Zscaler Digital Transformation Engineer

60 questions | 90 minutes | Professional Level

Prerequisites | None. *Zscaler for Users - Engineer (EDU 202) Course & Lab are strongly recommended*

The Zscaler Digital Transformation Engineer exam is the final step to earn the Zscaler Digital Transformation Engineer (ZDTE) certification. This online proctored exam is recommended for candidates who have a minimum of one year of experience in the Zscaler platform, including hands-on experience with ZIA, ZPA and ZDX. The course and hands-on lab, Zscaler for Users - Engineer (EDU 202), help candidates prepare for the exam and are strongly recommended.

The following topics are general guidelines for the content likely to be included on the exam; however, other related topics may also appear on any specific delivery of the exam. In order to better reflect the contents of the exam and for clarity purposes, the guidelines below may change at any time without notice.

Architecture and Design 22%

●Given a set of user groups and geographical locations, identify and explain appropriate ZIA connectivity methods (GRE, IPSec, PAC, ZCC) for each.
● Given a scenario with globally dispersed users, design a PAC deployment strategy to accommodate their connectivity needs.
● Given a scenario about an implementation without a client connector (e.g. workload), identify how users are able to send traffic to Zscaler.
● Given a scenario about blocking or allowing traffic on specific ports or IP Addresses, identify how to configure the architecture or set up the policy.
● Given a scenario about locking down an application for specific authorized users, identify how to build that AppSegment.
● Identify the steps to configure Application Discovery.
● Given an example user's location and bandwidth, and the chart from the Help Doc on Sizing, identify the appropriate App Connector configuration to ensure correct sizing and high availability.
● Given a least privilege scenario, identify how to ensure policies are implemented appropriately based on specific user identities, device posture, and application attributes.
● Given a least privilege scenario, identify how to ensure policies are enforced appropriately based on specific user identities, device posture, and application attributes.
● Given a scenario where a user is in a known location, identify how to bypass their traffic so it will not have to be routed through the ZTE for private access.
● Given a critical service outage scenario, identify how Y Engine's machine learning capabilities can aid root cause analysis (Consider for Administrator).
● Given a scenario with a user complaining of slow applications, identify how ZDX probe placement can help identify the root cause (distinguishing between a user's resources, the organization's network, or the application itself).

Implementation and Deployment 22%

● Given a set of requirements, identify locations and sublocations designed to meet those requirements.
● Given a network topology and user scenario, identify evaluation statements and designs to determine the most appropriate Zscaler Internet Access (ZIA) traffic forwarding strategy. ● Given a scenario, identify how to build a policy to provide access to a specific destination for a subset of users.
● Given a scenario, identify if URL Policy, CloudApp Policy, or some combination is the most appropriate filtering.
● Given a scenario about ZIA Firewall configuration, identify how to enable non-web protocols to be allowed access based on user/department/group/blocked for others.
● Given a scenario about setting up ZIA DLP policies, identify how to set up and enable the policies.
● Given a scenario about PAC file generation, identify a correct PAC File to accomplish the goal of the scenario.
● Given a scenario in which an organization requires blocking of specific types of sites, identify how to utilize DNS Security Policies to accomplish this.
● Given a scenario in which a ZPA App Connector needs to be deployed via a virtual machine, identify the appropriate deployment process.
● Given a scenario about creating ZPA application segments, identify how to create the application segments and map them to private applications.
● Given a scenario, identify the steps of consolidating application segments into local Segment Groups.
● Identify the steps to create access policies within the ZPA administration console incorporating posture checks (e.g., device posture, health score, AV, etc.) and conditional rules (e.g., user roles, time-based access).
● Given a scenario with a desired end result, identify the types of probes that are needed.
● Given a scenario where there are desired alerting results triggering on various criteria (application alerts, device alerts, ZDX score alerts), identify the monitoring settings and performance thresholds that are required.
● Given a scenario about ZCC profile and update management with required results, identify the options that need to be configured.
● Given a scenario about Nanolog Streaming Service Feed setup for SIEM for a given type of data, identify the Zscaler log fields to bring over to the SIEM.
● Given a scenario about Log Streaming Service, for a given type of data, identify the Zscaler log fields to bring over to the SIEM.

Operations and Monitoring 16%

● Given a scenario and graphic of a ZIA dashboard, interpret the information on the dashboard for service health, usage trends, and security alerts.
● Given a scenario and graphic of a ZPA dashboard, interpret the information on the dashboard for service health, usage trends, and security alerts.
● Given a scenario and graphic of a ZDX dashboard, interpret the information on the dashboard for service health, usage trends, and security alerts.
● Given a scenario about ZCC and ZEN connectivity monitoring, identify the action that should be taken based on the monitoring information.

● Given a Zscaler Audit Log, interpret the information.
● Given a scenario with Baseline ZIA insights including an issue, identify the action(s) that should be taken to resolve the issue.
● Given a scenario with Baseline ZIA insights including an issue and a DLP incident report, identify the action(s) that should be taken to resolve the issue.
● Given an analysis of a dashboard, identify the appropriate next steps to resolve the potential issue. ● Given a scenario including a security posture and a Zscaler policy review, identify aspects of effectiveness, redundancy, and alignment with the security posture.
● Given a scenario including a specific application segment policy, identify the action that should be taken to perform regular policy clean-up (e.g., removing unused rules, consolidating objects).

Troubleshooting and Support 15%

● Given a scenario where specific locations and/or user types cannot access some internet applications, investigate the PAC file for mismatched logic.
● Given a scenario in which legitimate access to an app is being prevented by a block policy, and evidence relating to the failure, identify where the blocking happened and the steps that need to be taken to resolve it.
● Given a scenario in which legitimate access to a private app is being prevented by a block policy, and some evidence relating to the failure, identify where the blocking happened and the steps that need to be taken to resolve it.

Security and Compliance 14%

● Given a scenario about Zscaler policy-containment, identify the process, how to configure the policies, how to monitor the activity, and how to effectively take corrective and preventative actions.

Automation and Optimization 11%

● Given a sample PAC File and user requirements, identify an appropriate way to optimize the logic of the PAC file.
● Given a script that's going to modify specific designated elements, identify the minimal set of permissions that need to be given to the API Key.
● Given a scenario, identify an appropriate method for increasing efficiency utilizing automation