

# LDAP Module Deployment

05 May 2024





TM and copyright © 2010-2024 Imagicle spa

# Table of Contents

LDAP Module Deployment	/7
How to deploy Imagicle LDAP Module using relevant Virtual Appliance	/7

# LDAP Module Deployment

How to install an Imagicle LDAP Module appliance starting from relevant OVA file for VMware.

### How to deploy Imagicle LDAP Module using relevant Virtual Appliance

### **Applies to:**

Imagicle LDAP Module

### **Description**:

Imagicle LDAP Module download link can be requested to Imagicle solution specialist team.

Once Imagicle LDAP VA has been downloaded, please run vSphere/ESX admin console and select "Deploy OVF Template"

Browse disk for Imagicle OVA file and select it.

Enter a name for new VM and select the deployment location (see sample below)

-	Deploy OVF Template		(?) >>
~	1 Select template	Select name and location	
	2 Select name and location	Enter a name for the OVF and select a deployment location.	
	3 Select a resource	Name Imagicle LDAP Module - rev 27	
	4 Review details	Filter	
	5 Select storage	Select a datacenter or folder	
	6 Ready to complete	▼	
		D 🄚 Imagicle	

Next step requires to select a host where to deploy Imagicle LDAP

Please make sure that selected host has enough hardware resources to allocate new Imagicle VM. Please consider the following sizing guideline for the Imagicle LDAP VM, based on the total number of users you need to handle:

No. of users	vCPUs	CPU reservation (GHz)	ram (GB)	vHDD (GB)
<= 2,500	2	3	4	40
<= 5,000	2	4	4	40
<= 10,000	4	5	4	60
<= 25,000	4	6	8	60
<= 50,000	4	8	8	80
<= 100,000	4	10	8	100

🍘 Deploy OVF Template		(? H
<ul> <li>1 Select template</li> <li>2 Select name and location</li> </ul>	Select a resource Select where to run the deployed template.	
<ol> <li>Select a resource</li> <li>Review details</li> <li>Select storage</li> <li>Ready to complete</li> </ol>	Filter         Browse           Select a host or cluster or resource pool or vapp.                √ Imagicie                 № 192.168.204.22                 № 192.168.204.24                 № 192.168.205.21                 № ① 192.168.205.21	
	▶   DEV ▷   TEMP	

Next step starts the validation process, to check OVA integrity and required resources

If validation is successful, a detail summary is displayed (see sample below)

### Hit Next to continue

🍘 Deploy OVF Template			? >>
<ul> <li>1 Select template</li> <li>2 Select name and location</li> </ul>	Review details Verify the template	e details.	-
<ul> <li>3 Select a resource</li> <li>4 Review details</li> </ul>	Publisher Download size	<ul> <li>No certificate present</li> <li>1,6 GB</li> </ul>	:
<ul><li>5 Select storage</li><li>6 Select networks</li><li>7 Ready to complete</li></ul>	Size on disk	4,3 GB (thin provisioned) 20,0 GB (thick provisioned)	_
•		Back Next Finish Ca	ancel

Next step allows you to select storage datastore

Pls. select one location which includes enough disk space to allocate Imagicle LDAP Module

Hit Next to continue

<ul><li>1 Select template</li><li>2 Select name and location</li></ul>	Select storage Select location to store the files	for the deployed template.				
<ul> <li>3 Select a resource</li> </ul>	Select virtual disk format Thi	ck provision lazy zeroed	•			
<ul> <li>4 Review details</li> </ul>	Show datastores from Stora	ge DRS clusters 🚯				
5 Select storage	Filter					
6 Select networks 7 Ready to complete	Datastores Datastore Clus	sters				
				No.	Q Filter	•
	Name	1 A Status	VM storage policy	Capacity	Free	
	🔘 🗐 datastoreFJU1	<ul> <li>Normal</li> </ul>	-	931,25 GB	330,88 GB	
	● ■ FujitsuSSD1	Normal	-	476,75 GB	36,07 GB	
	O 🛃 FujitsuSSD2	🔥 Warning	-	476,75 GB	71,1 GB	
	○ ■ wdgold4tb	Normal	-	3,64 TB	3,54 TB	
•						
				Back	Next Finish C	Cance

Next step allows you to select destination IP network

Pls. select the destination network which allows LDAP Module to reach IP Telephony infrastructure and Imagicle Suite server

Hit Next to continue

🎲 Deploy OVF Template		(	D H
<ul> <li>1 Select template</li> <li>2 Select name and location</li> </ul>	Select networks Select a destination network for each source ne	twork.	
✓ 3 Select a resource	Source Network	Destination Network	
4 Review details	VM Network	SUPPORT	7
✓ 5 Select storage			
6 Select networks			
7 Ready to complete			
	Description - VM Network		
	The VM Network network		
•			•
		Back Next Finish Cance	el

Next step displays a detail summary of the whole VM configuration

Please carefully check settings and, if they are correct, hit Finish to start actual deployment

<ul> <li>1 Select template</li> <li>2 Select name and location</li> </ul>	Ready to complete Review configuration data.		-
✓ 3 Selecta resource	Name	Imagicle LDAP Module - rev 27	
4 Review details	Source VM name	Imagicle LDAP Module - rev 27	:
<ul> <li>5 Select storage</li> </ul>	Download size	1,6 GB	
<ul> <li>6 Select networks</li> </ul>	Size on disk	20,0 GB	
7 Ready to complete	Datacenter	Imagicle	
	Resource	TEMP	
	<ul> <li>Storage mapping</li> </ul>	1	
	<ul> <li>Network mapping</li> </ul>	1	
	<ul> <li>IP allocation settings</li> </ul>	IPv4, Static - Manual	

Once VA deployment is accomplished, please start new VM and access to relevant console window

Linux IP address configuration screen appears. Pls. use arrow keys to select "StaticIP" option and press <ENTER>

TurnKey GNU/Linux Configuration Console	
eth0 configuration	
Network adapter is not configured	
DHCP Configure networking automatically StaticIP Configure networking manually	
Select> < Back >	

Compile Network settings window with a static IP address and other network parameters. Use <TAB> and arrow keys to navigate.

Once network settings are correctly compiled, select "Apply" option and press <ENTER>

mKey GNU/Linux Configuration Conso	ole
	Network settings
Static IP config	uration (eth0)
IP Address	192.168.204.196
Default Gateway	192.168.204.1
Name Server	192.168.204.254

A new Linux window appears, including a summary of all network parameters previously entered.

Select "Back" and hit <ENTER>.

TurnKey GNU/Linux Co	onfiguration Cons	ole				
		eth0 config	uration			
		Contro Contrag	ar a o ron			
	IP Address:	192.168.204.	196			
	Netmask:	255.255.255.	0			
	Default Gateway:	192.168.204.	1			
	Name Server(s):	192.168.204.	254			
	Networking config	guration meth	od: static			
	DHCP	Configure net	working auto	natically		
	Staticir	configure net	working Manua	arry		
	-					
					-	
	<s(< th=""><th>elect&gt;</th><th>&lt; Back &gt;</th><th></th><th></th><th></th></s(<>	elect>	< Back >			

Linux configuration console Advanced Menu appears.

Pls. use arrow keys to select "Quit" option and press <ENTER> to exit configuration.

Now you can close VM console

# Advanced Menu TurnKey GNU/Linux OPENLDAP Advanced Menu Networking Configure appliance networking Reboot Reboot the appliance Shutdown Shutdown the appliance Muit Quit Quit Select>

If deployment has been successfully accomplished, you can easily check web portal access, by opening a web browser and type the following URL: http://<LDAP\_IP\_Address>

Login page appears. Default administrator credentials are:



Username: adminPassword: Imagicle0

If you need to change IP addressing of the VM and you have already closed the configuration console, you can reboot the virtual machine, the configuration console will be shown at every boot.