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Pexip Infinity CTE

Self paced e-learning

Duration – 5 hours

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Level 1

Technology
Expert
Pexip Self-Hosted

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CTE Level 1 Technical Training

Course outline

- Theoretical technical overview of Implementing Pexip Infinity

Course objectives

- Identify and relate Core AV and Networking technologies within the fundamentals requirements of a Pexip Infinity deployment.
- Identify and define system architecture requirements for a Pexip self-hosted Infinity deployment.
- Locate and identify technical documentation on docs.pexip.com to support the planning and installation of a Pexip self-hosted Infinity deployment.
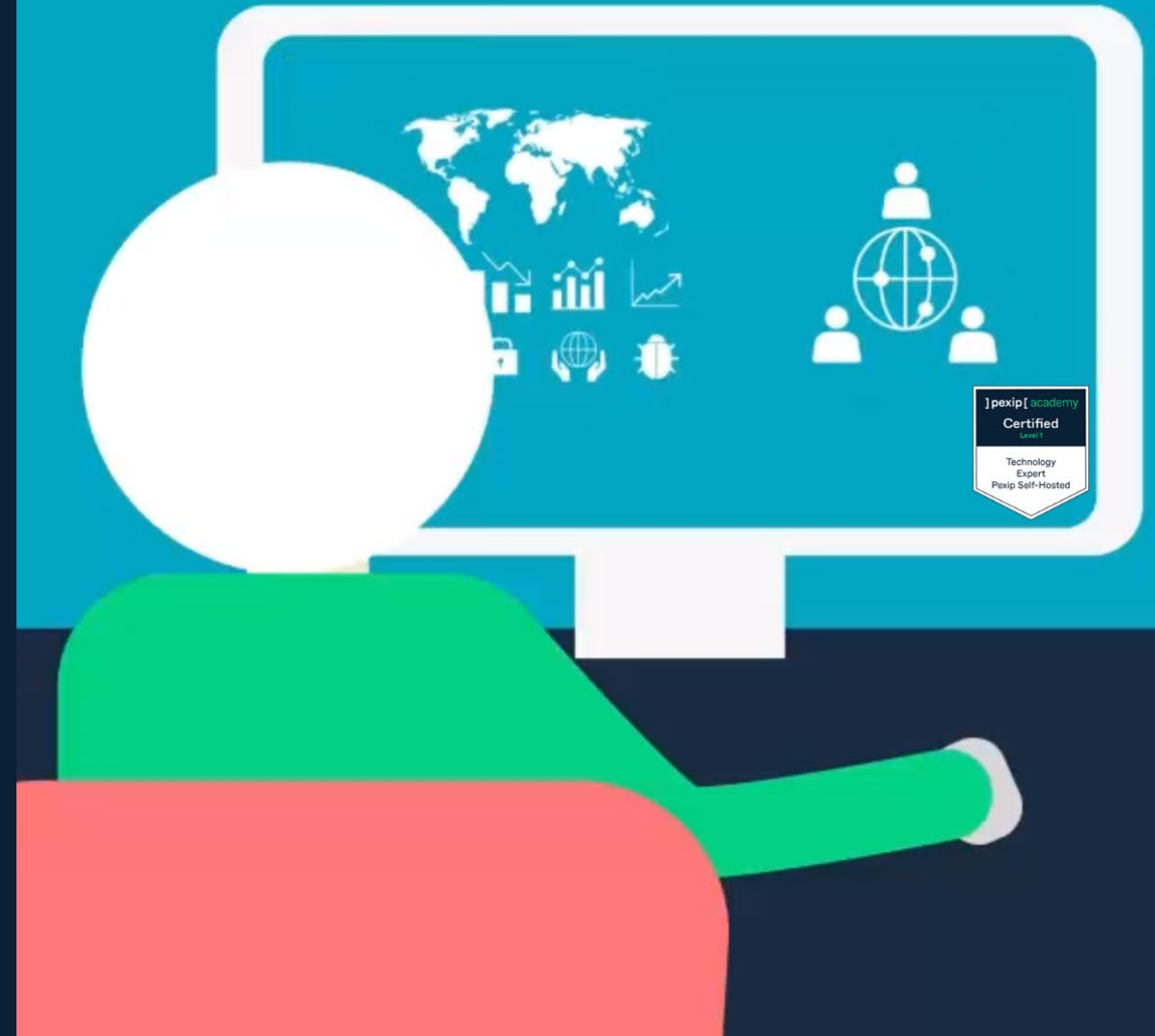
Who should attend?

Video Support Engineers
Sales Engineers/Solution Architects
Video Systems Engineers
Video System Administrators
Channel Partners / Resellers

Next Steps

On successful completion of this course the learner wi
Proceed onto the CTE Level 2

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Prerequisites

- Cisco CCNA level / Microsoft MCSE

What's in the box?

The Certified Technology Expert Level 1 is self-paced theoretical training delivered in a series of e-learning video modules and assessments.

Working at your own pace, you will gain an insight into applying core technical principles to planning, deploying and configuring a Pexip Infinity platform, with an high-level overview of integrating Infinity with other networked systems. The Level 1 is mandatory for those looking to support / sell Pexip Self hosted Infinity Solution. Level 1 is designed to prepare you for the practical live lab tasks which form part of the CTE Level 2.

This is a technical course and we expect users to have a high level of IT experience and to be familiar with:
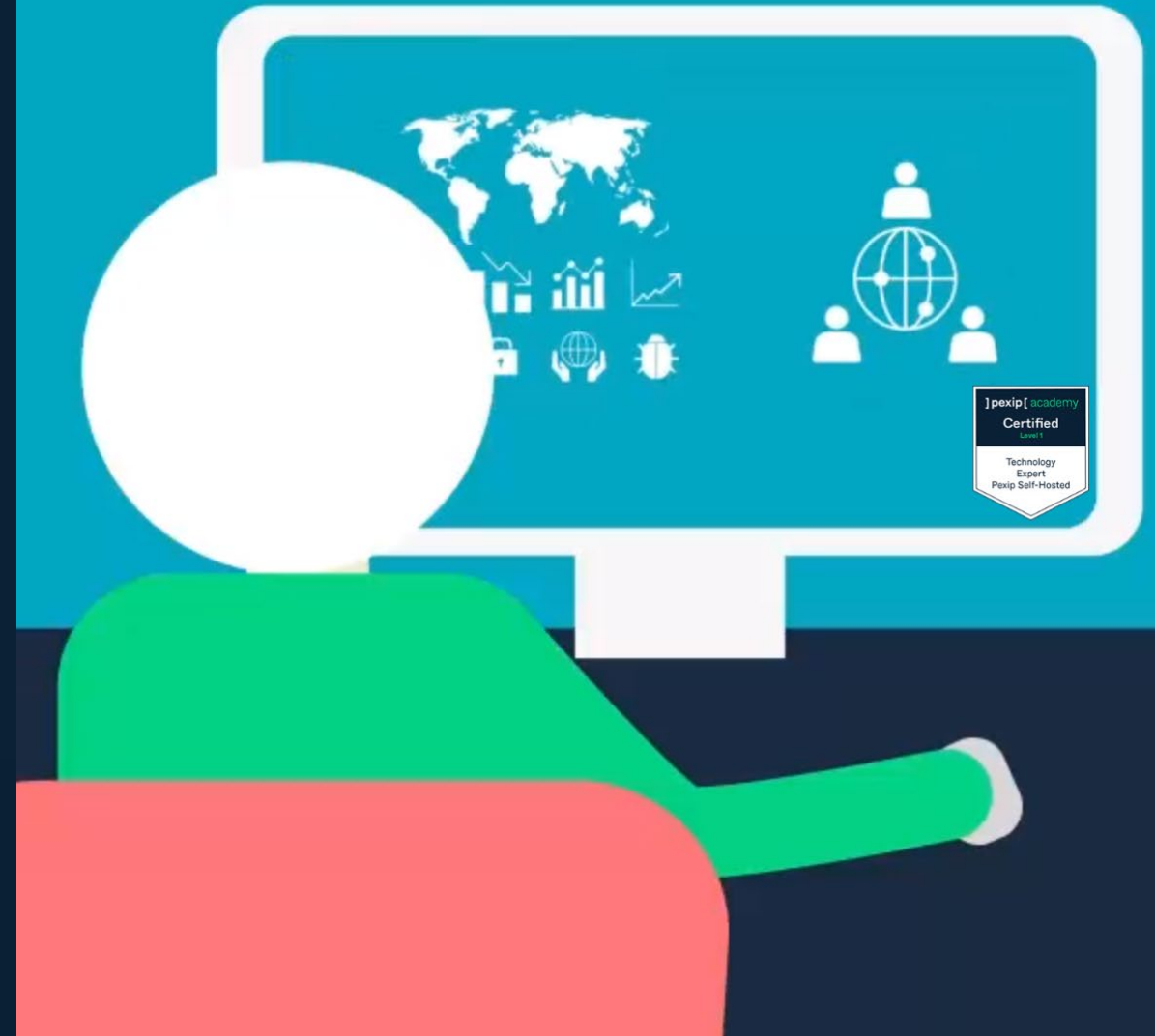
- Video Conferencing /Collaboration systems and solutions.
- IP networks /Firewalls /DNS /Certificates /Servers & Virtualisation /SIP H.323 protocols /RegEx.
- VMware vCentre / ESXi hypervisor.
- Microsoft Windows Server / Active Directory (LDAP), AD Certificate Services, SfB & MS Teams.
- Microsoft Azure and Google Cloud service platforms.
- Remote administration of systems is via RDP and SSH terminals.

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CTE Level 1 Technical Training

Program overview

Modules

To be taken first AV Networking Assessment	3 part baseline assessment module. (17 mins) • Self Assessment (2 mins) • General IT Networking warm-up – (5 mins) • Scenario time. (10 mins)
Pexip Infinity: The Fundamentals	3 part module. (9 mins) • A distributed enterprise application • Examples of a deployment • Distributed Architecture • Assessment – 5 minutes
Planning a basic installation of Pexip Infinity	10 part module (51 mins) • Planning an installation of Pexip Infinity • Installing the Management node in a VMware environment • Completing the Management node install wizard • Configuring System settings • Further Management node configuration • Configuring System locations • Creating a Conferencing node • Deploying a conferencing node in VMware • Completing the deployment of a conferencing node • Additional Conferencing node configuration • 10 x Assessments – 50 minutes

Watch then test

Program overview

Modules

How to use the Pexip Infinity Technical Documentation site.	1 part module (8 mins) • **An introduction to docs.pexip.com**
Regex Fundamentals	2 part module (9 mins) • A basic introduction to Regular Expression • RegEx within Infinity • **Assessment – 5 minutes**
SIP Signalling Fundamentals	1 part module (14 mins) • A basic introduction to SIP Signalling Fundamentals • **Assessment – 5 minutes**
DNS within Infinity	1 part module (14 mins) • DNS within Infinity • **Assessment – 5 minutes**
Networking	1 part module (16 minis) • Networking fundamentals for an Infinity deployment • **Assessment – 5 minutes**

Watch then test

Program overview

Modules

TLS Certificate Fundamentals for Infinity	**2 part module (20 mins)** • **Intro to Certificates** • **Certificates within Infinity** • **Assessment – 5 minutes**
Data Traffic Flow and Firewall Configuration Fundamentals for Infinity	2 part module (20 mins) • Basic Firewall Configuration • Data Traffic and Protocol Flows • **Assessment – 5 minutes**
Virtulisation & Server Design	3 part module (25 mins) • Intro to Virtulisation & Server Design • Resource allocation & Server Design • NUMA Pinning and Vmware • **Assessment – 5 minutes**

Watch then test