MT PMD (Project Management using DevOps) - 3SC1

Poin total   83/100   ❓

Jumlah Soal   : 25 Soal
Waktu Pengerjaan: 60 Menit

Data Peserta Ujian   0 dari 0 poin

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CCIT 3

Soal Ujian   83 dari 100 poin

✓   **Is this statement correct? ÞDevOps is more than just a tool or a process change, it inherently requires an organisational culture shift ?**   2/2

○ Yes, but the most up to date tools and LEAN processes need to be in place to drive an organisational culture shift.

◉ Yes, there needs to be cultural shift within the organisation across all stakeholders to ensure a successful adoption of a DevOps approach.   ✓

○ No, DevOps is all about the tools.

○ No, cultural shift will occur when staff are using the most up to date tools and LEAN processes.

✗   **Before you install Git, which of the following prerequisite products must be present and configured on your local OS?**   0/2

○ Jakarta Enterprise Edition web profile compliant server

○ Nothing

◉ Java Development Kit 1.8 or newer   ✗

○ Apache

✓   **Which one of the following is not one of the DevOps principles for good test automation?**   3/3

○ Test Automation should give quick and early feedback about your quality of work.

○ Tests should generate consistent, deterministic and repeatable results provided same conditions for different test runs.

◉ Never mix test driven development (TDD) together with your test automation approach.   ✓

○ With your test automation, avoid slow and periodic feedback. What you need is fast feedback whenever you or your developer attempts to check-in code to your trunk.

✓ What is one of best techniques to convert normal changes into standard   3/3
changes?

⦿ Use your track record of successful automated deployments with standard   ✓
changes.

◯ Negotiate with release managers.

◯ Publicly complain about bureaucracy and make everyone be aware of it.

◯ Negotiate with public

✓ After you install Git and prior to issuing the first commit, which two   3/3
configuration properties does the tool expect to be configured?

◯ username and password

⦿ username and email address   ✓

◯ email address and password

◯ username and IP address

✓ Under which circumstance should you use a single dash within a Git   3/3
command, as opposed to a double dash?

◯ When using a multicharacter option

◯ When issuing Git commands with multiple option

⦿ When using a single-character option   ✓

◯ When referencing a Git alias

✓   Which file can you configure to ensure that certain file types are never committed to the local Git repository?   3/3

○ ignore.git

○ gitignore.txt

○ git.ignore

◉ .gitignore   ✓

✓   Which is NOT a benefit of Continuous Integration ?   3/3

◉ Bugs and defects no longer occur   ✓

○ Issues can be identified and addressed quickly

○ The integration process is faster

○ Productivity increases

✓   Docker containerd is a core container runtime that manages what?   3/3

◉ The container lifecycle of its Linux or Windows host system   ✓

○ Container and data security

○ Log analysis and reporting

○ The resources necessary to run the container

✓ **What is a Dockerfile?** 3/3

○ Any folder or document to run Docker components

○ Any report or document that Docker components produce

⦿ A template used to describe the build of an image ✓

○ A developer who loves Docker and containerization, frequently espousing its virtues

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✓ **In typical IT organizations why is there a typical conflict between development and operations teams?** 4/4

⦿ Because they have conflicting business goals and priorities. ✓

○ Because they come from different backgrounds.

○ Because development team knows more about software products and services.

○ Because operations team knows more about test and production environments.

✓ **How does a DevOps organization act in principle when it comes to financing its work?** 4/4

⦿ It finances products and services to serve its clients. ✓

○ It finances special projects to serve its clients.

○ It finances teams in matrix organizations and these teams are responsible for handling their own budgets.

○ It finances development and operations teams separately, so they take care of their own business.

✓ **What is trunk in trunk based DevOps delivery?**   4/4

◉ Developers collaborate on code in a single branch called "trunk"   ✓

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

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

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

✓ **What is not one of major benefits of designing a safe system of work culture?**   5/5

○ Complexity of your systems will be managed, so problems in designs and operations will be quickly detected.

○ Problems are quickly resolved while they are small. Resolving problems will result in spontaneous construction of new organizational knowledge and experience.

○ Leaders in your DevOps organization develop other leaders who create and continuously improve safe systems of work.

◉ DevOps team does no longer need to be careful and mindful to ensure quality   ✓

✓ **What is telemetry?**   5/5

◉ Telemetry is the process of recording the behaviour of your systems.   ✓

○ Telemetry is a widely known SaaS tool to plan and execute DevOps projects.

○ Telemetry is a communication tool used by DevOps teams at geographically distributed locations.

○ Telemetry is a tool to design, code and execute automated unit tests.

What is the default text editor for the Bash shell with a Windows-based Git install?   5/5

- ◉ Vim   ✓
- ○ Emacs
- ○ Notepad++
- ○ Bash

Which of the following is not a Git configuration scope?   5/5

- ○ Local
- ◉ User   ✓
- ○ System
- ○ Global

What kind of version control system Git is?   5/5

- ○ Centralized
- ○ Local
- ◉ Distributed   ✓
- ○ None of the options

✓   **Which is not a Continuous Integration practice ?**   5/5

◉ Deploy to production   ✓

○ Run fast builds

○ Stage Builds

○ Commit frequently

✓   **Which are the Activities that are part of continuous integration?**   5/5

○ Tests

○ Code Build

◉ All of the Options   ✓

○ Inspection

✗   **What steps are in Continuous Integration?**   0/5

○ Compilation

○ All of the Options

◉ Unit Tests   ✗

○ Code Quality Gates

✗   **What are the benefits of Continuous Integration?**   0/5

○ Decreases bug accumulation

◉ Errors detected early   ✗

○ All of the Options

○ Setting the stage for Continuous Delivery

✓   **Kind of process Continuous implementation is?**   5/5

◉ an agile   ✓

○ a temporary

○ an inexpensive

○ a complicated

✓   **Where does Docker Datacenter store container registries?**   5/5

◉ On-premises   ✓

○ In Docker Cloud

○ On a user-specified public cloud service

○ On Windows Server storage volumes

✕　Which of the following is NOT part of Docker Cloud?　　　0/5

○ Build and testing facilities for Dockerized application images

◉ Tools to manage host infrastructure　　　　　　　　　　✕

○ Automated legacy application code conversion into microservices

○ Swarm provisioning to various cloud providers

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