Implementing Cisco Identity Services Engine for Wireless Engineers

1. **Introducing Cisco ISE**
   a. Describe Cisco ISE architecture and Components
   b. Describe the different Cisco ISE nodes and personas
   c. Describe different Cisco ISE deployment options

2. **Provisioning Secure Access**
   a. Describe authentication services that are available to Cisco ISE
   b. Configure authentication identity sources and policies
   c. Configure authorization components and policies
   d. Define and understand CoA and review common permission elements, including dACLs, named ACLs, VLANs, and SGT

3. **Configuring Profiling**
   a. Describe the functions and purpose of profiling on the Cisco ISE platform
   b. List the profiler probes and discuss the attributes that are associated with these probes
   c. Describe and configure profiles policies
   d. Configure profiling on the Cisco ISE platform
   e. Verify profiling operation on the Cisco ISE platform

4. **Providing Guest Access**
   a. Describe the concept of guest web access
   b. Configure the components of a CWA-based guest access solution including redirection for both wired and wireless access
   c. Describe guest accounts, roles, and data stores
   d. Configure support for guest reporting

5. **Implementing BYOD**
   a. Define BYOD, explain the advantages of a Cisco BYOD solution, and describe BYOD components
   b. Describe common BYOD use cases and explain how they apply to various corporate security policy needs
   c. Describe BYOD deployment and configuration options

6. **Explore MDM Integration**
   a. Define the MDM integration process in Cisco ISE and add an MDM Server
   b. Define MDM supported attributes

     c.   Examine an MDM configuration

7. **Monitoring and Troubleshooting Cisco ISE Security Solutions**
     a.   Use Cisco ISE dashboard
     b.   Use the Live Authentications log feature of Cisco ISE
     c.   Use TCP Dump feature of Cisco ISE
     d.   Use Evaluation Configuration Validator tool