

## Implementing Cisco AnyConnect Secure Mobility (IACSM)

Längd: 2 Days    Kurskod: SIASM    Version: 1.0

### Sammanfattning:

The Cisco AnyConnect Secure Mobility Solution (ACSM) provides web security for the borderless network. This solution brings together Cisco SSL VPN technology and Cisco IronPort content security. This comprehensive training course covers how to install, configure and administer ACSM. The course consists of hands-on labs and presentations.

### Målgrupp:

End Users: Network and Security Administrators, Network Architect and Customer Support Engineers

### Målsättning:

- **After attending this course you should be able to** : Describe, configure, administer, and/or troubleshoot the solution, including:
  - Always-On
  - Captive Portal Remediation
- **AnyConnect Client Components**
  - SSL VPN
  - IPsec VPN – including IKEv2
  - Web Security (ScanSafe Anywhere+ integration)
  - Network Access Manager
  - Posture
- **AnyConnect Secure Mobility**
  - ASA to WSA single sign-on
  - Telemetry
  - WSA features in the context of Secure Mobility
- **AnyConnect Features**
  - Session Persistence
  - Optimal Gateway Selection
  - Trusted Network Detection
- **Configuration**
- **Deployment**
  - Pre Deployments vs. Web launch Deployments
  - Web Security (ScanSafe) deployments
  - Explicit forward mode VPN deployments
  - Transparent mode VPN deployment
- **Troubleshooting**
  - DART
  - Event logs (client side)
  - ASA and WSA logging
  - Debug commands

### Förkunskaper:

Attendees should meet the following prerequisites:

One of the following courses is required

- *Web Security Channel Partner Training (WSCPT or SWSA)*
  - *Securing Your Web with Cisco IronPort S-Series (SYEBC or SESA)*
- PLUS**

### Test och certifiering

Recommended preparation for exams :

- There are currently no exams associated with this course

- Cisco Advanced SSL VPN Administration (**CAVPN or SASL**)
- The AnyConnect Secure Mobility e-learning course is strongly recommended

## Innehåll:

**Module 1** – Course ; Solution Overview. This module covers the course and solution from a high level, and includes such formalities as classroom introductions. Customer Use Cases are covered in detail.

**Module 2** – WSA Integration. This module is focussed on how the Cisco IronPort Web Security Appliance is integrated into the Secure Mobility solution.. This module covers web policy configuration for remote vs. Local users, ASA to WSA Single Sign On, and SaaS access control. AnyConnect Anti-Virus Telemetry is also covered.

**Module 3** – Client Features. This module covers the features of ACSM. These include Trusted Network Detection, Always-on VPN, Captive Portal Detection, Optimal Gateway Selection, Session Persistence, Quarantine and Client Firewall. The SCEP proxy feature is also covered.

**Module 4** – ScanSafe. This module covers the integration of Cisco ScanSafe Web Security into the AnyConnect Client. The lab included configuration of the Web Security, including the Detect-on-LAN feature. Interactions of ScanSafe with explicit proxies and VPN connections will also be covered.

**Module 5** – Proxy Deployment. This module covers ACSM deployment. This includes generic information about deployment , as well as detailed discussion of common deployment scenarios. Both explicit forward mode, and transparent mode (using WCCP) are discussed.

**Module 6** –Posture Assessment. This module covers the endpoint posture assessment capabilities of the AnyConnect client. This includes Cisco Secure Desktop, Endpoint assessment, and Hostscan.

**Module 7** – IPsec and IKEv2. This module covers IPsec and IKEv2 support for the AnyConnect VPN.

**Module 8** – Network Access Manager. This module covers the AnyConnect Network Access Manager (NAM). NAM provides management for Layer 2 networks (both wireless and wired). NAM also provides a Layer 2 supplicant.

## Övrig information:

För mer information eller kursbokning, vänligen kontakta oss på telefon. 020-73 73 73

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