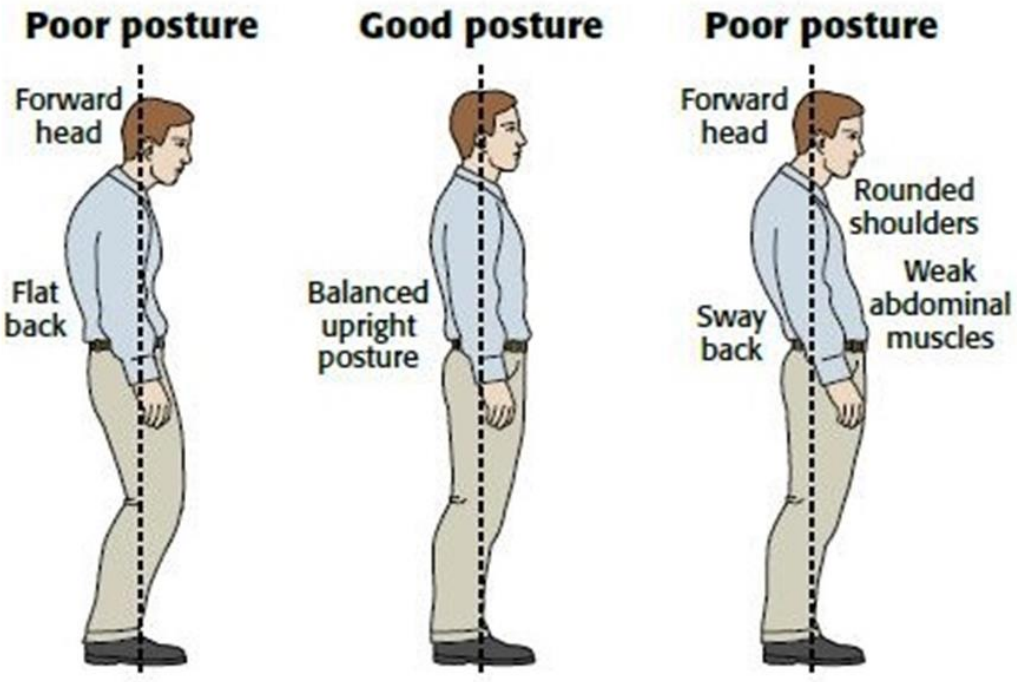
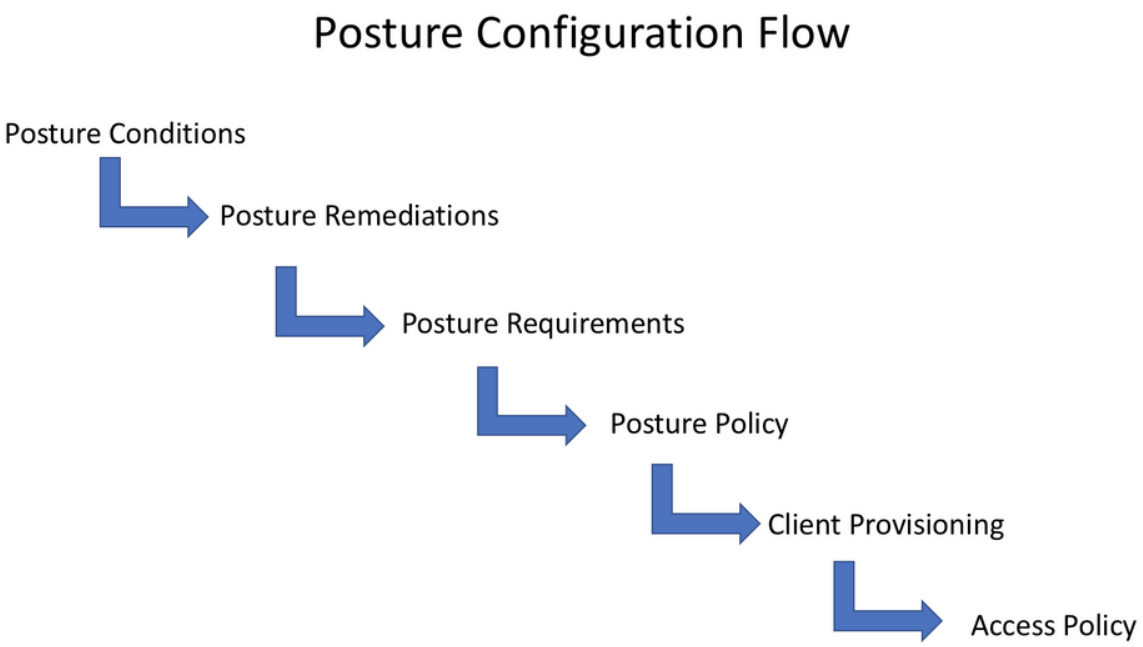
Posture:

- Posturing check health of endpoints like antivirus, latest service pack & OS updates.
- Posture validation is used to determine health status of the endpoint authenticating.
- A set of conditions and requirements are defined, consisting of security applications.
- Posture is used to check inside host for available antivirus, firewall, registry keys etc.
- Anti-Virus, Anti-Malware, Personal Firewall, Hotfixes, Disk Encryption, Registry etc.
- Posture of endpoint is a function of what software is present on the endpoint device.
- Posturing is a functionality to determine the security status of the endpoints device.
- Posture service collects attributes from Endpoint to learn about the health & Security.
- Posture service collects attributes from endpoint to learn Trust level of Endpoint device.
- Posture assessment allows inspecting the security "health" of Personal Computer clients.
- In order to check internal state, user needs to either install NAC agent or use web agent.
- Web Agent is temporary software installed in guest system where NAC agent is permanent.
- The Cisco ISE posture module is integrated with the Cisco AnyConnect package as well.
- Anyconnect package can be easily install by using group policy in all the user computers.
- Identity Service Engine posture module is integrated with the Cisco AnyConnect package.



Posture Configuration Flow:

Configuring posture assessment in Cisco ISE requires several components to be taken into consideration: Conditions, Remediation, Requirements, Posture Policy, Client Provisioning and Access Policy. Following the below posture configuration flow will ensure that each required section to configuring ISE for posture assessment will be addressed.



Posture conditions are the set of rules in our security policy that define a compliant endpoint. Some of these items include the installation of a firewall, anti-virus software, anti-malware, hotfixes, disk encryption and more. Once posture conditions are defined, posture remediation's (if required) can be configured. Posture remediation's are the methods AnyConnect will handle endpoints that are out of compliance. Some remediation's can be automatically resolved through AnyConnect while other might be resolved manually by the end user. Posture requirements are the immediate actions steps taken by AnyConnect when an endpoint is out of compliance. An endpoint is deemed compliant if it satisfies all the posture conditions. Once configured, posture requirements can then be reference by posture policy for compliance enforcement. Client provisioning is the policy used to determine the version of AnyConnect used as well as the compliance module that will be installed on the endpoint during the provisioning process. The compliance module is a library that the posture agent uses to determine if the endpoint is in compliance with defined posture conditions. Lastly, access policy will enable our posture policy and define what form of policy the endpoint will be subjected to if it is compliant, non-compliant or requires provisioning of AnyConnect.