Threat Modelling

Task-1
No answer needed

Task-2
What is a weakness or flaw in a system, application, or process that can be exploited by a threat?
Vulnerability

Based on the provided high-level methodology, what is the process of developing diagrams to visualise the organisation's architecture and dependencies?
Asset Identification

What diagram describes and analyses potential threats against a system or application?
Attack tree

Task-3
What is the technique ID of "Exploit Public-Facing Application"?
T1190

Under what tactic does this technique belong?
Initial Access

Task-4
How many MITRE ATT&CK techniques are attributed to APT33?
31

Upon applying the IaaS platform filter, how many techniques are under the Discovery tactic?
13

Task-5
What DREAD component assesses the potential harm from successfully exploiting a vulnerability?
Damage

What DREAD component evaluates how others can easily find and identify the vulnerability?
Discoverability

Which DREAD component considers the number of impacted users when a vulnerability is exploited?
Affected Users

Task-6
What foundational information security concept does the STRIDE framework build upon?
CIA Triad

What policy does Information Disclosure violate?
Confidentiality

Which STRIDE component involves unauthorised modification or manipulation of data?
Tampering

Which STRIDE component refers to the disruption of the system's availability?
Denial of Service

Provide the flag for the simulated threat modelling exercise.(Refer the given table)
THM{m0d3ll1ng_w1th_STR1D3}

Task-7
In which step of the framework do you break down the system into its components?
Decompose the Application

During which step of the PASTA framework do you simulate potential attack scenarios?
Analyse the Attacks

In which step of the PASTA framework do you create an inventory of assets?
Define the Technical Scope

Provide the flag for the simulated threat modelling exercise.
THM{c00k1ng_thr34ts_w_P4ST4}

Task-8
No answer needed