

Розпочато	Wednesday 13 December 2023 13:25 PM
Стан	Завершено
Завершено	Wednesday 13 December 2023 13:43 PM
Витрачено часу	18 хв 50 сек
Балів	39,00/41,00
Оцінка	23,78 з можливих 25,00 (95,12%)

**Питання 1**

Завершено

Балів 0,00 з 1,00

How can you reference the value of an output variable defined in a Terraform module?

- ☐ a. By using the `terraform show` command
- ☐ b. By accessing the output variable directly in the module's configuration
- ☐ c. By using the `terraform output` command
- ☒ d. By querying the Terraform state file

**Питання 2**

Завершено

Балів 1,00 з 1,00

What is the purpose of Terraform's `apply` command?

- ☒ a. It creates or updates infrastructure resources based on the Terraform configuration
- ☐ b. It validates the Terraform configuration for syntax errors
- ☐ c. It displays a preview of the changes to be made by Terraform
- ☐ d. It destroys the infrastructure resources managed by Terraform

**Питання 3**

Завершено

Балів 1,00 з 1,00

What is Docker Hub?

- ☒ a. A cloud-based registry for sharing Docker images
- ☐ b. Docker's graphical user interface
- ☐ c. A version control system for Docker images
- ☐ d. A physical storage device for Docker containers

**Питання 4**

Завершено

Балів 1,00 з 1,00

What is Jenkins?

- ☒ a. An automation server
- ☐ b. A database management tool
- ☐ c. A programming language
- ☐ d. A version control system

**Питання 5**

Завершено

Балів 1,00 з 1,00

What is the purpose of the Terraform state file?

- ☐ a. It provides output variables for other modules
- ☐ b. It tracks changes made to the Terraform configuration
- ☐ c. It defines the configuration of AWS resources
- ☒ d. It stores the current state of managed resources

**Питання 6**

Завершено

Балів 1,00 з 1,00

How does Jenkins help in Continuous Integration?

- ☐ a. By slowing down the development process
- ☐ b. By introducing bugs into the codebase
- ☐ c. By ignoring code changes from different developers
- ☒ d. By automating the process of integrating code changes

**Питання 7**

Завершено

Балів 1,00 з 1,00

Which AWS service provides a scalable computing capacity in the cloud?

- ☒ a. Amazon EC2
- ☐ b. Amazon DynamoDB
- ☐ c. Amazon RDS
- ☐ d. Amazon S3

**Питання 8**

Завершено

Балів 1,00 з 1,00

How do you remove a Docker image?

- ☐ a. docker delete
- ☐ b. docker erase
- ☐ c. docker remove
- ☒ d. docker rmi

**Питання 9**

Завершено

Балів 1,00 з 1,00

What is the default port number for Jenkins?

- ☐ a. 8000
- ☐ b. 8888
- ☒ c. 8080
- ☐ d. 80

**Питання 10**

Завершено

Балів 1,00 з 1,00

Which Terraform command is used to create an execution plan without making any changes to the infrastructure?

- ☐ a. terraform validate
- ☐ b. terraform apply
- ☐ c. terraform refresh
- ☒ d. terraform plan

**Питання 11**

Завершено

Балів 1,00 з 1,00

What is the purpose of Docker Compose?

- ☒ a. To define and run multi-container Docker applications
- ☐ b. To manage Docker containers in production
- ☐ c. To monitor Docker container performance
- ☐ d. To build Docker images

**Питання 12**

Завершено

Балів 1,00 з 1,00

Which Terraform command is used to initialize a working directory containing Terraform configuration files?

- ☐ a. terraform plan
- ☐ b. terraform apply
- ☐ c. terraform validate
- ☒ d. terraform init

**Питання 13**

Завершено

Балів 1,00 з 1,00

What AWS service allows you to securely control access to AWS resources?

- ☒ a. AWS IAM
- ☐ b. Amazon S3
- ☐ c. Amazon EC2
- ☐ d. Amazon RDS

**Питання 14**

Завершено

Балів 1,00 з 1,00

Which version control systems can Jenkins integrate with?

- ☒ a. All of the above
- ☐ b. Mercurial
- ☐ c. Git
- ☐ d. Subversion

**Питання 15**

Завершено

Балів 1,00 з 1,00

How can you organize Terraform configuration files into reusable modules?

- ☐ a. By using the `source` parameter to import modules from external repositories
- ☐ b. By defining variables and outputs in the main configuration file
- ☐ c. By using the `module` block in the main configuration file
- ☒ d. By creating separate directories for each module and referencing them in the main configuration file



**Питання 16**

Завершено

Балів 1,00 з 1,00

What is the purpose of the Jenkinsfile in a Jenkins pipeline?

- ☐ a. It is a log file generated by Jenkins
- ☒ b. It defines the steps of a pipeline using Groovy syntax
- ☐ c. It stores Jenkins configuration settings
- ☐ d. It is a backup file for Jenkins jobs

**Питання 17**

Завершено

Балів 1,00 з 1,00

What is Docker?

- ☐ a. An operating system
- ☐ b. A virtualization tool
- ☒ c. A containerization platform
- ☐ d. A programming language

**Питання 18**

Завершено

Балів 1,00 з 1,00

What is the primary purpose of Jenkins?

- ☐ a. Managing databases
- ☐ b. Game development
- ☒ c. Continuous Integration and Continuous Deployment (CI/CD)
- ☐ d. Graphic design

**Питання 19**

Завершено

Балів 1,00 з 1,00

What does the command "docker run -p 8080:80" do?

- ☐ a. Runs a container with port 80 exposed only internally
- ☐ b. Runs a container with port 8080 exposed only externally
- ☐ c. Runs a container with port 8080 exposed both internally and externally
- ☒ d. Runs a container with port 80 exposed internally and mapped to port 8080 externally

**Питання 20**

Завершено

Балів 1,00 з 1,00

Which AWS service is used to monitor and collect logs from AWS resources?

- ☐ a. Amazon RDS
- ☒ b. Amazon CloudWatch
- ☐ c. Amazon EC2
- ☐ d. Amazon S3

**Питання 21**

Завершено

Балів 1,00 з 1,00

How can you get detailed information about a Docker container?

- ☐ a. docker details
- ☐ b. docker info
- ☐ c. docker show
- ☒ d. docker inspect

**Питання 22**

Завершено

Балів 1,00 з 1,00

What AWS service is used to automatically scale applications based on the incoming traffic?

- ☒ a. Amazon Auto Scaling
- ☐ b. Amazon EC2
- ☐ c. Amazon S3
- ☐ d. Amazon RDS

**Питання 23**

Завершено

Балів 1,00 з 1,00

How are Docker image layers useful in terms of efficiency?

- ☒ a. They facilitate the reuse of cached layers, reducing image build time
- ☐ b. They enable faster container startup times
- ☐ c. They provide security features for the container
- ☐ d. They allow for parallel processing during image building

**Питання 24**

Завершено

Балів 1,00 з 1,00

Which AWS service is used to store and process large datasets for analytics purposes?

- ☐ a. Amazon S3
- ☒ b. Amazon Redshift
- ☐ c. Amazon EC2
- ☐ d. Amazon RDS

**Питання 25**

Завершено

Балів 1,00 з 1,00

What is the AWS service used to distribute content globally through a network of edge locations?

- ☐ a. Amazon RDS
- ☐ b. Amazon S3
- ☒ c. Amazon CloudFront
- ☐ d. Amazon EC2

**Питання 26**

Завершено

Балів 1,00 з 1,00

What does the `count` parameter do in a resource block?

- ☐ a. It sets the desired capacity of the resource
- ☒ b. It specifies the number of replicas to create for the resource
- ☐ c. It defines the availability zone for the resource
- ☐ d. It specifies the maximum number of retries for the resource creation

**Питання 27**

Завершено

Балів 1,00 з 1,00

What is the purpose of a Dockerfile?

- ☐ a. To manage Docker networks
- ☐ b. To run Docker containers
- ☒ c. To define the steps to create a Docker image
- ☐ d. To store Docker images

**Питання 28**

Завершено

Балів 1,00 з 1,00

Which file is commonly used to define the AWS access credentials in Terraform?

- ☒ a. terraform.tfvars
- ☐ b. variables.tf
- ☐ c. provider.tf
- ☐ d. main.tf

**Питання 29**

Завершено

Балів 1,00 з 1,00

When is it recommended to use named volumes in Docker?

- ☐ a. When you need to share data between containers
- ☐ b. When you are working with temporary data
- ☐ c. When you want to mount a specific file
- ☒ d. When you want to persist data beyond the life of a single container

**Питання 30**

Завершено

Балів 0,00 з 1,00

Which resource block is used to create an Amazon EC2 instance in Terraform?

- ☐ a. aws\_ec2\_instance
- ☐ b. aws\_instance
- ☐ c. amazon\_ec2\_instance
- ☒ d. ec2\_instance

**Питання 31**

Завершено

Балів 1,00 з 1,00

What is the purpose of Jenkins plugins?

- ☒ a. To enhance and extend Jenkins functionality
- ☐ b. To uninstall Jenkins
- ☐ c. To create a separate Jenkins instance
- ☐ d. To slow down Jenkins



**Питання 32**

Завершено

Балів 1,00 з 1,00

Which Terraform command is used to destroy all the resources created by a Terraform configuration?

- ☒ a. terraform destroy
- ☐ b. terraform clean
- ☐ c. terraform remove
- ☐ d. terraform delete

**Питання 33**

Завершено

Балів 1,00 з 1,00

What is the purpose of Docker volumes?

- ☒ a. To persist data outside of the container
- ☐ b. To define the structure of the Dockerfile
- ☐ c. To speed up container creation
- ☐ d. To store Docker images

**Питання 34**

Завершено

Балів 1,00 з 1,00

Which AWS service can be used to create and manage virtual servers in the cloud?

- ☐ a. Amazon Lambda
- ☐ b. Amazon RDS
- ☒ c. Amazon EC2
- ☐ d. Amazon S3

**Питання 35**

Завершено

Балів 1,00 з 1,00

Which of the following statements about Jenkins pipeline is correct?

- ☐ a. Jenkins pipeline is a way to automate tasks using graphical blocks
- ☐ b. Jenkins pipeline is only used for scripting in Groovy
- ☐ c. Jenkins pipeline is a suite of plugins for managing Jenkins
- ☒ d. Jenkins pipeline is used to define and automate the deployment process

**Питання 36**

Завершено

Балів 1,00 з 1,00

How are Docker containers different from virtual machines (VMs)?

- ☒ a. Containers share the host OS kernel, while VMs have their own OS
- ☐ b. VMs are more lightweight than containers
- ☐ c. Containers cannot be used for microservices
- ☐ d. Containers are larger than VMs

**Питання 37**

Завершено

Балів 1,00 з 1,00

How can you list all running Docker containers?

- ☒ a. docker ps
- ☐ b. docker list
- ☐ c. docker ls
- ☐ d. docker status

**Питання 38**

Завершено

Балів 1,00 з 1,00

Which Jenkins feature is used for scheduling jobs?

- ☒ a. Cron Jobs
- ☐ b. Jenkins Timer
- ☐ c. Job Scheduler
- ☐ d. Task Manager

**Питання 39**

Завершено

Балів 1,00 з 1,00

Which AWS service provides a scalable, fully managed message queuing service?

- ☐ a. Amazon EC2
- ☐ b. Amazon RDS
- ☐ c. Amazon S3
- ☒ d. Amazon SQS

**Питання 40**

Завершено

Балів 1,00 з 1,00

What is a Jenkins job?

- ☒ a. A task or a set of tasks that Jenkins will execute
- ☐ b. A type of artifact built by Jenkins
- ☐ c. A graphical representation of a project
- ☐ d. A security measure in Jenkins

**Питання 41**

Завершено

Балів 1,00 з 1,00

Which of the following is a fully managed AWS database service?

- ☒ a. Amazon RDS
- ☐ b. Amazon S3
- ☐ c. Amazon CloudFront
- ☐ d. Amazon EC2

