

TCA-C01 Dumps

Tableau Certified Architect

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NEW QUESTION 1

When creating a custom administrative view in Tableau to analyze user activity, which table in the Tableau repository should you focus on to understand user login patterns?

- A. The 'datasources' table to monitor the data sources each user accesses
- B. The 'workbooks' table to see which workbooks are most frequently used by users
- C. The 'historical_events' table to analyze specific events like user logins and logouts
- D. The 'sites' table to determine which sites users are accessing most frequently

Answer: C

Explanation:

The 'historical_events' table to analyze specific events like user logins and log-outs For analyzing user login patterns in Tableau, the 'historical_events' table in the repository is the most relevant. This table records various events, including user authentication events like logins and logouts, providing valuable insights into user access patterns and activity on the server. Option A is incorrect because the 'datasources' table focuses on data sources and does not provide information about user login patterns. Option B is incorrect as the 'workbooks' table, while useful for understanding workbook usage, does not track user login events. Option D is incorrect because the 'sites' table provides information about sites on the server but does not specifically track user login events.

NEW QUESTION 2

How does the Tableau Server Resource Monitoring Tool contribute to the observability of a Tableau Server environment in terms of system resource usage?

- A. It provides real-time alerts for any changes in user permissions and security settings
- B. It offers insights into server resource utilization, such as CPU, memory, and disk usage
- C. It tracks changes in workbook and dashboard designs to assess their impact on performance
- D. It monitors network bandwidth usage between the Tableau Server and client applications

Answer: B

Explanation:

It offers insights into server resource utilization, such as CPU, memory, and disk usage The Tableau Server Resource Monitoring Tool is instrumental in providing observability into system resource usage. It offers detailed insights into how the server utilizes resources like CPU, memory, and disk space, allowing administrators to identify potential bottlenecks and optimize server performance accordingly. Option A is incorrect because the Resource Monitoring Tool focuses on system resources, not on monitoring changes in permissions and security settings. Option C is incorrect as the tool is designed to monitor server resource usage, not to track design changes in workbooks and dashboards. Option D is incorrect because it primarily monitors server resource utilization, not network bandwidth usage between the server and clients.

NEW QUESTION 3

A healthcare organization is planning to deploy Tableau for data analysis across multiple departments with varying usage patterns. Which licensing strategy would be most effective for this organization?

- A. Purchase a single enterprise-wide license and distribute access uniformly across all departments
- B. Acquire individual licenses for each user, regardless of their usage frequency or data access needs
- C. Adopt a mixed licensing strategy, combining core-based and user-based licenses according to departmental usage patterns
- D. Use only core-based licensing for all users to simplify the licensing process

Answer: C

Explanation:

Adopt a mixed licensing strategy, combining core-based and user-based licenses according to departmental usage patterns This approach allows for flexibility and cost-effectiveness by tailoring the licensing model to the specific needs of different departments, considering their usage frequency and data access requirements. Option A is incorrect because it may not be cost-effective and does not consider the varying needs of different departments. Option B is incorrect as it does not account for the diverse usage patterns and could lead to unnecessary expenses for infrequent users. Option D is incorrect because core-based licensing alone may not be the most efficient choice for all user types, particularly those with low usage.

NEW QUESTION 4

In setting up a test environment for load testing Tableau Server, what consideration is important to ensure that test results are meaningful and applicable to real-world scenarios?

- A. Limiting the test environment to older hardware to assess performance on the minimum required specifications
- B. Including a variety of dashboards and data sources that reflect the actual usage patterns seen in the production environment
- C. Isolating the test environment completely from the production network to avoid any potential interference
- D. Testing only during off-peak hours to ensure that the server is not under any undue stress

Answer: B

Explanation:

Including a variety of dashboards and data sources that reflect the actual usage patterns seen in the production environment For the test results to be meaningful and applicable, it is important to include a variety of dashboards and data sources in the test environment that closely mimic the actual usage patterns of the production environment. This approach ensures that the load testing covers a range of scenarios and provides insights that are relevant to the real-world operation of the Tableau Server. Option A is incorrect because using older hardware might not accurately represent the current production environment and could provide skewed results. Option C is incorrect as completely isolating the test environment may not be practical and can omit important interactions that could impact performance. Option D is incorrect because testing should simulate a variety of conditions, including peak usage times, to fully understand the server's capabilities.

NEW QUESTION 5

In configuring the Resource Monitoring Tool (RMT) for Tableau Server, what is important to ensure accurate and useful monitoring data is collected?

- A. Configuring RMT to monitor user login and logout activities on Tableau Server
- B. Setting appropriate thresholds and alerts for system performance metrics in RMT
- C. Linking RMT with external network monitoring tools for comprehensive analysis
- D. Integrating RMT with Tableau Server's user database for detailed user analytics

Answer: A

Explanation:

Setting appropriate thresholds and alerts for system performance metrics in RMT When configuring RMT for Tableau Server, it is vital to set appropriate thresholds and alerts for system performance metrics. This ensures that administrators are notified of potential issues or resource bottlenecks, allowing for timely intervention and maintenance to maintain optimal server performance. Option A is incorrect as monitoring user login and logout activities is not the primary function of RMT; its focus is on server performance and resource usage. Option C is incorrect because while integrating with external network monitoring tools can provide additional insights, it is not essential for the basic functionality of RMT. Option D is incorrect as integrating RMT with the user database for user analytics is beyond the scope of its intended use, which is focused on system performance monitoring.

NEW QUESTION 6

When planning a multi-node Tableau Server upgrade, what is an important consideration to ensure minimal disruption to users?

- A. Upgrading all nodes simultaneously to complete the process as quickly as possible
- B. Performing the upgrade during business hours to immediately address any issues that arise
- C. Staging the upgrade by first updating a non-primary node, followed by the primary node, and then the remaining nodes
- D. Upgrading the primary node first to ensure new features are immediately available

Answer: C

Explanation:

Staging the upgrade by first updating a non-primary node, followed by the primary node, and then the remaining nodes For a multi-node Tableau Server upgrade, it is crucial to stage the upgrade process to minimize disruption. This involves first upgrading a non-primary node, allowing for testing and validation before proceeding with the primary node and then the remaining nodes. This staged approach helps ensure stability and availability of the server throughout the upgrade process. Option A is incorrect because upgrading all nodes simultaneously could lead to significant downtime if issues arise. Option B is incorrect as performing the upgrade during business hours can disrupt users and business operations. Option D is incorrect because upgrading the primary node first can pose a risk if new or untested changes impact server stability.

NEW QUESTION 7

In the context of implementing database encryption for Tableau Server, what factor is important to ensure ongoing data security?

- A. Increasing the processing power of the database server to handle the additional load from encryption and decryption processes
- B. Ensuring that backup copies of the database are also encrypted
- C. Implementing a network monitoring system to track all access to the database server
- D. Setting up a redundant database server to take over in case the primary server fails

Answer: B

Explanation:

Ensuring that backup copies of the database are also encrypted When encrypting a database for Tableau Server, it is crucial to ensure that backup copies of the database are also encrypted. This prevents scenarios where encrypted data at rest could be compromised through un-encrypted backups, maintaining a consistent level of security for all stored data, whether it is in active use or backed up. Option A is incorrect because while processing power is important for overall performance, it is not the primary concern for ongoing data security in the context of database encryption. Option C is incorrect as network monitoring, while important for security, does not ensure the encryption of data at rest or in backups. Option D is incorrect because setting up a redundant database server focuses on availability and does not directly address the encryption of data or back-ups.

NEW QUESTION 8

A corporation with critical business operations using Tableau Server needs a disaster recovery strategy. Which approach best ensures business continuity and data integrity in case of a system failure?

- A. Relying solely on periodic manual backups of the Tableau Server data
- B. Implementing a strategy that includes regular automated backups, off-site storage, and a standby Tableau Server
- C. Using only cloud-based auto-save features without any additional backup mechanisms
- D. Limiting backups to only the most important dashboards and data sources

Answer: B

Explanation:

Implementing a strategy that includes regular automated backups, off-site storage, and a standby Tableau Server A comprehensive disaster recovery strategy with automated backups, off-site storage, and a standby server provides robust protection against data loss and ensures business continuity in case of a failure. Option A is incorrect because periodic manual backups may not be frequent or reliable enough for critical business operations. Option C is incorrect as relying solely on cloud-based auto-save features doesn't provide a comprehensive recovery solution. Option D is incorrect because limiting backups to certain elements risks losing critical data not deemed 'important' at the time of backup.

NEW QUESTION 9

In planning the migration of their Tableau Server from an Active Directory-based identity store to an LDAP-based system, what should be the primary focus to maintain user access and security?

- A. Migrating user passwords directly from Active Directory to LDAP
- B. Ensuring that user roles and permissions are accurately mapped and transferred to the new LDAP system
- C. Relying on default settings in LDAP without custom configurations
- D. Completing the migration in the least possible time without testing

Answer: B

Explanation:

Ensuring that user roles and permissions are accurately mapped and transferred to the new LDAP system. Accurate mapping and transfer of user roles and permissions are critical for maintaining access control and security in the new LDAP system, ensuring seamless user experience and data protection. Option A is incorrect because user passwords typically cannot be directly migrated due to security protocols. Option C is incorrect as LDAP configurations may need customization to meet the specific needs of the organization. Option D is incorrect because rushing the migration without adequate testing can lead to significant security and access issues.

NEW QUESTION 10

When configuring an unlicensed node in a Tableau Server deployment, what is the primary function that this node can perform?

- A. It can serve as a backup for the primary server in case of failure
- B. It can handle user authentication requests
- C. It can be used for tasks like data extraction and background jobs
- D. It can act as a load balancer for distributing user requests

Answer: B

Explanation:

It can be used for tasks like data extraction and background jobs. An unlicensed node in a Tableau Server deployment is typically used for running background tasks such as data extraction, subscription tasks, or other background jobs. This helps in offloading these tasks from the licensed nodes, ensuring better performance of the core server functions. Option A is incorrect because an unlicensed node cannot function as a backup for the primary server as it does not handle live server tasks or user interaction. Option B is incorrect as user authentication requests are managed by licensed nodes that have the necessary capabilities and access to security settings. Option D is incorrect because load balancing of user requests is a function that requires a licensed node, as it involves direct user interaction and data processing.

NEW QUESTION 10

After installing Tableau Server on a Windows system, you find that the server is not accessible from client machines in the network. What should be your first step in troubleshooting this network accessibility issue?

- A. Reinstalling the network drivers on the Windows server hosting Tableau Server
- B. Checking the Windows server's firewall settings to ensure the necessary ports for Tableau Server are open
- C. Upgrading the client machines to a compatible operating system version
- D. Configuring a static IP address for the Windows server hosting Tableau Server

Answer: B

Explanation:

Checking the Windows server's firewall settings to ensure the necessary ports for Tableau Server are open. When Tableau Server on a Windows system is not accessible from client machines, the first troubleshooting step should be to check the server's firewall settings. Ensuring that the necessary ports for Tableau Server are open is crucial for network accessibility. Firewall settings that block these ports can prevent client machines from accessing the server. Option A is incorrect because reinstalling network drivers, while it can solve some connectivity issues, is not the first step to check for server accessibility problems. Option C is incorrect as upgrading client machines' operating systems does not directly address server accessibility issues. Option D is incorrect because setting a static IP address for the server, while helpful for network management, is not the primary concern in addressing accessibility issues.

NEW QUESTION 12

When installing Tableau Server on a Windows system, which step is essential to ensure a successful installation using the Installation Wizard?

- A. Disabling all antivirus and firewall software on the Windows system during installation
- B. Running the Installation Wizard as an administrator to ensure sufficient privileges for setup
- C. Configuring Windows to automatically update all system drivers during the Tableau Server installation
- D. Setting up a dedicated virtual machine for the Tableau Server installation process

Answer: B

Explanation:

Running the Installation Wizard as an administrator to ensure sufficient privileges for setup. When installing Tableau Server on Windows, it is crucial to run the Installation Wizard as an administrator. This ensures that the installer has the necessary privileges to access system resources and configure settings required for the successful installation of Tableau Server. Option A is incorrect because while antivirus or firewall software can sometimes interfere with installations, it's not recommended to disable all security software as a first step. Option C is incorrect as automatically updating system drivers during the installation is not a standard requirement for installing Tableau Server. Option D is incorrect because setting up a dedicated virtual machine is not a requirement for installing Tableau Server, though it can be an option based on organizational policies.

NEW QUESTION 17

What is an essential step in implementing extract encryption in Tableau Server to enhance data security?

- A. Encrypting only those extracts that contain sensitive information, while leaving others un-encrypted for performance reasons
- B. Enabling extract encryption at the server level to ensure all extracts are encrypted, regardless of their content
- C. Relying on database-level encryption alone to secure all data used in Tableau extracts
- D. Manually encrypting each extract using third-party software before uploading it to Tableau Server

Answer: B

Explanation:

Enabling extract encryption at the server level to ensure all extracts are encrypted, regardless of their content. Implementing extract encryption in Tableau Server should involve enabling encryption at the server level. This ensures that all extracts stored on the server are encrypted, providing a consistent layer of security across all data, regardless of its sensitivity. This approach helps protect against unauthorized access to extract data stored on the server. Option A is incorrect because selectively encrypting extracts can lead to inconsistencies in security and potential vulnerabilities. Option C is incorrect as database-level encryption does not protect extracts once they are exported from the database. Option D is incorrect because manual encryption of each extract is inefficient and not scalable, and Tableau Server provides its own encryption mechanism for extracts.

NEW QUESTION 22

During the installation of Tableau Server on Linux, which action is crucial to ensure proper system group and file system permissions are set?

- A. Assigning the Tableau Server user to the root group to ensure full system access
- B. Creating a dedicated Tableau user and group, and setting appropriate ownership and per-missions on the Tableau directories
- C. Configuring all users on the Linux system to have administrative privileges for the duration of the Tableau Server installation
- D. Disabling the Linux system's firewall to prevent it from interfering with file permissions

Answer: B

Explanation:

Creating a dedicated Tableau user and group, and setting appropriate ownership and permissions on the Tableau directories For a successful Tableau Server installation on Linux, it's crucial to create a dedicated Tableau user and group. Setting appropriate ownership and permissions on the Tableau directories ensures that Tableau Server has the necessary access rights to operate correctly while maintaining the security and integrity of the system. Option A is incorrect because as-signing the Tableau Server user to the root group poses significant security risks and is not recommended. Option C is incorrect as giving all users administrative privileges is unnecessary for Tableau Server installation and could compromise system security. Option D is incorrect because disabling the firewall does not affect file system permissions and is not a recommended practice during installation.

NEW QUESTION 25

A large multinational corporation plans to deploy Tableau across various departments with diverse data access needs. The IT team needs to determine the optimal role distribution for users. Which of the following approaches best meets these requirements?

- A. Assign all users the "Viewer" role to maintain data security and control
- B. Provide "Creator" roles to department heads and "Explorer" roles to their team members
- C. Implement a uniform "Explorer" role for all users to simplify management
- D. Tailor user roles based on specific department needs and data access levels

Answer: D

Explanation:

Tailor user roles based on specific department needs and data access levels This approach ensures that each department gets the access they need while maintaining security and efficiency. It recognizes the varying requirements across departments and aligns role assignments accordingly. Option A is incorrect because assigning everyone the "Viewer" role is overly restrictive and may hinder the effective use of Tableau for data analysis and decision-making. Option B is in-correct as it oversimplifies the distribution of roles without considering the specific needs and data access requirements of individual team members. Option C is incorrect because a uniform role for all users does not account for the diverse needs and access levels required in a large multinational corporation.

NEW QUESTION 28

In creating an appropriate test plan for load testing a Tableau Server deployment, which aspect is crucial to include for a comprehensive evaluation?

- A. Testing exclusively with the largest and most complex dashboards to evaluate the server's maximum capacity
- B. Including a mix of different user activities, such as viewing dashboards, publishing work-books, and performing data refreshes
- C. Focusing solely on the data extract refresh times to determine the overall server performance
- D. Limiting the test to a small, controlled group of users to maintain consistency in the testing process

Answer: B

Explanation:

Including a mix of different user activities, such as viewing dashboards, publishing workbooks, and performing data refreshes For a comprehensive evaluation in a load testing plan for Tableau Server, it's essential to include a variety of user activities. This approach ensures that the testing covers a broad range of interactions, such as viewing dashboards, publishing work-books, and performing data refreshes, thereby providing a more holistic view of the server's performance under different types of load. Option A is incorrect because testing exclusively with the largest and most complex dashboards does not represent the typical range of user activities. Option C is incorrect as focusing solely on data extract refresh times overlooks other crucial aspects of server performance. Option D is incorrect because limiting the test to a small user group does not adequately simulate the diverse and concurrent usage patterns seen in a production environment.

NEW QUESTION 33

In configuring a custom embedded solution for Tableau Server, what is an important consideration when setting up trusted tickets for user authentication?

- A. Disabling all other forms of authentication to ensure exclusive use of trusted tickets
- B. Establishing a trusted relationship between the Tableau Server and the web server hosting the embedded solution
- C. Configuring the Tableau Server to accept trusted tickets from any external domain
- D. Using trusted tickets as the sole method for distributing content outside of the Tableau environment

Answer: B

Explanation:

Establishing a trusted relationship between the Tableau Server and the web server hosting the embedded solution When setting up trusted tickets for a custom embedded solution in Tableau Server, it's crucial to establish a trusted relationship between the Tableau Server and the web server hosting the embedded solution. This ensures secure and seamless authentication of users accessing Tableau content through the embedded application. Option A is incorrect because disabling all other forms of authentication is not necessary and may limit flexibility in access control. Option C is incorrect as configuring Tableau Server to accept trusted tickets from any domain can pose significant security risks. Option D is incorrect because trusted tickets should not be the sole method for content distribution, as they are specifically designed for user authentication in embedded scenarios.

NEW QUESTION 37

After implementing Tableau Cloud, a retail company notices that certain dashboards are not updating with the latest sales data. What is the most effective troubleshooting step?

- A. Rebuilding all affected dashboards from scratch.

- B. Checking the data source connections and refresh schedules for the affected dashboards.
- C. Immediately transitioning back to an on-premises Tableau Server.
- D. Limiting user access to the dashboards to reduce system load.

Answer: B

Explanation:

Checking the data source connections and refresh schedules for the affected dashboards This step directly addresses the potential issue by ensuring that the dashboards are properly connected to the data sources and that the refresh schedules are correctly configured. Option A is incorrect because rebuilding dashboards is time-consuming and may not address the underlying issue with data refresh. Option C is incorrect as transitioning back to an on-premises server is a drastic step that doesn't directly solve the issue with data updates. Option D is incorrect because limiting user access does not address the issue of data not updating in the dashboards.

NEW QUESTION 41

If you encounter an error related to dependency resolution while installing Tableau Server on Linux, what should be your initial troubleshooting step?

- A. Temporarily disabling the firewall and antivirus software on the Linux server
- B. Verifying that all required dependencies are installed and up-to-date on the Linux system
- C. Configuring the network settings to allow unrestricted internet access to the Linux server
- D. Changing the Linux server's hostname to ensure it's correctly recognized by Tableau Server

Answer: B

Explanation:

Verifying that all required dependencies are installed and up-to-date on the Linux system When facing a dependency resolution error during the installation of Tableau Server on Linux, the first step should be to verify that all necessary dependencies are installed and up-to-date. Dependency issues often arise from missing or outdated packages, and ensuring that the system meets all pre-installation requirements is key to resolving these issues. Option A is incorrect because disabling firewall and antivirus software does not typically address dependency resolution problems. Option C is incorrect as configuring network settings for unrestricted internet access is not a standard approach to resolving dependency issues. Option D is incorrect because changing the hostname of the server is unlikely to resolve dependency-related installation errors.

NEW QUESTION 46

A company is transitioning from an on-premises Tableau Server to Tableau Cloud. Which strategy should be prioritized to ensure a smooth migration?

- A. Migrate all data and dashboards at once to minimize the transition period
- B. Perform a thorough audit of current dashboards and data sources for compatibility with Tableau Cloud
- C. Prioritize the migration of the least used dashboards to test the Tableau Cloud environment
- D. Discontinue the use of Tableau Server immediately to force a quick transition

Answer: B

Explanation:

Perform a thorough audit of current dashboards and data sources for compatibility with Tableau Cloud Conducting an audit of dashboards and data sources ensures compatibility with Tableau Cloud, which is crucial for a smooth migration without data loss or functionality issues. Option A is incorrect because migrating everything at once can overwhelm the system and lead to significant disruptions. Option C is incorrect as prioritizing the least used dashboards might not address the migration challenges of more critical dashboards and data. Option D is incorrect because discontinuing Tableau Server immediately can disrupt business operations and does not allow for a phased and controlled transition.

NEW QUESTION 48

After configuring Tableau Server on a Windows system, you notice that the server cannot connect to an external SMTP server for email notifications. What should be the first troubleshooting step?

- A. Installing a new email client on the Tableau Server machine
- B. Verifying the SMTP server details and network connectivity in the Tableau Server configuration
- C. Increasing the server's RAM to improve its ability to handle external communications
- D. Changing the email format settings in Tableau Server

Answer: B

Explanation:

Verifying the SMTP server details and network connectivity in the Tableau Server configuration The first step in troubleshooting issues with connecting to an external SMTP server for email notifications is to verify the SMTP server details and network connectivity settings in Tableau Server. This includes checking the server address, port, username, password, and ensuring that the network allows communication over the specified SMTP port. Option A is incorrect because installing a new email client on the server is unrelated to SMTP connectivity issues within Tableau Server. Option C is incorrect as increasing the server's RAM will not directly address connectivity issues with an external SMTP server. Option D is incorrect because the email format settings in Tableau Server are unlikely to impact its ability to connect to an SMTP server.

NEW QUESTION 52

In configuring a strategy to monitor Tableau Server process metrics, what is an essential aspect to include for ensuring proactive maintenance?

- A. Setting up alerts for when server processes reach their maximum capacity thresholds
- B. Analyzing historical data once a month to identify long-term trends in server performance
- C. Only monitoring the most frequently used dashboards and data sources on the server
- D. Conducting a manual review of server logs whenever a new Tableau version is deployed

Answer: A

Explanation:

Setting up alerts for when server processes reach their maximum capacity thresholds An essential aspect of a strategy to monitor Tableau Server process metrics is setting up alerts for when key server processes approach or reach their maximum capacity thresholds. This pro-active approach allows administrators to address potential issues before they impact server performance or user experience, ensuring smoother operations. Option B is incorrect as analyzing historical data monthly might miss immediate issues and emerging trends that require quicker responses. Option C is incorrect because focusing only on the most used dashboards and data sources does not provide a complete picture of server performance. Option D is incorrect because while reviewing server logs after new deployments is important, it is not a substitute for continuous monitoring of process metrics.

NEW QUESTION 53

In the process of configuring OpenID Connect for Tableau Server, what is a critical step to ensure secure and efficient authentication?

- A. Configuring the Tableau Server to accept all OpenID Connect providers without validation
- B. Registering Tableau Server as a client with the OpenID Connect provider and obtaining client credentials
- C. Setting up a direct database connection from Tableau Server to the OpenID Connect provider's database
- D. Disabling all other forms of authentication on Tableau Server to enforce OpenID Connect exclusively

Answer: B

Explanation:

Registering Tableau Server as a client with the OpenID Connect provider and obtaining client credentials For secure and efficient authentication using OpenID Connect, it is essential to register the Tableau Server as a client with the OpenID Connect provider. This involves obtaining client credentials (client ID and client secret), which are used to authenticate requests from Tableau Server to the provider, ensuring secure communication and identity verification. Option A is incorrect because accepting all OpenID Connect providers without validation poses significant security risks. Option C is incorrect as setting up a direct database connection to the provider's database is not a standard or secure practice for configuring OpenID Connect. Option D is incorrect because disabling all other forms of authentication is not necessary and could limit flexibility and accessibility for users.

NEW QUESTION 54

When installing Tableau Server in an air-gapped environment, which of the following steps is essential to ensure a successful installation and operation?

- A. Enabling direct internet access from the Tableau Server for software updates
- B. Using a physical medium to transfer the Tableau Server installation files to the environment
- C. Configuring Tableau Server to use a proxy server for all external communications
- D. Implementing a virtual private network (VPN) to allow remote access to the Tableau Server

Answer: B

Explanation:

Using a physical medium to transfer the Tableau Server installation files to the environment In an air-gapped environment, where there is no direct internet connection, using a physical medium (like a USB drive or external hard disk) to transfer the Tableau Server installation files is essential. This method ensures that the necessary software can be securely introduced into the isolated environment for installation. Option A is incorrect because direct internet access is typically not possible or allowed in an air-gapped environment. Option C is incorrect as a proxy server implies some level of external network access, which is not available in an air-gapped setup. Option D is incorrect because implementing a VPN is not feasible in a truly air-gapped environment where no external network connections are allowed.

NEW QUESTION 55

A large retail company with a high volume of daily Tableau users requires a configuration that optimizes query performance and user experience. Which configuration setting should be prioritized?

- A. Decrease the "vizqlserver.session.expiry.timeout" value to reduce session timeouts
- B. Increase the "backgrounder.querylimit" value to allow more concurrent queries
- C. Reduce the "cache.server.timeout" value to lower the caching time
- D. Increase the "vizqlserver.querylimit" value to allow more concurrent queries

Answer: D

Explanation:

Increase the "vizqlserver.querylimit" value to allow more concurrent queries In-creasing the "vizqlserver. querylimit" value allows more concurrent queries, which is crucial for a company with a high volume of daily users to improve query performance and user experience. Option A is incorrect as decreasing session timeout may disrupt user experience. Option B is incorrect because "backgrounder.querylimit" affects background tasks, not immediate user query performance. Option C is incorrect as reducing cache time might negatively impact performance for frequently accessed data.

NEW QUESTION 59

When creating a custom administrative view to monitor user activity in Tableau Server, which table in the Tableau repository schema should you focus on to interpret login and logout events?

- A. The 'workbooks' table to track user interactions with different workbooks
- B. The 'data_connections' table to monitor which data sources are being accessed
- C. The 'http_requests' table to analyze web requests made by user
- D. The 'historical_events' table to track specific user login and logout activities

Answer: D

Explanation:

The 'historical_events' table to track specific user login and logout activities The 'historical_events' table in the Tableau repository schema is the most relevant for monitoring user login and logout activities. This table records various events in the Tableau Server, including user authentication events, which are key to understanding user access patterns and ensuring security compliance. Option A is incorrect because the 'workbooks' table focuses on interactions with workbooks rather than user login/logout activities. Option B is incorrect as the 'data_connections' table deals with data source connections, not user authentication events. Option C is incorrect because the 'http_requests' table, while it contains web request data, does not specifically focus on user login and logout events.

NEW QUESTION 64

A company is planning to migrate its Tableau Server from a Windows-based environment to Linux. What is the most important factor to consider for a successful migration?

- A. Transferring all data and content without assessing compatibility with the Linux environment
- B. Ensuring that all Tableau Server components and dependencies are compatible with the Linux operating system
- C. Prioritizing the migration of the user interface elements only, as they are most visible to end-users
- D. Focusing exclusively on the aesthetic differences between the Windows and Linux versions of Tableau Server

Answer: B

Explanation:

Ensuring that all Tableau Server components and dependencies are compatible with the Linux operating system Compatibility of server components and dependencies with Linux is crucial to ensure that the Tableau Server functions correctly after migration, avoiding any disruptions due to incompatibilities. Option A is incorrect because transferring data and content without assessing compatibility can lead to functionality issues. Option C is incorrect as focusing only on user interface elements neglects the backend and technical aspects crucial for the server's operation. Option D is incorrect because the aesthetic differences are less critical than the functional and technical compatibilities in the migration process.

NEW QUESTION 66

During the migration of Tableau Server from Windows to Linux, what key aspect should be addressed to maintain performance and stability?

- A. Neglecting the testing of data connections post-migration, assuming they will remain stable
- B. Conducting comprehensive testing of the Tableau Server on Linux, including data source connections and performance benchmarks
- C. Only transferring the most frequently used dashboards to reduce the load on the Linux server
- D. Changing the underlying database platform to better suit the Linux environment

Answer: B

Explanation:

Conducting comprehensive testing of the Tableau Server on Linux, including data source connections and performance benchmarks Comprehensive testing is essential to ensure that the Tableau Server maintains its performance and stability in the new Linux environment, including verifying data connections and performance standards. Option A is incorrect because neglecting the testing of data connections can lead to critical issues post-migration. Option C is incorrect as only transferring frequently used dashboards does not address the overall stability and performance of the server. Option D is incorrect because changing the database platform is not necessarily required for a migration from Windows to Linux and could introduce unnecessary complexities.

NEW QUESTION 67

When integrating Tableau Server with an authentication method, what factor must be considered to ensure compatibility with Tableau Cloud?

- A. The need to configure a separate VPN for Tableau Cloud to support the authentication method
- B. Ensuring the authentication method supports SAML for seamless integration with Tableau Cloud
- C. The requirement to use a specific version of Tableau Server that is exclusive to Tableau Cloud environments
- D. Setting up a dedicated database server for authentication logs when using Tableau Cloud

Answer: B

Explanation:

Ensuring the authentication method supports SAML for seamless integration with Tableau Cloud When integrating Tableau Server with an authentication method that will also be compatible with Tableau Cloud, it is essential to ensure that the method supports SAML. Tableau Cloud utilizes SAML for its primary external authentication mechanism, which facilitates seamless integration and user experience across both Tableau Server and Tableau Cloud environments. Option A is incorrect because configuring a separate VPN is not a standard requirement for integrating authentication methods with Tableau Cloud. Option C is incorrect as there is no specific version of Tableau Server exclusive to Tableau Cloud for authentication purposes. Option D is incorrect because setting up a dedicated database server for authentication logs is not directly related to the integration of authentication methods with Tableau Cloud.

NEW QUESTION 72

In configuring web data connectors (WDCs) on Tableau Server, what step is essential for maintaining data accuracy and security?

- A. Enforcing that all WDCs must be hosted on the same server as Tableau Server
- B. Regularly updating WDCs to the latest version available, irrespective of testing and compatibility checks
- C. Ensuring that WDCs are securely accessing data sources and handling data transfer securely and efficiently
- D. Limiting WDC usage to only internally developed connectors and prohibiting any third-party connectors

Answer: C

Explanation:

Ensuring that WDCs are securely accessing data sources and handling data transfer securely and efficiently When configuring web data connectors on Tableau Server, it is essential to ensure that these connectors access data sources securely and handle data transfer efficiently. This involves verifying the security of the data source connections and ensuring that data handling by the WDCs adheres to best practices for data security and integrity. Option A is incorrect because it is not necessary for all WDCs to be hosted on the same server as Tableau Server. Option B is incorrect as updating WDCs without proper testing and compatibility checks can lead to issues with data accuracy or security. Option D is incorrect because while internal connectors may offer certain security assurances, prohibiting all third-party connectors can unnecessarily limit functionality and innovation.

NEW QUESTION 77

If a performance recording indicates that query response times from external databases are the primary bottleneck in Tableau Server, what should be the first course of action?

- A. Upgrading the external database servers for faster processing
- B. Reviewing and optimizing the database queries used in Tableau workbooks for efficiency
- C. Implementing caching mechanisms in Tableau Server to reduce the reliance on database queries
- D. Restricting the size of data extracts to lessen the load on the external databases

Answer: B

Explanation:

Reviewing and optimizing the database queries used in Tableau workbooks for efficiency The first course of action when dealing with slow query response times from external databases, as indicated by a performance recording, should be to review and optimize the database queries used in Tableau workbooks. Optimizing queries can include simplifying them, reducing the amount of data queried, or improving the structure of the queries. This directly addresses the inefficiencies in the queries, potentially improving response times without the need for major infrastructure changes. Option A is incorrect because upgrading external database servers is a more resource-intensive solution and should be considered only if query optimization is not sufficient. Option C is incorrect as implementing caching mechanisms might alleviate some issues but does not address the root cause of slow query performance. Option D is incorrect because restricting the size of data extracts does not necessarily improve the efficiency of the queries themselves.

NEW QUESTION 78

A company is migrating its Tableau workbooks and data sources from one server to another. Which feature of the Tableau Content Migration Tool is most critical for this process?

- A. The ability to change the visual design of workbooks during the migration
- B. The functionality to automatically update data source connections in the workbooks during migration
- C. The option to manually migrate each workbook individually for better control
- D. The capability to only migrate the most recently accessed workbooks

Answer: B

Explanation:

The functionality to automatically update data source connections in the workbooks during migration Automatically updating data source connections is essential to ensure that workbooks function correctly after migration, maintaining data integrity and continuity. Option A is incorrect because changing the visual design is not the primary function of a migration tool. Option C is incorrect as manual migration of each workbook is time-consuming and prone to errors. Option D is incorrect because it's important to migrate all necessary workbooks, not just the most recently accessed ones.

NEW QUESTION 81

When facing database connectivity issues in a multi-node Tableau Server deployment, which approach is most effective in identifying the root cause?

- A. Immediately replacing the network switches and routers to ensure more reliable connectivity
- B. Analyzing the server logs on both Tableau Server and the database server to identify any error patterns or connection failures
- C. Restricting access to the database server to only a few select nodes to reduce load and potential connectivity issues
- D. Migrating all data to a new database server to eliminate the possibility of server-specific connectivity problems

Answer: B

Explanation:

Analyzing the server logs on both Tableau Server and the database server to identify any error patterns or connection failures To effectively identify the root cause of database connectivity issues in a multi-node Tableau Server deployment, analyzing server logs on both the Tableau Server nodes and the database server is crucial. This approach allows for the identification of specific error messages, patterns, or connection failures that can lead to a better understanding of the issue and guide targeted solutions. Option A is incorrect because replacing network hardware immediately is a premature action without first identifying the exact cause of the connectivity issues. Option C is incorrect as restricting access to the database server does not address the underlying cause of the connectivity problems and may limit functionality. Option D is incorrect because migrating to a new database server is a significant undertaking and should be a last resort after other troubleshooting steps have been exhausted.

NEW QUESTION 84

When troubleshooting an issue in Tableau Server, you need to locate and interpret installation logs. Where are these logs typically found, and what information do they primarily provide?

- A. In the database server, providing information about database queries
- B. In the Tableau Server data directory, offering details on user interactions
- C. In the Tableau Server logs directory, containing details on installation processes and errors
- D. In the operating system's event viewer, showing system-level events

Answer: C

Explanation:

In the Tableau Server logs directory, containing details on installation processes and errors The installation logs for Tableau Server are typically located in the Tableau Server logs directory. These logs provide detailed information on the installation process, including any errors or issues that may have occurred. This is essential for troubleshooting installation-related problems. Option A is incorrect because the database server logs focus on database queries and do not provide detailed information about the Tableau Server installation process. Option B is incorrect as the data directory primarily contains data related to user interactions, not installation logs. Option D is incorrect because the operating system's event viewer captures system-level events, which may not provide the detailed information specific to Tableau Server's installation processes.

NEW QUESTION 85

In the process of setting up Service Principal Names (SPNs) for Kerberos authentication in Tableau Server, what is an essential step for ensuring proper configuration?

- A. Configuring each user account in Tableau Server with its own unique SPN
- B. Ensuring the Tableau Server service account has the appropriate SPNs set for the server's fully qualified domain name (FQDN)
- C. Assigning a dedicated IP address for each SPN used by Tableau Server
- D. Enabling SSL on Tableau Server to encrypt the SPN communication

Answer: B

Explanation:

Ensuring the Tableau Server service account has the appropriate SPNs set for the server's fully qualified domain name (FQDN) Setting the correct SPNs for the Tableau Server service account is crucial for Kerberos authentication. SPNs should be associated with the service account running Tableau Server and must match the server's FQDN. This enables Kerberos to correctly identify and authenticate the server in a network, ensuring secure communication. Option A is incorrect because SPNs are set for the service account running the server, not for each individual user account in Tableau Server. Option C is incorrect as SPNs are not directly tied to IP addresses but to service accounts and the FQDN of the server. Option D is incorrect because while SSL encryption is important for security, it is not directly related to the configuration of SPNs for Kerberos authentication.

NEW QUESTION 86

In the context of maintaining and tuning a Tableau Server environment, how can the Tableau Server Resource Monitoring Tool aid in managing server workload?

- A. By providing a detailed analysis of user interaction patterns with various dashboards and reports
- B. By offering visualization of historical server workload trends to plan for capacity adjustments
- C. By automatically adjusting server settings based on the current workload to optimize performance
- D. By monitoring external data source performance and optimizing data connections

Answer: B

Explanation:

By offering visualization of historical server workload trends to plan for capacity adjustments The Tableau Server Resource Monitoring Tool aids in managing server workload by offering visualizations of historical workload trends. This feature allows administrators to analyze past server performance under various loads, enabling them to make informed decisions about capacity planning and adjustments to handle future workload efficiently. Option A is incorrect because the tool focuses on server resources and workload trends rather than detailed analysis of user interactions. Option C is incorrect as the tool provides data for analysis but does not automatically adjust server settings. Option D is incorrect because the focus of the tool is on monitoring server resources and workload, not directly on external data source performance or data connections.

NEW QUESTION 91

For a company using Tableau Server primarily for complex data visualizations that require significant processing time, which configuration key should be adjusted?

- A. Increase the "gateway.timeout" value to allow longer processing time for complex visualizations
- B. Decrease the "vizqlserver.session.expiry.timeout" value to ensure faster visualization rendering
- C. Limit the "backgrounder.extractrefresh" value to reduce the load on the server
- D. Decrease the "dataserver.timeout" value for quicker data retrieval

Answer: A

Explanation:

Increase the "gateway.timeout" value to allow longer processing time for complex visualizations Increasing the "gateway.timeout" value allows more time for the server to process complex visualizations without timing out, which is essential for a company focusing on de-tailed and complex data visualizations. Option B is incorrect as decreasing session expiry timeout may interrupt the visualization process. Option C is incorrect because limiting extracts refresh frequency does not directly impact the processing time of complex visualizations. Option D is incorrect as decreasing data server timeout might result in insufficient time for data retrieval, especially for complex queries.

NEW QUESTION 96

In the context of SSL encryption for Tableau Server, what is an important consideration when renewing an SSL certificate?

- A. Renewing the certificate with the exact same specifications as the old one to avoid configuration changes
- B. Ensuring that the new SSL certificate is renewed and installed before the expiration of the current certificate
- C. Switching to a different SSL protocol version during renewal for enhanced security
- D. Temporarily disabling SSL encryption while waiting for the new certificate to be issued

Answer: B

Explanation:

Ensuring that the new SSL certificate is renewed and installed before the expiration of the current certificate When renewing an SSL certificate for Tableau Server, it is important to ensure that the new certificate is renewed and installed before the current one expires. This continuity prevents any interruptions in SSL encryption and maintains secure communications without any downtime or security warnings due to an expired certificate. Option A is incorrect because the new certificate does not necessarily need to have the exact same specifications; updates or changes might be beneficial. Option C is incorrect as switching SSL protocol versions during renewal should be done based on security needs and compatibility, not as a routine process. Option D is incorrect because disabling SSL encryption, even temporarily, can expose the server to security risks.

NEW QUESTION 100

When verifying the installation of Tableau Server on a Windows system, what is important to check to ensure that file system permissions are correctly configured?

- A. The amount of free disk space on the drive where Tableau Server is installed
- B. The network settings to ensure Tableau Server can communicate with other systems
- C. The security permissions of the Tableau Server data and logs directories
- D. The version of the file system used on the Tableau Server installation drive

Answer: C

Explanation:

The security permissions of the Tableau Server data and logs directories After installing Tableau Server on Windows, it's important to check the security permissions of the data and logs directories of Tableau Server. Proper permissions are necessary to ensure that Tableau Server can access and manage its files effectively, without encountering access-related errors. Option A is incorrect because the amount of free disk space, while important for operation, does not impact the permissions set on the file system. Option B is incorrect as network settings, while crucial for connectivity, are not related to file system permissions for the Tableau Server directories. Option D is incorrect because the version of the file system, while important for overall compatibility, does not directly impact the permissions set on the Tableau Server directories.

NEW QUESTION 105

An organization needs to migrate its Tableau Server to a new physical server due to hardware up-grades. What factor should be prioritized to minimize downtime and data loss?

- A. Migrating the server during peak business hours to immediately test the performance
- B. Planning the migration process with thorough backups and a clear rollback plan
- C. Transferring only the most essential dashboards and rebuilding the rest on the new server
- D. Changing the underlying database structure during the migration to improve performance

Answer: B

Explanation:

Planning the migration process with thorough backups and a clear rollback plan A well-planned migration with backups and a rollback plan is crucial to minimize downtime and ensure data integrity, allowing for recovery in case of unforeseen issues during the migration. Option A is incorrect as migrating during peak business hours can lead to significant disruptions. Option C is incorrect because transferring only essential dashboards and rebuilding others is time-consuming and risks data loss. Option D is incorrect as changing the database structure during migration is risky and may not necessarily lead to performance improvements.

NEW QUESTION 110

When configuring Tableau Server on Linux to interact with an external email server for notifications, you encounter issues with email delivery. What is the first thing you should check to resolve this issue?

- A. The email content and formatting settings in Tableau Server
- B. The SMTP configuration settings in Tableau Server, including server address and port
- C. Upgrading the email server to a version that is compatible with Tableau Server
- D. Changing the Tableau Server's operating system to one that is more compatible with the emailserver

Answer: B

Explanation:

The SMTP configuration settings in Tableau Server, including server address and port The first step in resolving issues with email delivery from Tableau Server to an external email server is to check the SMTP (Simple Mail Transfer Protocol) configuration settings. This includes verifying the email server address, port, and any authentication details required. Incorrect SMTP settings are a common cause of email delivery issues. Option A is incorrect because issues with email content and formatting are unlikely to affect email delivery itself. Option C is incorrect as upgrading the email server is not the first step and may not be necessary if the issue is related to SMTP settings. Option D is incorrect because changing the operating system of Tableau Server is an excessive measure and unlikely to resolve an email delivery issue.

NEW QUESTION 111

A company with a large number of concurrent Tableau users and complex data sets plans to deploy Tableau Server. What is the most appropriate node count configuration for this scenario?

- A. Configuring a single node to centralize all processes and simplify management
- B. Setting up a two-node configuration, one for background tasks and one for user interactions
- C. Implementing a multi-node configuration with dedicated nodes for VizQL, Backgrounder, and Data Server processes
- D. Using a four-node configuration regardless of the specific demands and usage patterns

Answer: C

Explanation:

Implementing a multi-node configuration with dedicated nodes for VizQL, Backgrounder, and Data Server processes A multi-node configuration allows for efficient distribution of different processes across nodes, enhancing performance and scalability for a large number of users and complex data sets. Option A is incorrect because a single node may not handle the load of a large number of concurrent users effectively. Option B is incorrect as it oversimplifies the needs of a large deployment, potentially leading to performance bottlenecks. Option D is incorrect because node count should be based on specific demands, not an arbitrary number.

NEW QUESTION 116

What is the best practice for setting up a log analysis strategy for a large Tableau Server deployment to ensure optimal performance?

- A. Implement a strategy where logs are only analyzed in response to user-reported issues to prioritize critical problems
- B. Set up automated log aggregation and analysis using tools that can handle large volumes of data, with alerts for anomalies
- C. Analyze logs only during scheduled maintenance periods to avoid impacting server performance
- D. Delegate log analysis tasks to different team members based on server components, such as data sources or visualizations

Answer: B

Explanation:

Set up automated log aggregation and analysis using tools that can handle large volumes of data, with alerts for anomalies For a large Tableau Server deployment, the best practice is to set up automated log aggregation and analysis using tools capable of handling and processing large volumes of log data. Automated systems with anomaly detection and alerting mechanisms can efficiently identify potential issues, helping administrators to proactively address performance bottlenecks. Option A is incorrect because only analyzing logs in response to user-reported issues may lead to delayed identification and resolution of underlying problems. Option C is incorrect as analyzing logs only during maintenance periods misses the opportunity for ongoing monitoring and quick response to emerging issues. Option D is incorrect because while delegation can be part of the strategy, it does not replace the need for automated and comprehensive log analysis across the entire server deployment.

NEW QUESTION 120

After configuring a reverse proxy for Tableau Server on a Windows system, users report that they are unable to access the Tableau Server. What is the first troubleshooting step?

- A. Reconfiguring Tableau Server to bypass the reverse proxy
- B. Checking the reverse proxy configuration for correct forwarding rules and SSL termination settings

- C. Upgrading the reverse proxy software to the latest version
- D. Increasing the memory allocation to Tableau Server to handle proxy traffic

Answer: B

Explanation:

Checking the reverse proxy configuration for correct forwarding rules and SSL termination settings When users are unable to access Tableau Server after setting up a reverse proxy, the first step should be to check the reverse proxy configuration. This includes verifying that the forwarding rules are correctly directing traffic to Tableau Server and that SSL termination (if used) is properly configured. Misconfigurations in these areas are common causes of accessibility issues in such setups. Option A is incorrect because bypassing the reverse proxy is not a solution to the problem and would negate the purpose of the proxy. Option C is incorrect as upgrading the proxy soft-ware, while potentially beneficial, is not the first step before checking the current configuration. Option D is incorrect because increasing memory allocation to Tableau Server does not address issues related to reverse proxy configurations.

NEW QUESTION 122

In a scenario where Tableau Server's dashboards are frequently updated with real-time data, what caching strategy should be employed to optimize performance?

- A. Configuring the server to use a very long cache duration to maximize the use of cached data
- B. Setting the cache to refresh only during off-peak hours to reduce the load during high-usage periods
- C. Adjusting the cache to balance between frequent refreshes and maintaining some level of cached data
- D. Utilizing disk-based caching exclusively to handle the high frequency of data updates

Answer: C

Explanation:

Adjusting the cache to balance between frequent refreshes and maintaining some level of cached data For dashboards that are frequently updated with real-time data, the caching strategy should aim to balance between frequent cache refreshes and maintaining a level of cached data. This approach allows for relatively up-to-date information to be displayed while still taking advantage of caching for improved performance. Option A is incorrect because a very long cache duration may lead to stale data being displayed in scenarios with frequent updates. Option B is incorrect as refreshing the cache only during off-peak hours might not be suitable for dashboards requiring real-time data. Option D is incorrect because relying solely on disk-based caching does not address the need for balancing cache freshness with performance in a real-time data scenario.

NEW QUESTION 124

In the context of Tableau Server, what is an important consideration when configuring access to the Metadata API for external applications?

- A. Allowing unrestricted access to the Metadata API from any external application
- B. Configuring the Metadata API to provide real-time updates to external applications
- C. Implementing OAuth for secure, token-based authentication for external applications accessing the Metadata API
- D. Ensuring external applications have direct database access for synchronized metadata retrieval

Answer: C

Explanation:

Implementing OAuth for secure, token-based authentication for external applications accessing the Metadata API Implementing OAuth for secure, token-based authentication is crucial when allowing external applications to access the Metadata API. This ensures that only authorized applications can access the API, enhancing security by providing controlled access based on authenticated tokens. Option A is incorrect because unrestricted access can lead to security vulnerabilities and performance issues. Option B is incorrect as real-time updates are more related to the functionality of the Metadata API rather than its configuration for external applications. Option D is incorrect because direct database access is not a standard or safe practice for external applications, especially in the context of API access.

NEW QUESTION 129

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