
 3. propose changes
 4. analyze data
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2. When you add a software stack, such as an operating system and applications to the service, the model shifts to _____ model.

Answers

1. SaaS
 2. PaaS
 3. IaaS
 4. All of the mentioned
-

3. Which of the following is used for Web performance management and load testing ?

Answers

1. VMware Hyperic
 2. Webmetrics
 3. Univa UD
 4. Tapinsystems
-

4. Which command tool do you use to interact with a Kubernetes cluster?

Answers

1. kubelet
 2. docker
 3. kubect**l**
 4. fleetctl
-

5. _____ is native clustering for Docker. It turns a pool of Docker hosts into a single, virtual Docker host.

Answers

1. Docker Sw**arm**
 2. Docker Hub
 3. Docker Cloud
 4. Docker Compose
-

6. _____ is an open-source container management tool which holds the responsibilities of container deployment, scaling and descaling of containers, and load balancing.

Answers

1. Grafana
 2. Nagios
 3. Kub**ernetes**
 4. Docker
-

7. How many heads can be created in a repository?

Answers

1. only 10
2. only 14
3. only 12

4. any number of heads.

8. Which one of the following is not part of the data structure of a Git repository?

Answers

1. Body element

2. Branch pointer

3. Commit object

4. HEAD pointer

10. Which of the following is not a valid TestNG annotation?

Answers

1. @AfterSuite

2. @Parameters

3. @BeforeSuite

4. @DataSource9. Kubernetes has no GUI

Answers

1. TRUE

2. FALSE

3. Cant Say

4. All of the above

10. Which of the following is not a valid TestNG annotation?

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2. @Parameters

3. @BeforeSuite

4. @DataSource

11. What is Maven?

Answers

1. Programming Language

2. Test Tool

3. Build Automation Tool

4. Testing Framework

12. Microservices is most closely related to what other established acronym?

Answers

1. API

2. AWS

3. SOA

4. PaaS

13. An operating system running on a Type __ VM is a full virtualization.

Answers

1. 1

2. 2

3. 3

4. 4

14. who is reporter in JIRA?

Answers

1. Person who has to solve the issue

2. Person who can generate reports

3. Person who raise the issue

4. Person who can view the issue

15. By default, in what mode do Docker containers run in? And what is the value of the -d option that specifies the mode in which docker container runs?

Answers

1. foreground mode; -d =True

2. detached mode; -d=True

3. foreground mode; -d= False

4. detached mode; -d= False

16. When you install Jenkins without any plug-ins configured, what is the only type of Jenkins build job you can create?

Answers

1. Maven project

2. Pipeline project

3. Freestyle project

4. Multiconfiguration project

17. How can we move or copy Jenkins from one server to another?

Answers

1. Make a copy of an already existing job by making clone of a job directory by a different name

2. First, copy the related job directory and slide a job from one installation of Jenkins to another

3. Renaming an existing job by rename a directory

4. All of the above

18. The Selenium can

Answers

1. access controls within the desktop
 2. both web and desktop applications
 3. only test web applications
 4. None of the above
-

19. Why would a microservices architecture be beneficial?

Answers

1. A suite of services can be deployed and upgraded without a rebuild of other, functioning services.
 2. Less service interruption for fast-paced cloud computing.
 3. Different parts of a development team can manage individual parts of a microservice.
 4. All of the above.
 5. None of the above.
-

20. The technology used to distribute service requests to resources is referred to as :

Answers

1. load performing
 2. load scheduling
 3. load balancing
 4. all of the mentioned
-

21. The UML was designed for describing _____

Answers

1. object-oriented systems
2. architectural design
3. SRS

4. Both object-oriented systems and Architectural design

22. Which of the following is not a cloud stakeholder?

Answers

1. Cloud providers

2. Clients

3. End users

4. Cloud users

23. What are the advantages of Jenkins?

Answers

1. At integration stage, build failures are cached

2. For each code commit changes an automatic build report notification generates

3. To notify developers about build report success or failure, it is integrated with LDAP mail server

4. All of the above

24. What is trunk in trunk based DevOps delivery?

Answers

1. Developers collaborate on code in a single branch called “trunk”.

2. Trunk is a special private branch in a developer workstation.

3. Trunk is the process of merging code in DevOps deliveries.

4. Trunk is a special source code version controlling system which stores mission critical special projects of your DevOps organization.

25. What is one of best techniques to convert normal changes into standard changes?

Answers

1. Use your track record of successful automated deployments with standard changes.
 2. Negotiate with release managers.
 3. Publicly complain about bureaucracy and make everyone be aware of it.
 4. Make sure normal changes are very carefully deployed to your production systems.
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26. What is the command used to convert a container into an image?

Answers

1. docker push
 2. docker commit
 3. docker run
 4. docker diff
-

27. The difference between GIT and SVN is?

Answers

1. Git is less preferred for handling extremely large files or frequently changing binary files while SVN can Handle multiple projects stored in the same repository.
 2. GIT does not support commits across multiple branches or tags. Subversion allows the creation of folders at any location in the repository layout.
 3. Gits are unchangeable, while Subversion allows committers to treat a tag as a branch and to create multiple revisions under a tag root.
 4. None of the above
-

28. Which of the following commands runs Jenkins from the command line?

Answers

1. java -jar jenkins.war
2. java -war jenkins.jar
3. java -jar jenkins.jar

4. java -war jenkins.war

29. Which one of following release patterns does not enable you to do low risk DevOps code deployments in your production systems?

Answers

1. Canary Deployment Pattern (The Dark Launch).
 2. Blue-Green Deployment Pattern.
 3. Cluster Immune System Release Pattern.
 4. Big bang code deployments of fully tested and validated releases.
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30. Which Scm Tools Does Jenkins Support?

Answers

1. AccuRev
 2. CVS
 3. Subversion
 4. All of these
-

31. Which is Black-Box Testing method?

Answers

1. equivalence partitioning
 2. code coverage
 3. fault injection
 4. None of the Above
-

32. Which of the following network resources can be load balanced?

Answers

1. Connections through intelligent switches

2. DNS

3. Storage resource

4. All of the above

33. Which one of the following is not part of the data structure of a Git repository?

Answers

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34. Why would microservices not be beneficial?

Answers

1. If your organization is starting with microservices, rather than a monolith.

2. Your organization is not successfully strategizing for such compartmental design.

3. Members of a development team aren't as knowledgeable.

4. All of the above.

35. The key role of Kubernetes is

Answers

1. Container Orchestration

2. VM Orchestration

3. File System Management

4. User Management

36. Which of the following is/are features of Kubernetes?

Answers

1. Automated scheduling
 2. Self-healing capabilities
 3. Automated rollouts and rollbacks
 4. All of the above options
-

37. What embedded runtime does the stand-alone Jenkins application use?

Answers

1. Tomcat
 2. WebSphere Liberty
 3. WildFly
 4. Jetty
-

38. Selenium doesn't support _____ to write programs (Test Scripts)

Answers

1. Java
 2. Perl
 3. VBScript
 4. Python
-

39. Which of the following type of virtualization is also characteristic of cloud computing ?

Answers

1. Storage
2. Application
3. CPU

4. All of the mentioned

40. Containers include the application and all of its dependencies, but share the kernel with other containers. They run as an isolated process in userspace on the host operating system.

Answers

1. TRUE

2. FALSE