Group 19 Lab Sheet OSLO

Training Lab Schematic

January 2021

Relevant network components (already installed)

IP	FQDN	Comment
10.247.180.2	dc1-osl.pexip.net	Active Directory / LDAP / DNS / NTP
10.247.180.4	sfb-osl.pexip.net	Skype for Business Front End Server
91.90.42.98	rdp-osl.pexip.net	Remote Desktop Server

Breakout VMRs

We use and move your VC groups between sessions, so depending on what session are in, will depend on what VMR you should use for group work.

Generally:

- Sassion A contains groups VC1 to VC5
- Session B contains groups VC6 to VC10

But check with you trainer

Links to get into either VMR for your group are given below:

Group vc19 Session A breakout VMR	https://pexipdemo.com/webapp/?conference=tech.training.a.vc19
Group vc19 Session B breakout VMR	https://pexipdemo.com/webapp/?conference=tech.training.b.vc19

#1 - Remote desktop information

RDP server	https://rdp-osl.pexip.net/RDWeb
Usernames	vc19user1@pexip.net vc19user2@pexip.net vc19user3@pexip.net
Password	Pexip123

#2 - Windows user information (to login to other Windows servers and the certificate authority)

Usernames	vc19user1@pexip.net vc19user2@pexip.net vc19user3@pexip.net
Password	Pexip123

#3 - VCenter / ESXi host information

vCenter	**https://osloeduvcenter.pexip.net/** - Log onto this server.
Pexip VM Manager	**osloeduvcenter.pexip.net** (10.247.180.8)
vCenter Host	ec01-blade09.pexip.net (where you deploy VM's)
Resource Folder	**vc19**
Storage	**vc19**
Usernames	vc19user1@pexip.net vc19user2@pexip.net vc19user3@pexip.net
Password	Pexip123
NTP Servers	0.pexip.pool.ntp.org, 3.pexip.pool.ntp.org

#4 - Internal Server/Node information

#4.1 Internal Pexip Node deployment information

System Location name: **Enterprise LAN**

Your internal IP-addresses (for you to assign to the Pexip nodes)

Name of Node	IP	Netmask	Default Gateway	VM Network	Hostname	Domain Suffix	SIP TLS FQDN	Comment
mgr.vc19-osl.pexip.net	10.247.180.190	255.255.255.0	10.247.180.1	Training_LAN	mgr	vc19-osl.pexip.net	…	Management Node
conf01.vc19-osl.pexip.net	10.247.180.191	255.255.255.0	10.247.180.1	Training_LAN	conf01	vc19-osl.pexip.net	conf01.vc19-osl.pexip.net	Transcoding Node
conf02.vc19-osl.pexip.net	10.247.180.192	255.255.255.0	10.247.180.1	Training_LAN	conf02	vc19-osl.pexip.net	conf02.vc19-osl.pexip.net	Transcoding Node

Common configuration details for internal devices, configured in the **Enterprise LAN** System location:

DNS	10.247.180.2 10.247.180.5
NTP	dc1-osl.pexip.net dc1.pexip.net

#4.2 Pexip domain and Skype for Business integration information

Pexip internal Conferencing Node pool name	confpool.vc19-osl.pexip.net
Pexip Infinity domain	vc19-osl.pexip.net
Group name	vc19-osl

#5 - External Pexip Node information

System Location name: **Enterprise DMZ**

Name	Hostname	Domain Suffix	SIP TLS FQDN	Comment
edge.vc19-osl.pexip.net	edge	vc19-osl.pexip.net	edge.vc19-osl.pexip.net	Proxying Edge Node (initially Transcoding Node)

Network Details:

Primary Interface	
IP address	10.247.170.191
Network Mask	255.255.255.0
VM Network	Training_Edge_Int
FQDN	edge-int.vc19-osl.pexip.net

Secondary Interface	
IP address	10.247.160.119
Network Mask	255.255.255.0
VM Network	Training_Edge_Ext
FQDN	

Default Gateway	10.247.160.1
IPv4 static NAT address	91.90.42.119

Static Route	
Route name	Edge to Internal
Destination Network	10.247.180.0
Network Prefix	24
Route Gateway	10.247.170.1

Common configuration details for external/DMZ devices, configured in the **Enterprise DMZ** System Location:

DNS	1.1.1.1 1.0.0.1
NTP	0.pexip.pool.ntp.org 3.pexip.pool.ntp.org

#6 - Skype for Business infrastructure information

SfB FEP FQDN	sfb-osl.pexip.net
SfB domain	pexip.net
Site ID	3
Group name	vc19-osl

#7 - DNS SRV and A records details

Using the lab guide and the information above, create the DNS records in the TXT file in the "**Pexip\Group Upload\vc19\DNS_Records.txt**" file (within the RDP session).

When DNS records are created, verify at https://dns.pexip.com

#8 - Pexip General Licenses

Combination License	SMP3 eXSV TAWz 6vye HF5T YA==	
Included Feature	Capacity	50
	Audio Only Capacity	10
	Google Meet	2
	Teams CVI	1
	Virtual Meeting Room	3000
	Scheduling	1

#9 - LDAP Authentication information

LDAP Server address	dc1-osl.pexip.net
LDAP Bind username	vc19user1@pexip.net
LDAP Bind password	Pexip123
LDAP Base DN	dc=pexip,dc=net
LDAP all user group	PEXIP-LDAP-AUTH
LDAP Group DN read/write admin group	User1 and User3 Admins
LDAP Group DN read only admin group	User2 Admins

#10 – LDAP Sync information

LDAP Server address	dc1-osl.pexip.net
LDAP Bind username	vc19user1@pexip.net
LDAP Bind password	Pexip123

#11 – Google Hangouts Integration Information

Google Meet	https://meet.google.com
Username	vc19user@g.pexip.net (only a single user account here)
Password	DJHkj@bKkj324
Pexip Hangouts Interop License	Included in combine single license
Google Prefix	19
Google Trusted Token	OUg_pBBl5uk
Google Untrusted Token	wPTItmm5wEk

#12 – Microsoft Teams Integration Information

Pexip Teams Interop License	Included in combine single license
MS Teams Tenant ID	7312139c-2192-4492-bdf2-7222daec4108
MS Teams Tenant Name	Pexip.net Training Teams Tenant
Teams Connector Name	Training Teams Connector
Teams Connector FQDN	pexip-teamsconn.teams.pexip.net
Teams Connector Port	443
MS Teams Usernames	vc19user1@pexip.net vc19user2@pexip.net vc19user3@pexip.net
MS Teams User Password	DJHkj@bKkj324
Azure Event Hub connection string	Endpoint=sb://pexacad1eu-zlefxqqlpj-ehn.servicebus.windows.net/;SharedAccessKeyName=pexip_teams_connector_access;SharedAccessKey=Z2198o+mTDJw+taoMVue+GbHH3UMIin3lIdd3TYxrEw=