

Certification Quiz

CERTIFICATION QUIZ

Scored / Total marks: 24 / 24

WHAT IS THE PRIMARY GOAL OF INFRASTRUCTURE SETUP IN A DEVOPS ENVIRONMENT?

MARKED ANSWER :

ALL OF THE ABOVE ✓

CORRECT ANSWER : ALL OF THE ABOVE

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHICH TOOL IS COMMONLY USED FOR PROVISIONING AND MANAGING VIRTUAL MACHINES IN AN INFRASTRUCTURE SETUP?

MARKED ANSWER :

TERRAFORM ✓

CORRECT ANSWER : TERRAFORM

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHAT DOES THE TERM "CI/CD" STAND FOR IN THE CONTEXT OF DEVOPS?

MARKED ANSWER :

CONTINUOUS INTEGRATION/CONTINUOUS DEPLOYMENT ✓

CORRECT ANSWER : CONTINUOUS INTEGRATION/CONTINUOUS DEPLOYMENT

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHICH OF THE FOLLOWING IS A KEY PRINCIPLE OF THE DEVOPS CULTURE?

MARKED ANSWER :

CONTINUOUS COLLABORATION ✓

CORRECT ANSWER : CONTINUOUS COLLABORATION

TOTAL
MARKS :
1

MARKS
OBTAINED
1

IN GIT, WHAT DOES A COMMIT REPRESENT?

MARKED ANSWER :

A SAVED SNAPSHOT OF CHANGES ✓

CORRECT ANSWER : A SAVED SNAPSHOT OF CHANGES

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHAT IS THE PURPOSE OF THE GIT COMMAND GIT PULL?

MARKED ANSWER :

FETCH AND MERGE CHANGES FROM A REMOTE REPOSITORY ✓

CORRECT ANSWER : FETCH AND MERGE CHANGES FROM A REMOTE REPOSITORY

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHAT IS THE PRIMARY ADVANTAGE OF USING DOCKER CONTAINERS?

MARKED ANSWER :

PLATFORM INDEPENDENCE ✓

CORRECT ANSWER : PLATFORM INDEPENDENCE

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHAT IS THE FUNCTION OF A DOCKER IMAGE?

MARKED ANSWER :

TO STORE AND DISTRIBUTE APPLICATIONS AND DEPENDENCIES ✓

TOTAL
MARKS :
1

MARKS
OBTAINED
1

CORRECT ANSWER :

TO STORE AND DISTRIBUTE APPLICATIONS AND DEPENDENCIES

WHAT ROLE DOES PUPPET PLAY IN CONFIGURATION MANAGEMENT?

MARKED ANSWER :

AUTOMATION OF SERVER CONFIGURATION ✓

TOTAL
MARKS :
1

MARKS
OBTAINED
1

CORRECT ANSWER : AUTOMATION OF SERVER CONFIGURATION

HOW DOES PUPPET ENSURE THE DESIRED STATE OF A SYSTEM CONFIGURATION?

MARKED ANSWER :

PULL-BASED CONFIGURATION MANAGEMENT ✓

TOTAL
MARKS :
1

MARKS
OBTAINED
1

CORRECT ANSWER : PULL-BASED CONFIGURATION MANAGEMENT

WHICH TERM IS OFTEN ASSOCIATED WITH THE AUTOMATED PROCESS OF COMBINING CODE CHANGES FROM MULTIPLE CONTRIBUTORS INTO A SHARED REPOSITORY?

MARKED ANSWER :

MERGING ✓

TOTAL
MARKS :
1

MARKS
OBTAINED
1

CORRECT ANSWER : MERGING

WHAT MAKES ANSIBLE DIFFERENT FROM OTHER CONFIGURATION MANAGEMENT TOOLS LIKE PUPPET OR CHEF?

MARKED ANSWER :

IT IS AGENTLESS AND USES SSH FOR COMMUNICATION ✓

TOTAL
MARKS :
1

MARKS
OBTAINED
1

CORRECT ANSWER : IT IS AGENTLESS AND USES SSH FOR COMMUNICATION

WHAT IS THE PURPOSE OF JENKINS IN A DEVOPS PIPELINE?

MARKED ANSWER :

CONTINUOUS INTEGRATION AND DELIVERY ✓

TOTAL
MARKS :
1

MARKS
OBTAINED
1

CORRECT ANSWER : CONTINUOUS INTEGRATION AND DELIVERY

IN ANSIBLE, WHAT IS A PLAYBOOK?

MARKED ANSWER :

A LIST OF TASKS EXECUTED SEQUENTIALLY ✓

TOTAL
MARKS :
1

MARKS
OBTAINED
1

CORRECT ANSWER : A LIST OF TASKS EXECUTED SEQUENTIALLY

WHAT IS SELENIUM PRIMARILY USED FOR IN THE CONTEXT OF DEVOPS?

MARKED ANSWER :

CONTINUOUS TESTING OF WEB APPLICATIONS ✓

TOTAL
MARKS :
1

MARKS
OBTAINED
1

CORRECT ANSWER : CONTINUOUS TESTING OF WEB APPLICATIONS

WHICH PROGRAMMING LANGUAGE(S) IS COMMONLY USED FOR WRITING SELENIUM SCRIPTS?

MARKED ANSWER :

BOTH A AND B ✓

CORRECT ANSWER : BOTH A AND B

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHAT IS THE MAIN ROLE OF KUBERNETES IN A DEVOPS ENVIRONMENT?

MARKED ANSWER :

CONTAINER ORCHESTRATION ✓

CORRECT ANSWER : CONTAINER ORCHESTRATION

TOTAL
MARKS :
1

MARKS
OBTAINED
1

IN KUBERNETES, WHAT IS A POD?

MARKED ANSWER :

A SINGLE CONTAINER ✓

CORRECT ANSWER : A SINGLE CONTAINER

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHAT DOES ELK STAND FOR IN THE CONTEXT OF CONTINUOUS MONITORING?

MARKED ANSWER :

ELASTICSEARCH LOGSTASH KIBANA ✓

CORRECT ANSWER : ELASTICSEARCH LOGSTASH KIBANA

TOTAL
MARKS :
1

MARKS
OBTAINED
1

HOW DOES LOGSTASH CONTRIBUTE TO THE ELK STACK?

MARKED ANSWER :

LOG COLLECTION AND PROCESSING ✓

CORRECT ANSWER : LOG COLLECTION AND PROCESSING

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHAT IS THE PURPOSE OF TERRAFORM IN INFRASTRUCTURE PROVISIONING?

MARKED ANSWER :

INFRASTRUCTURE AS CODE (IAC) ✓

CORRECT ANSWER : INFRASTRUCTURE AS CODE (IAC)

TOTAL
MARKS :
1

MARKS
OBTAINED
1

HOW DOES TERRAFORM USE MODULES IN THE INFRASTRUCTURE PROVISIONING PROCESS?

MARKED ANSWER :

TO ORGANISE AND REUSE TERRAFORM CODE ✓

CORRECT ANSWER : TO ORGANISE AND REUSE TERRAFORM CODE

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHICH TOOL IS COMMONLY USED FOR BOTH VERSION CONTROL AND CONTINUOUS INTEGRATION IN A DEVOPS PIPELINE?

MARKED ANSWER :

GIT ✓

CORRECT ANSWER : GIT

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHAT IS THE PURPOSE OF TERRAFORM IN INFRASTRUCTURE PROVISIONING?

MARKED ANSWER :

INFRASTRUCTURE AS CODE (IAC) ✓

CORRECT ANSWER : **INFRASTRUCTURE AS CODE (IAC)**

TOTAL
MARKS :
1

MARKS
OBTAINED
1

HOW DOES TERRAFORM USE MODULES IN THE INFRASTRUCTURE PROVISIONING PROCESS?

MARKED ANSWER :

TO ORGANISE AND REUSE TERRAFORM CODE ✓

CORRECT ANSWER : **TO ORGANISE AND REUSE TERRAFORM CODE**

TOTAL
MARKS :
1

MARKS
OBTAINED
1

WHICH TOOL IS COMMONLY USED FOR BOTH VERSION CONTROL AND CONTINUOUS INTEGRATION IN A DEVOPS PIPELINE?

MARKED ANSWER :

GIT ✓

CORRECT ANSWER : **GIT**

TOTAL
MARKS :
1

MARKS
OBTAINED
1

IN THE CONTEXT OF DEVOPS, WHAT IS THE PURPOSE OF BLUE-GREEN DEPLOYMENT?

MARKED ANSWER :

PARALLEL DEPLOYMENT OF NEW AND OLD VERSIONS ✓

CORRECT ANSWER : **PARALLEL DEPLOYMENT OF NEW AND OLD VERSIONS**

TOTAL
MARKS :
1

MARKS
OBTAINED
1