Create and Use Third Party Certificate on UCSM

Contents

Introduction

This document describes the procedure to create and use third party certificates on Unified Computing System (UCS) for secure communication.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Access to CA Authority
- UCSM 3.1

Components Used

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

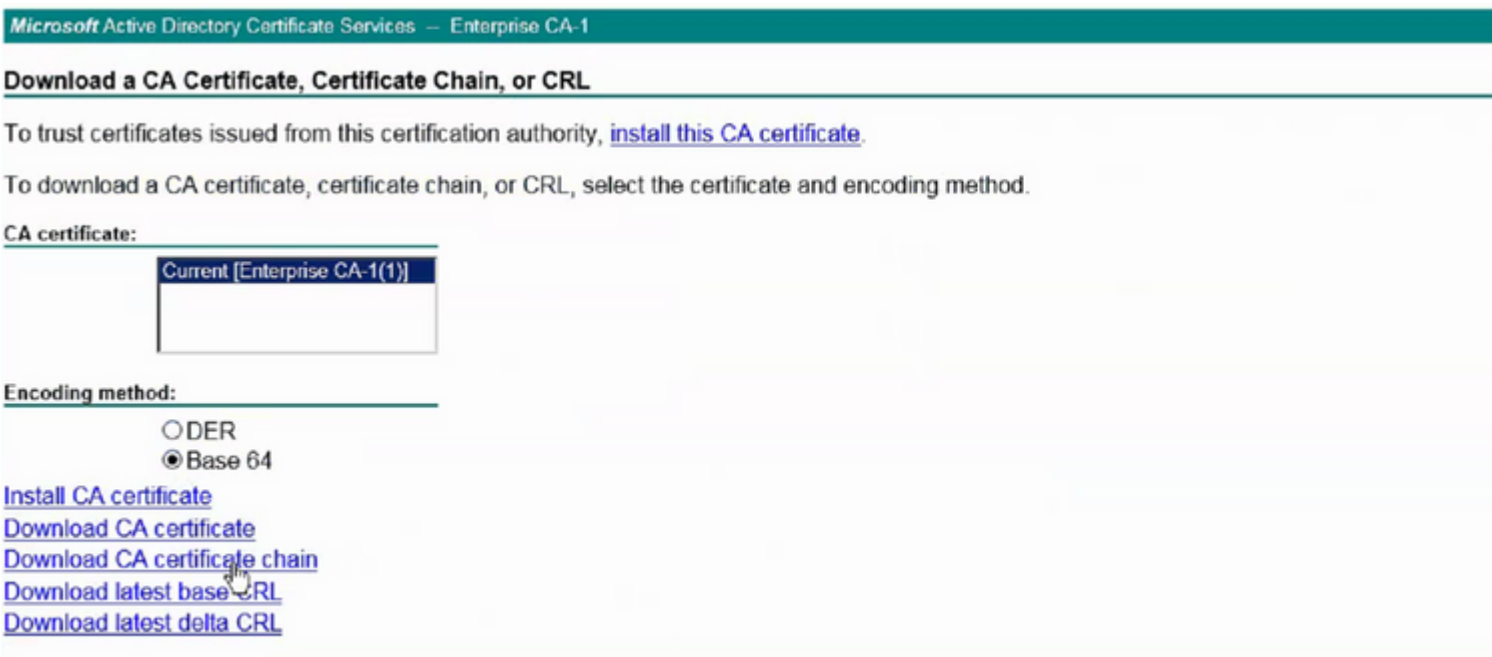
Steps to Configure

Configure Trust Point

Step 1

- Download the certificate chain from the CA authority to create Trust-Point. Refer

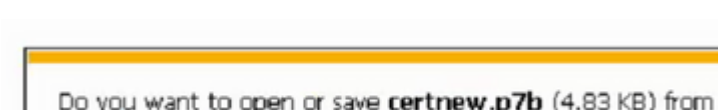
to http://localhost/certsrv/Default.asp within the Cert Server.
- Make sure encoding is set to Base 64.



Download Certificate chain from CA Authority

Step 2

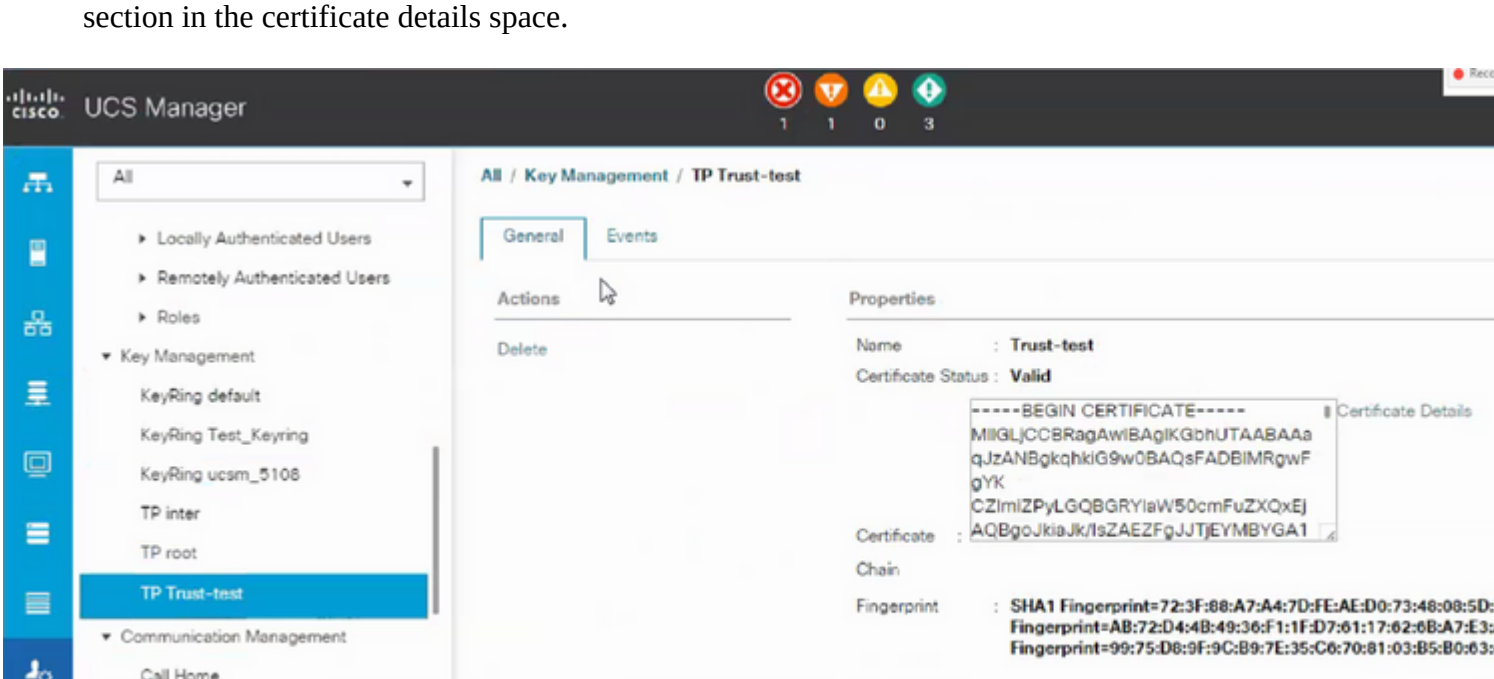
- The downloaded certificate-chain is in PB7 format.



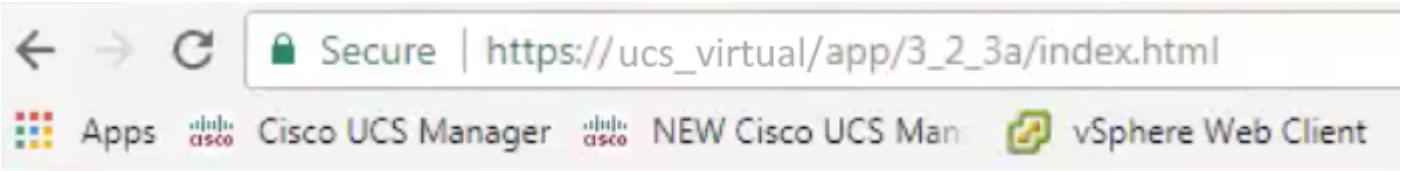
- Convert the .pb7 file to PEM format with OpenSSL tool.
- For example, in Linux, you can run this command in terminal to perform the conversion- openssl pkcs7 -print_certs -in <cert_name>.p7b -out <cert_name>.pem.

Step 3

- Create a Trust-Point on UCSM.
- Navigate to **Admin > Key Management > Trustpoint**.
- When you create the Trust-point, paste the complete contents of the .PEM file created in step 2 of this section in the certificate details space.



: This requires the local desktop to also use the certificate from the same CA authority as the UCSM.



Related Information

- Technical Support & Documentation - Cisco Systems