Cisco Virtualization Experience Media Engine Overview

Purpose of This Guide

The *Cisco Virtualization Experience Media Engine for SUSE Linux Deployment and Installation Guide* includes the following task-based information required to deploy and install Cisco Virtualization Experience Media Engine for SUSE Linux (VXME for SUSE Linux).

- Installation and configuration workflows and procedures that outline the processes to install and configure Cisco VXME for SUSE Linux
- Installation and configuration information for Cisco AnyConnect Secure Mobility Client in a Cisco VXME for SUSE Linux deployment
- Upgrade information for Cisco VXME for SUSE Linux

About Cisco Virtualization Experience Media Engine

Cisco Virtualization Experience Media Engine (VXME) extends the Cisco collaboration experience to virtual deployments. With a supported version of Cisco Jabber for Windows or Cisco UC Integration™ for Microsoft Lync, users can send and receive phone calls on their hosted virtual desktops (HVD). The VXME software detects the virtual environment and routes all audio and video streams directly from one endpoint to another, without going through the HVD.

The applications in the Cisco VXME family of products are:

- Cisco Virtualization Experience Media Engine for SUSE Linux
- Cisco Virtualization Experience Media Engine for Windows

For more information about Cisco VXME, visit http://www.cisco.com/c/en/us/products/collaboration-endpoints/virtualization-experience-media-engine/index.html.

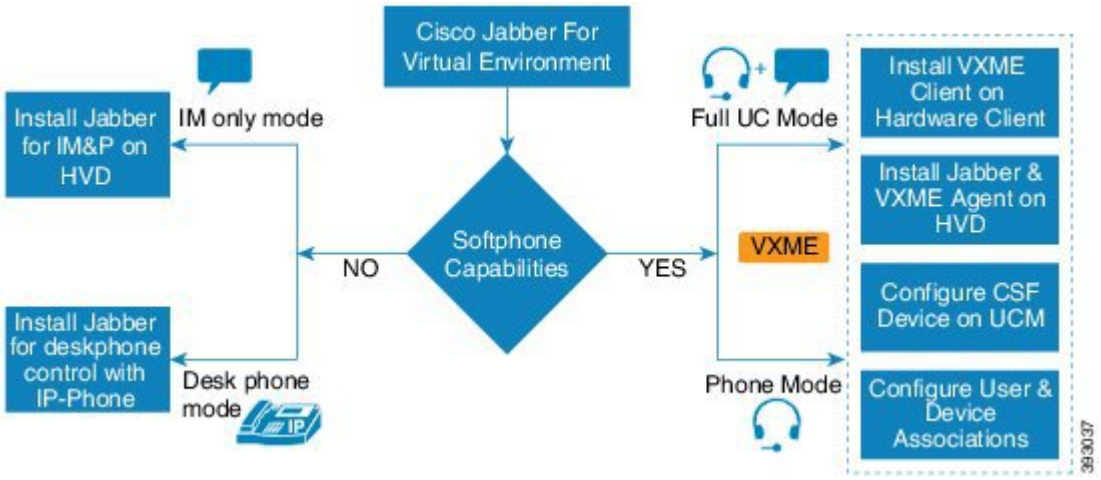
Virtual Deployments

With Cisco Virtualization Experience Media Engine (VXME), thin client users can place and receive calls with their Cisco Unified Communications application (Cisco Jabber or Cisco UC Integration™ for Microsoft Lync). Cisco Virtualization Experience Media Engine consists of the Cisco VXME Agent and the Cisco VXME Client. To reduce latency and to enhance media quality, VXME streams media between the endpoints without going through the hosted virtual desktops.

Cisco Virtualization Experience Media Engine also supports some accessories. For a complete listing of supported audio and video accessories, see *Unified Communications Endpoint and Client Accessories*, at http://www.cisco.com/c/en/us/products/unified-communications/uc_endpoints_accessories.html.

Use the following flowchart to determine whether you require VXME for your virtual environment.

Figure 1: Determine Whether You Need Cisco Virtualization Experience Media Engine for SUSE Linux



A Cisco VXME virtual deployment consists of the following components:

- Supported SUSE Linux thin clients

  For more information about supported thin clients, see *Release Notes for Cisco Virtualization Experience Media Engine for SUSE Linux*.

- Cisco VXME Client installed on the thin client
- Windows hosted virtual desktops (HVD), in a data center
- Cisco Jabber or Cisco UC Integration™ for Microsoft Lync installed on the HVD
- Cisco VXME Agent installed on the HVD
- Cisco Unified Communications Manager

Considerations for Thin Clients

SUSE Linux thin clients must meet all system requirements including a compatible base image version. For more information, see *Release Notes for Cisco Virtualization Experience Media Engine for SUSE Linux* for your release.

Wyse Device Manager 5.0 is the recommended deployment tool to deploy VXME to Dell Wyse thin clients.

Important Cisco does not support any management administrative method to deploy VXME to Dell Wyse thin clients. Support for adding and enabling add-ons is provided by Dell Wyse, using Wyse Device Manager or other methods supported by Dell Wyse.

File Names

The following table lists the file types and names for this release.

File Type	File Name
Cisco Virtualization Experience Media Engine Client for SUSE Linux SP2 (downloadable .zip file)	Cisco_VXME_Client-10.6.0_SP2.zip
SP2 VXME .rpm file (extracted from zip file)	cisco_vxme_client-10.6.0-221.sletc11sp2.rpm
SP2 VXME Prerequisites .rpm file (extracted from zip file)	vxme-pre-reqs-10.6.0-23.sletc11sp2.rpm
Cisco Virtualization Experience Media Engine for SUSE Linux SP3 (downloadable .zip file)	Cisco_VXME_Client-10.6.0_SP3.zip
SP3 VXME .rpm file (extracted from zip file)	cisco_vxme_client-10.6.0-221.sletc11sp3.rpm
SP3 VXME Prerequisites .rpm file (extracted from zip file)	vxme-pre-reqs-10.6.0-23.sletc11sp3.rpm
Cisco Virtualization Experience Media Engine Agent for SUSE Linux Release 10.6 (downloadable zip file)	Cisco_VXME_Agent-10.6.0.zip
VXME Agent installer file (extracted from zip file)	CiscoVXMEAgentSetup.msi
Cisco AnyConnect for SUSE Linux SP2 (downloadable zip file)	Anyconnect_bundle-3.1.06073-69_SP2.zip
SP2 Cisco AnyConnect .rpm file (extracted from zip file)	anyconnect_bundle-3.1.06073-69.sletc11sp2sd.rpm
Cisco AnyConnect for SUSE Linux SP3 (downloadable zip file)	Anyconnect_bundle-3.1.06073-69_SP3.zip

File Type	File Name
SP3 Cisco AnyConnect .rpm file (extracted from zip file)	anyconnect_bundle-3.1.06073-69.sletc11sp3.rpm