

Avaya SDM Client

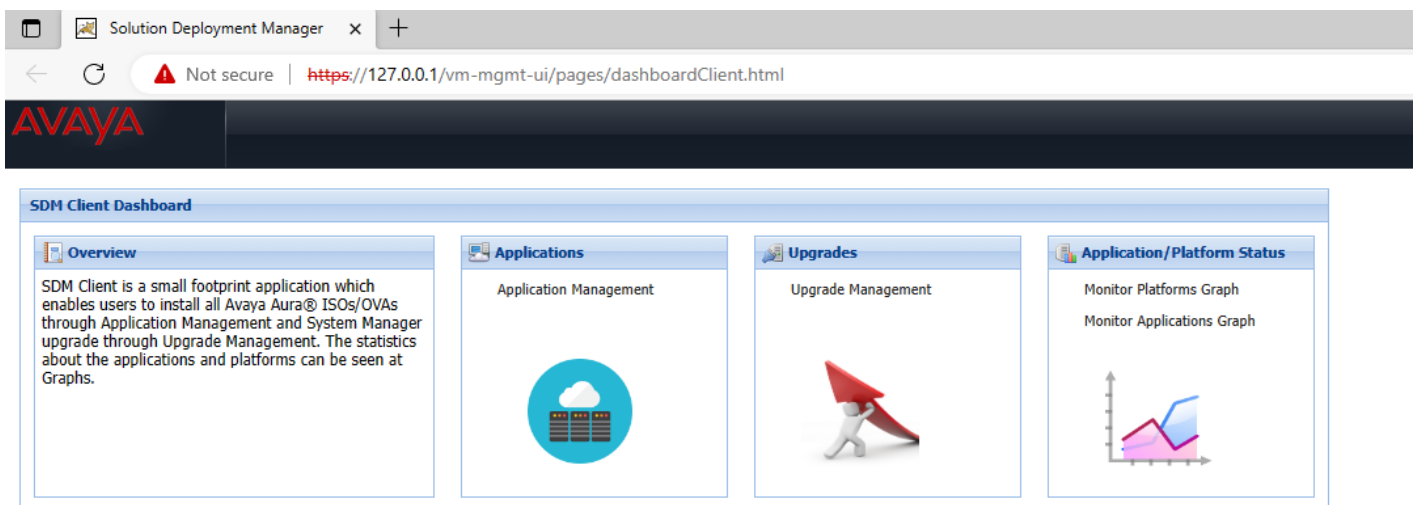
- [Avaya SDM Client - ESXI integration](#)
- [Avaya SDM Client - System Manager ova deployment](#)

Avaya SDM Client - ESXI integration

Prerequisites

- Server with vSphere ESXi installed
- ESXi License with *vSphere API* enabled (the free one doesn't work)
- Avaya SDM client on Windows
- Local DNS Services

Afer SDM installation go to Applications



Go to applications and add new location, choose a name and save

App Management x +

Not secure | <https://127.0.0.1/vm-mgmt-ui/index.html>

AVAYA
SDM Client 10.1.2.0

Home | Help | About

Application Management Tree

Application Management

home

Unknown location Platform mapping

Monitor Platforms

Monitor Applications

Map vCenter

Job History

Upgrade Management

Configure Remote Syslog Profile

Kickstart Generation

Pre-staging

1 Location Management

2 Platform Management

3 Application Management

Locations Applications

New Location

Required Location Information

*Name: Home

Avaya Sold-To #:

Address:

City:

State/Province/Region:

Zip/Postal Code:

Country:

Optional Location Information

DefaultGateway:

DNS Search List:

DNS Server1:

DNS Server2:

NetMask:

NtpServer:

Save Cancel

go to platforms and add a new platform

Application Management Tree

Application Management

home

esxi

1 Location Management

2 Platform Management

3 Application Management

Note: Operations that you can perform on platforms or applications depend on the platform and vCenter certificate status. To get the latest certificate status, click Refresh or select Auto Refresh. While the system gets the latest certificate status, operations use the data in the local database. Platform License State would be updated in System Manager DB from "Refresh Platform" functionality.

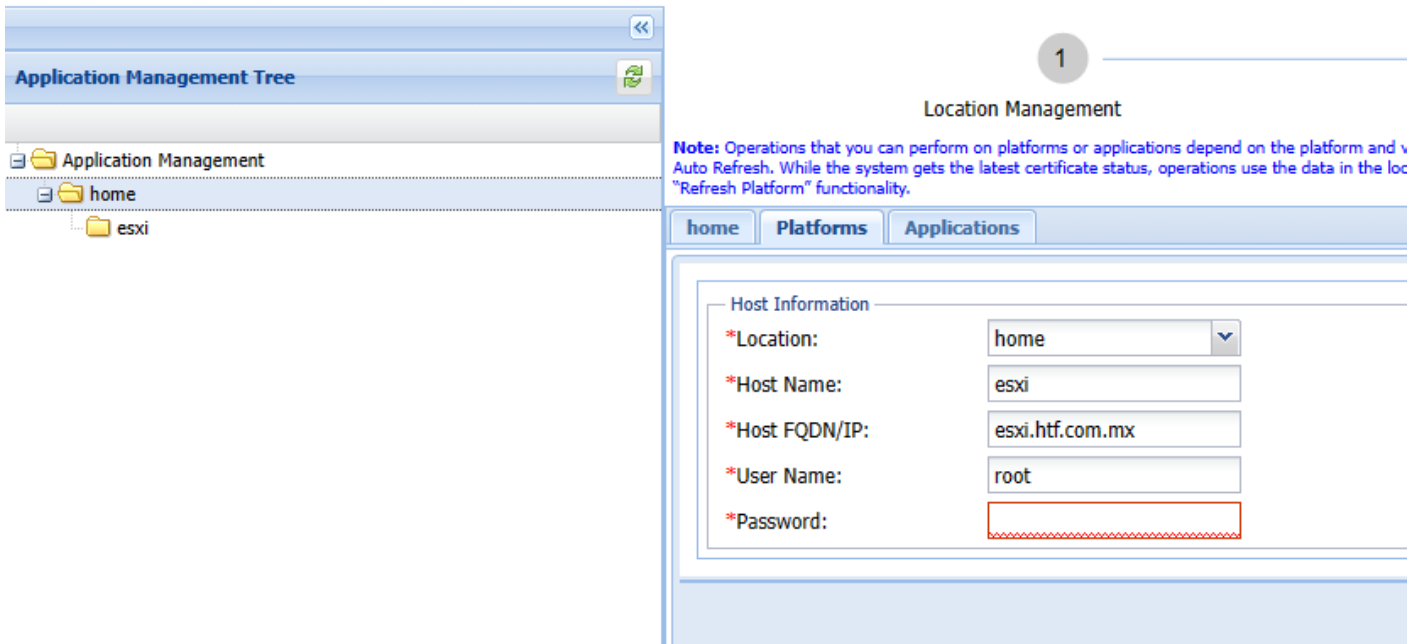
home Platforms Applications

Platforms for Selected Location home

Add Edit Remove Change Network params Refresh Host More Actions Auto Refresh

Platform Name	Platform IP	Platform FQDN	IPv6	vCenter FQDN	Current Action	Last Action	License Status	Platform Version	Offer Type
esxi	192.168.10.204	esxi.hf.com.mx			Create/Update Completed Status Details	HOST_ADD_UPDATE	expires NEVER	ESXi 7.0.3.0	Customer VE

You need to specify a FQDN if you choose IP the certs will fail, make sure the hostname match your esxi server and your fqdn responds then save.



if you need to rehost your ESXI server or reegenerate your

```
[root@esxi:~] esxcli system hostname set --host=esxi
[root@esxi:~] esxcli system hostname set --fqdn=esxi.htf.com.mx
[root@esxi:~] /sbin/generate-certificates
[root@esxi:~] /etc/init.d/hostd restart && /etc/init.d/vpxa restart
watchdog-hostd[528910]: Terminating watchdog process with PID 528633
hostd stopped.
hostd started.
watchdog-vpxa[528967]: Terminating watchdog process with PID 528666
vpxa stopped.
vpxa started.
```

after you sync SDM client with esxi you can go to applications to deploy system manager

Avaya SDM Client - System Manager ova deployment

Go to home/esxi/applications

add new application

The screenshot displays the Avaya SDM Client 10.1.2.0 interface. On the left, the 'Application Management Tree' shows a hierarchy: 'Application Management' > 'home' > 'esxi'. The main panel is titled 'Location Management' and includes a note about operations depending on platform and application status. Below the note are tabs for 'home', 'Platforms', and 'Applications'. The 'Applications' tab is active, showing 'Applications for Selected Location home'. This view includes a toolbar with 'New', 'Edit', 'Delete', 'Start', 'Stop', 'Show Selected', and 'VM' icons. Below the toolbar is a table with columns: 'Application Name', 'Application IP', 'Application FQDN', and 'Applicat'.

Application Name	Application IP	Application FQDN	Applicat
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Select your platform (esxi on our case) and your data store

Application Deployment

Steps for Deployment

Location & Platform Details

OVA/ISO Details

Config Parameters

Select Location and Platform

Select Location:home

Select Platform:esxi

Before starting the new VM deployment, you must perform the Refresh Host operation on the selected host.

Platform FQDN:esxi.htf.com.mx

To deploy the virtual machine with Out of Band Management (OOBM), ensure that OOBM is enabled on AVP or Host.

Data Store:mirror

Capacity Details

Name	Full Capacity	Free Capacity	Reserved Capacity	Status
mirror	14 GB	13 GB		
CPU	69521 MHz	69521 MHz		
CPU Cores	20	20		
Memory	18113 Mb	18113 MB		
PerCPU Capacity	3696 MHz			

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Select browse, search your local PC for the system manager ova and click ok, wait until it reach 100% then click submit file

App Management

Not secure | https://127.0.0.1/vm-mgmt-ui/index.html

AVAYA

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Application Management T

Application Management

home

esxi

Unknown location Platform

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Application Deployment

Steps for Deployment

Location & Platform Details

OVA/ISO Details

Config Parameters

* OVA

Service or Feature Pack

URL / Local Path

SW Library

Browse

Browse Pre-stage Location

ME Deployment

Select OVA :

BrowseSubmit File

SMGR-10.1.0.0.537353-e7c4.4 gb (7%)Cancel

Flexi Footprint:

Capacity Details

Name	Full Capacity	Free Capacity	Reserved Capacity	Status
mirror	14 GB	13 GB		
CPU	69521 MHz	69521 MHz		
CPU Cores	20	20		
Memory	18113 Mb	18113 MB		
PerCPU Capacity	3696 MHz			

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Next >>

Fill out details for System manager, remember to setup root password, scroll down and last option is where you enable root.

Application Deployment

Steps for Deployment

- Location & Platform Details
- OVA/ISO Details
- Config Parameters

* Configuration Parameters

* Network Parameters

Application Name: sysmgr

Product: Avaya Aura(R) System Mar

Version: 10.1.0.0.537353

Publisher: Avaya Inc.

Management Network Settings

- * Management IPv4 Address (or Out of Band Management IPv4 Address) : 192 · 168 · 10 · 210
- * Management Netmask : 255 · 255 · 255 · 0
- * Management Gateway : 192 · 168 · 10 · 1
- * Enter the IP Address of DNS server: [Multiple IP's separated by comma] : 192.168.10.1
- * Management FQDN : sysmgr.htf.com.mx
- IPv6 Address: (Optional). Enter the Management interface IPv6 Address.
- IPv6 Network Prefix: 64
- IPv6 Gateway: (Optional). Enter the Management interface Gateway IPv6 Address.
- Enter the Default Search List (optional):
- Provide NTP Server IP/FQDN [Multiple IP or FQDN separated by comma] (optional):
- Please select the Time Zone : America/Monterrey

Public Network Settings

- Public IP Address: (Optional). Enter the IPv4 Address to enable public access on different interface
- Public Netmask: (Optional). Enter the Public interface IPv4 Netmask
- Public Gateway: (Optional). Enter Public interface Gateway IPv4 Address
- Public FQDN: (Optional). Enter the Public interface Fully Qualified Domain Name
- Public IPv6 Address: (Optional). Enter the Public interface IPv6 Address.
- Public IPv6 Network Prefix: 64

igmt-ui/index.html#

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Setup network parameters and click deploy

Application Deployment

Steps for Deployment

- Location & Platform Details
- OVA/ISO Details
- Config Parameters

* Configuration Parameters

* Network Parameters

Network Parameters Configuration allows to map VM network interfaces to existing network interfaces on the host, as applicable to the VM under deployment.

Select a Network Mapping for VM Network Interfaces:

- * Out of Band Management : VM Network [vmnic0]
- * Public : VM Network [vmnic0]

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