Why Skyline Advanced Technology Services?

Skyline Advanced Technology Services (ATS) offers Professional Services for a variety of Cisco® centric solutions. From inception to realization, our senior staff of engineers are available for any size project or duration for the following services:

- Consulting Services
- Installation Services
- Network Design
- Staff Augmentation

For an in-depth discussion regarding your technical and staffing needs, our team is with you every step of the way.

Contact your Skyline-ATS representative today.

Are you deploying Cisco Identity Services Engine?

Contact your Skyline-ATS Account Manager today for more information on how we can help.

800-375-9546
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Description

The Cisco Identity Services Engine (ISE) Wired-Only QuickStart Implementation is a unique Skyline-ATS on-site offering designed to assist partners/customers who are deploying ISE for the first time and require assistance with the deployment of a "Pilot" system while being trained on how to complete the deployment on their own. A Skyline-ATS Security Engineer will work with the partner/customer to complete a High Level Design (HDL) and assess the readiness of the network, providing recommendations for IOS upgrades and/or equipment replacement and/or configuration changes to make the network ISE ready.

The engagement consists of remote design and readiness review (via WebEx®) followed by on-site support at the partner's/customer's location for a five (5) day QuickStart implementation. The engagement is focused on the initial design, preparation of partner's/customer's existing infrastructure, installation, and deployment of an operational Cisco ISE system consisting of two (2) all-in-one ISE appliances (or VMs) configured in a High Availability (HA) configuration while providing partner/customer personnel deployment experience as well as a well-defined knowledge transfer on the ISE, design, installation and deployment.

Overall Objectives

- Collaborate with key personnel to design and determine functionality goals.
- Interactive training and design sessions geared to educate the partner/customer and finalize the design.
- Provide interactive training to partner/customer personnel throughout the five (5) day on-site implementation process focusing on those areas the partner/customer feels they need assistance with.

Training Objectives

This QuickStart will include assistance in the following areas with emphasis in the areas which the customer requests:

• High Level Design (HDL) Workshop pre-installation and Bill of Materials (BOM) review.

• Provide interactive training and assistance with the documentation of each type of wired network access device in your network by model, supervisor (if appropriate), and software version. It is highly recommended that you upgrade all switches to the latest tested and validated TrustSec® version to avoid feature and behavioral inconsistencies (i.e., Network Equipment Readiness Assessment).

• Provide interactive training and assistance with creating security policies for up to five (5) use cases. We will help you to define your major network access scenarios and how you will use contextual, network-based attributes to enforce secure access. We will consider scenarios such as user versus endpoint authentication (certificate or non-certificate based), role-based identification and segmentation (e.g., employees, contractors, guests, etc.), or endpoint-based differentiation (corporate asset vs non-corporate asset).

These unique security policies will map directly to your final ISE authentication and authorization rules.

• Provide interactive training and assistance with installation and base configuration of ISE in an "all-in-one" HA deployment.

• Provide interactive training and assistance with enrolling and installing CA-signed certificates used in an HA deployment The CA-signed certificates may also be used in certain endpoint authentication scenarios.

• Provide interactive training and assistance in determining and configuring the appropriate identity sources and identity source attributes used in authentication rules (e.g., Active Directory, LDAP, Internal Database, etc.).

• Provide interactive training and assistance with configuring three (3) authentication rules (MAB, 802.1x Wired, and Default). The authentication rules will be based on previously defined security policies and identity sources.

Disclaimer

The following items are not included in this QuickStart. Any or all of these items may be added and will add additional time and cost to the services:
• Profiling
• BYOD
• Posture Assessment
• Wireless ISE Implementation

Customer Responsibilities

- Attend a High Level Design Workshop via WebEx pre-installation.
- Provide proper rack and other supporting infrastructure, such as power, HVAC, etc.
- System must be racked and powered prior to Skyline arriving on-site.
- Customer must provide adequate resources to perform the implementation with Skyline providing Interactive training and guidance.
- Customer will assist with all testing scenarios.

Statement of Work

After the Skyline-ATS ISE Engineer thoroughly qualifies the customers ISE requirements, a detailed Statement of Work will be submitted for customer approval prior to the QuickStart installation engagement.

Instructor Led Training

Instructor Led Training is also available for those customers that want to increase their knowledge of Cisco Identity Services Engine technology beyond what is provided in this mentored installation.