

Quick Install for Avaya Aura® Device Services

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Chapter 1. Assumptions for installing Avaya Aura® Device Services

- LDAP is configured with users for authentication.
- System Manager is installed and configured.
- One or multiple Session Manager instances are installed and configured.
- Avaya Aura® Device Services OVA is deployed on same or different host than the one with Session Manager, but within a small latency.
- Avaya Aura® Device Services instance is added to System Manager inventory.
- Session Manager is paired with Avaya Aura® Device Services node.

Chapter 2. Avaya Aura® Device Services Pre-deployment

Adding Data Center

- 1. Log in to System Manager Web Console.
- 2. Go to Elements -> Session Manager.

ra [®] System Manager 7.0		Last Logged on at December 7, 2016 4:06 G0
tome	🔹 Elements	Services
Administrators Directory Synchronization Groups & Roles User Management User Provisioning Rule	Avaya Breeze** Communication Manager Communication Server 1000 Conferencing Device Services IP Office Media Server Meeting Exchange Messaging Presence Routing Session Manager Mork Assignment Session Manager Administration, Status, Maintenance and Performance Management	Backup and Restore Bulk Import and Export Configurations Events Geographic Redundancy Inventory Licenses Replication Reports Scheduler Security Shutdown Solution Deployment Manager Templates Tenant Management

Figure 1: System Manager Web Console

3. In the left navigation pane, click **System Status** tab.

ssion Manager	Home / Element	ts / Session Manager / System Status	
Dashboard	System S	tatus	
Administration	Sub Pages		
Communication	Action	Description	Help
Profile Editor Network Configuration Device and Location	SIP Entity Monitoring	View Session Manager SIP Entity Link monitoring status.	SIP Monitoring Status Summary Page Fields Session Manager Link Status Page Fields SIP Entity Link Status Page Field
Configuration	Managed Bandwidth Usage	Displays system-wide bandwidth usage information for locations where usage is managed. The details expansion shows the breakdown of usage among Session Manager Instances.	Managed Bandwidth Page Fields
Configuration System Status	Security Module Status	View Security Module status and perform actions on Security Modules for Core and Branch Session Manager instances.	Security Module Status Page Fields
SIP Entity Monitoring	SIP Firewall Status	View SIP Firewall rule execution status from Security Modules	Page Fields Auditing Configuration
Managed Bandwidth Usage	Registration Summary	View per-Session Manager registration status and send notifications to AST devices.	Registration Summary Page Fields Device Failback
Security Module Status	User Registrations	View detailed user registration status and send notifications to AST devices.	User Registrations Page Fields Device Failback
Registration Summary	Session Counts	View per-Session Manager and system wide session counts.	Session Counts Export Session Counts Page Fields
User Registrations Session Counts User Data Storage System Tools Performance	User Data Storage	View status, backup and restore Session Manager User Data Storage	User Data Storage and Data Center management Cassandra dustering and data replication overview Data Server Status field descriptions Backup and Restore field descriptions

Figure 2: System Status

4. In the **System Status** menu, in **User Data Storage**, click the **Data Center** tab, and then click **New**. The system displays the **Edit Data Center** page.

AVAYA Aura [®] System Manager 7.0				Last Logged on at December 8, 2016 1:15 PM
Home Session Manager	×			
Session Manager	Home / Element	s / Session Manager / System Status /	User Data Storage	0
Dashboard	~			Help ?
Session Manager	User Data	Storage		
Administration	Management, mor Managers	hitoring, backup and recovery of Data Storage	e on Session	
Communication				
Profile Editor	Data Server S	tatus Data Center Backup and Res	tore	
 Network Configuration 	💿 New 🥖	Edit 📃 View 🤤 Delete		
Device and Location Configuration	2 Items 🏾 🍣			
	Details	Data Center	Description	# of assigned SMs
Configuration	Show	AADS Dev	AADS Dev DC	2
▼ System Status	□ ► Show	Data1		0
SIP Entity	Select : All, Non	e		
Monitoring				
Managed				
Bandwidth Usage				
Security Module				
Status				
SIP Firewall Status				
Registration				
Summary				
User Registrations				
Session Counts				
User Data Storage				
▹ System Tools				
Performance				

Figure 3: User Data Storage

5. In the **Name** field, type the name of the data center. In the **Description** field type the description about the data center. Click **Commit**.

AVAVA Aura [®] System Manager 7.0				Last Logged on at Dec G0	ember 8, 2016 1:15 PM
Home Session Manager	×				
Session Manager	Home / Elements / Session Manager / System Status / Us	ser Data Storage			0
Dashboard	Edit Data Center		Commit Cancel		
Session Manager Administration	Edit or view Data Center. Assign, reassign, and unassign SMs with Centers.	1 Data	connic		
Communication Profile Editor	*Name AADS_Dev_DC				
▶ Network					
Configuration	SMs in Data Center				
Device and Location	0 Items 🗠				
Configuration	Data Center	SM	Description		
▶ Application	No records Found				
	SMs unassigned or assigned to other Data Ce	nter			
STD Entity	2 Items 🛛				
Monitoring	Data Center	SM		Description	
Managed	AADS_Dev 🗸	aads-55		AADS-SM-55	
Bandwidth Usage	AADS_Dev 🗸	AADS-SM-53		AADS Dev SM	
Security Module					
Status					
SIP Firewall Status					
Registration					
Summary					
User Registrations					
Session Counts					
User Data Storage					
System Tools					
Performance					

Figure 4: Edit Data Center

You can see the new Data Center added.



Figure 5: User Data Storage

Assigning Session Manager to Data Center

- 1. Go to Session Manager -> Session Manager Administration.
- 2. Click the **Session Manager Instances** tab. Select a Session Manager instance and click **Edit**. The system displays the **Edit Session Manager** page.

AV Aura®	System Manager 7.0						Last Logged on at De G0	ecember 8, 2016 1:15 PM
Hom	e Session Manage	r ×						
- s	ession Manager	♦ Home	e / Elements /	Session Mana	iger / Session Manager Adminis	tration		0
	Dashboard							Help ?
	Session Manager Administration	Se: This p their g	ssion Mai bage allows you t global settings.	nager Ac	Iministration ession Manager instances and config	jure		
	Profile Editor	Glot	bal Settings	Session Man	ager Instances Branch Ses	sion Manager Instances		
•	Network	Ses	ssion Manag	er Instanc	es			
 →	Device and Location	Ne	w View	Edit Dele	te			
	Configuration	2 It	ems 👌					Filter: Enable
•	Application Configuration		Name	License Mode	Primary Communication Profiles	Secondary Communication Profiles	Maximum Active Communication Profiles	Description
	System Status	0	aads-55	Normal	0	1	1	AADS-SM-55
	SIP Entity	0	AADS-SM-53	Normal	8	0	8	AADS Dev SM
	Monitoring	Sele	ect: None					
	Managed							
	Bandwidth Usage							
	Security Module							
	Status							
	SIP Firewall Statu	IS						
	Registration							
	Summary							
	User Registration	5						
	Session Counts							
	User Data Storage	e						
•	System Tools							
►	Performance							

Figure 6: Session Manager Administration

3. To assign Session Manager to data center, under the **General** section, from the **Data Center** drop-down list select the data center name that was created. Click **Commit**. This will assign Session Manager to data center.

AVAYA Aura [®] System Manager 7.0			Last Logged on at December 8, 2016 1:15 PM GO FLog off admin
Home Session Manager	×		
Session Manager	Home / Elements / Session Manager / Session Manage	r Administration	0
Dashboard			Help ?
Session Manager	Edit Session Manager	Commit C	Cancel
Administration	Constal - Security Medule - Manitering - CDR - Personal	Profile Manager (PPM) Connection Settings Ev	iont Sonior I
Communication	Expand All Collapse All	Profile Manager (PPM) - Connection Settings Ev	Server
Profile Editor	General 💌		
▶ Network Configuration	SIP Entity Name	aads-55	
Device and Location	Description	AADS-SM-55	
Configuration	*Management Assess Deite Hast Name /ID	10 11 10 105	
 Application 	Management Access Point Host Name/IP	10.11.12.125	
Configuration	*Direct Routing to Endpoints	Enable 🗸	
▶ System Status	Data Center	None	
SIP Entity	Avava Aura Device Services Server Pairing	None	
Monitoring	Maintenance Mode	AADS_Dev DC	
Managed		Data1	
Bandwidth Usage	Security Module 🔹		
Security Module	SID Entity ID Addross	125 27 175 40	
STD Firewall Status	Sietures Mark	255 255 255 0	
Registration	-Network Mask	255.255.255.0	
Summary	*Default Gateway	10.11.12.1	
User Registrations	*Call Control PHB	46	
Session Counts	*SIP Firewall Configuration	SM 6.3.8.0 ~	
User Data Storage	Monitoring .		
▹ System Tools	Fashla Manitarian		
Performance			
	*Proactive cycle time (secs)	900	
	*Reactive cycle time (secs)	120	
	*Number of Tries	1	
	CDR .		

Figure 7: Edit Session Manager

Chapter 3. Avaya Aura® Device Services Deployment

OVA deployment through vSphere Client

1. Open the vSphere client and click File -> Deploy OVF Template.



Figure 8: Deploy OVF Template

2. In the Deploy OVF Template window, type the URL in the **Deploy from a file or URL** field. Click **Next**.

File Edit View Inventory Admin	tration Plug-ins Help		
🔄 💽 🏠 Home 🕨 🛃 Inv	ntory 🕨 🎁 Inventory		
RT 65			
H 10.11.12.123	vmware-amm.apac.avaya.com VMware ESXi, 5.5.0, 133: Getting Start	1820	
	Configura SSH for the General	-	
	Manufactur Source Model: OVP Template Details Name and Location Processor T Processor T Dick Format Ready to Complete Dick License: Dick Format Processor S Entropiction Cores per S Entropiction Logical Proc spectration Hyper three nell Number of I State: Virbun Mach VMvare EVI VSphere HA Host Config Active Task Host Profile Image Profile Image Profile Command Image Profile	aloy from a file or URL a/Dstra/AAD5/7.01.10:99/sadc:7.01.10:3945_0VF10xov(Prowse er a URL to download and install the OVF package from the Internet, or affy a location accessible from your computer, such as a local hard drive, a work share, or a CO/DVD drive.	
	Inter Help Help Help Shutdown Help	< Back Next >	Cancel
Recent Tasks			Name, Target or Status contains: - Clear
Name Target	Status Details Initiated by	Requested Start Time	
🔄 Tasks			root

Figure 9: Deploy OVF Template Source

 In the OVF Template Details window, verify the details of the Avaya Aura® Device Services OVF template and click Next. The system displays End User License Agreement window.



Figure 10: OVF Template Details

4. Read the license agreement and click **Accept**. Click **Next**. The system displays the Name and Location window.



Figure 11: End User License Agreement

5. In the **Name** field, type the name of the new OVA and click **Next**. The system displays the **Deployment Configuration** window.



Figure 12: Name and Location

6. In the **Configuration** field, click on the Avaya Aura® Device Services profile that matches your requirement, and click **Next**.

<u>F</u> ile <u>E</u> dit	it Vie <u>w</u> I <u>n</u> ventory <u>A</u>	dministration Plug	j-ins <u>H</u> elp											
E	📓 🔥 Home 🕨 👸	🔋 Inventory 🕨 🇊	Inventory											٦
st @														
10	0.11.12.123	vmware-am	1m.apac.avaya.co	m VMware ES	5Xi, 5.5.0, 1331	1820								
		Getting Star	🕜 Deploy OVF	Template					- 0	×				<u>^</u>
		Configura SSH for th	Deployment Select a de	Configuration ployment confi	n guration.									
		Gelleral												
		Manufactur	Source		-									
		Model:	OVF Template	<u>Details</u>	Configura	ition:								
		Processor T	 <u>End Oser Licera</u> <u>Name and Loca</u> 	ation		0 Profile 1 Max Devices 750	*							
		License:	Deployment Disk Format	Configuratio	AADS 7.0 AADS 7.0	0 Profile 5 Max Devices 5,24 0 Profile 1 Max Devices 750	0 devices. Thi	is deployment will need 6	6 vCPUs and 4	. 5GB				
		Processor S	Ready to Comp	plete	AADS 7.0	0 Profile 3 Max Devices 2,10	õ							
		Cores per S	5		AADS 7.0	0 Profile 4 Max Devices 3,00	0							
		Logical Proc	c											
		Hyperthrea												
		State:	1											
		Virtual Mac	r											
		vMotion En	ië											
		VMware EV	w.							_				
		vSphere HA	۵											
		Host Config	Þ							_				
		Active Task	<											
		Host Profile	2											
		Image Prof	1											
		DirectPath	1							_				
		Command								_				
		Command								_				
		In New V	1											
		New R	<	>										
		1 Enter	Help					< Back Next	t >	Cancel				
		Reboo	,				-							
		Shutd	Óvwr i											¥
Recent Ta	asks								Nan	me, Target or S	atus contains:	•	Clear	×
Name	T	arget	Status	Details	Initiated by	Requested Start Time				Start Tim	e	Completed Time		
Tasks	5												100	at
10010	-												100	-

Figure 13: Deployment Configuration

7. In the Disk Format window, select the desired disk format and click Next. Eile Edit View Igventory Administration Elug-ins Help



Figure 14: Disk Format

8. In the Network Mapping window, ensure that the correct network available for that virtual machine is selected, and click **Next**. The system displays **Ready to Complete** window.

ijle £dit Vie <u>w</u> Igventory Administration ⊉lug-ins <u>H</u> elp	
A Home b and Inventory b [3] Inventory	
तो <i>क</i>	
10111212123 umware-anum anac avaiva com VMware ESVI 5.5.0.1331820	
Deploy OVF Template - X	^
Configura Network Mapping	
What networks should the deployed template use?	
General	
Manufactur Source	
Model: OVF Template Details Map the networks used in this OVF template to networks in your inventory	
Process T Lives of Automining Source Networks Destination Networks	
Decloyment Configuration Out of Band Management VM Network	
Network Mapping Public VM Network	
Processor S Ready to Complete	
Logical Proc	
Hyperthrea	
Number of I State	
Virtual Mad	
vMotion En	
Vitware EVI	
VSphere HA Warning: Multiple source networks are mapped to the host network: VM Network	
Host Config	
Active Task	
Host Profile Toxage Profile	
Profile Com	
DirectPath 1	
Command	
egg New Vi	
0 Help	
Stuttom.	
ccent Tasks Name, Target or Status contains: • Clear	×
ame Target Status Details Initiated by Requested Start Time T Start Time Completed Time	-
Tasks r	oot

Figure 15: Network Mapping

9. (Optional) Click the Power on after deployment checkbox to start the Avaya Aura® Device Services automatically after deployment. Verify the deployment settings and click Finish.



Figure 16: Ready to Complete

10. After you click **Finish**, the system displays the progress of the tasks in the Deploying AADS window.



Figure 17: Deploying of AADS

- 11. After the deployment is complete, system displays **Deployment Completed Successfully** box.
- 12. In the Deployment Completed Successfully window, click the Close button.



Figure 18: Deployment Completed Successfully

13. Power on VM and go to the console tab. Accept the End User License Agreement (EULA).



Figure 19: Power on the VM

14. Read the End User License Agreement and type **yes** to accept the End User License Agreement.



Figure 19: Accept the EULA

15. After the EULA is accepted, the system displays below screen. Type 'y' to **Provide user** input configuration.



Figure 20: User Input Configuration

16. Enter the **Network settings** parameter for the new VM.

File Edit	View Inventory Admin	istration Plug-ins Help			
	A Home 🕨 🔊 Inv	ventory) 🕅 Inventory			_
	AADS_216 AADS-OVA-218 AMM RHEL 6.6	AADS_216 Getting Started Summary WFD Command Line Open	Resource Allocation Performance Events	Caused: Permissions	^
👰 !	DEV_Avaya Aura(R) Systen	Please give the follo	wing inputs	a 11 12 123	
🚆	VMware Studio (2) VMware Studio Holden	Please enter the Netr	mask to assign to the UM: 255.2	255.255.0	
- 👗 v	VMware vCenter Server Ap	Please enter the shor	rt hostname to assign to the U	1:aads216	
-		Please enter the doma	in name to assign to the UM:to	estconfig.com	
		Please enter the IP F	address of your default gateway address of your DNS server(s)	j; 10.11.12.1 [Multiple IPs separated by .(comma) 1:10.11.12.245.11.12.123.5	
		Please enter the defa	ult Search List (optional)[Mu	ltiple domain seperated by (comma) l:testconfig1.com,testconfig.com	
		Please provide NTP Se	erver IP or FQDN [Multiple IP (pr FQDN separated by ,(comma)]:10.11.12.2	
		Please select the Tim	ne Zone Detail:		
		flease select a conti 1) Africa	(nent or ocean. 4) Arctic Ocean 7) Austra	lia 10) Pacific Depan	
		2) Americas	5) Asia 8) Europe		
		3) Antarctica	6) Atlantic Ocean 9) Indian	Ocean	
		#? 5			
		Please select a count	try.	2E) Paleating	
		2) Armenia	10) Israel 19) Janan	36) Philinnines	
		3) Azerbai jan	20) Jordan	32) Gatar	
		4) Bahrain	21) Kazakhstan	38) Russia	
		5) Bangladesh	22) Korea (North)	39) Saudi Arabia	
		6) Bhutan	23) Korea (South)	40) Singapore	
		7) Brunei	24) Kuwait	41) Sri Lanka	
		8) Cambodia	25) Kyrgyzstan	42) Syria	
		9) China	26) Laos	43) Taiwan	
		10) Cyprus	27) Lebanon	44) Tajikistan	
		11) East Timor	28) Macau	45) Thailand	
		12) Georgia	29) Malaysia	46) Turkmenistan	
1		13) Hong Kong	300 Mongolia	47) United Hrab Emirates	
1		14) Indanasia	31) Myanmar (Burma)	40) UZDERISTAN	
		16) Inan	33) Oman	50) Vietnam	~
<	>	<	357 Ontat	307 Teman	>
🚰 Tasks					root

Figure 21: Network Settings for new VM

17. Type the group name for the admin account and press Enter.



Figure 22: Group name for the admin account

18. Verify the Network Setting parameters. To continue, type "y" and press Enter.





19. After all the steps are successfully completed, the system displays a login prompt for the deployed **Avaya Aura® Device Services** VM.



Figure 24: Avaya Aura® Device Services VM login

Chapter 4. Avaya Aura® Device Services Post-deployment

Adding an Avaya Aura® Device Services instance to System Manager Inventory

1. On the System Manager Web console, click **Services** -> **Inventory**.

Administrators	Avaya Breeze™	Backup and Restore
Directory Synchronization	Communication Manager	Bulk Import and Export
Groups & Roles	Communication Server 1000	Configurations
User Management	Conferencing	Events
User Provisioning Rule	Device Services	Geographic Redundancy
	IP Office	Inventory Manage, discover, and
	Media Server	Licenses navigate to elements
	Meeting Exchange	Replication
	Messaging	Reports
	Presence	Scheduler
	Routing	Security
	Session Manager	Shutdown
	Work Assignment	Solution Deployment Manager
		Templates
		Tenant Management
		-

Figure 25: Inventory

2. In the left navigation pane, click **Manage Elements**. On the Manage Elements page, click **New**. The system displays the New Elements page.

eate Profiles and	Manage Elements Discovery					
scover SRS/SCS						
ement Type Access	🕰 Sta	tus				
bnet Configuration	Ма	nage Elements				
inage						
rviceability Agents						
nchronization	Elen	ients				
nnection Pooling		iew / Edit O New O Delete Get O	Urrent Status More Actions			
incetion roomig						
	12 It	12 Items 🤃 Show All New F				
		Name	Node	Туре	Device Type	
		aads-55	10.11.12.123	Session Manager	Session Manager	
		AADS-SM-53	10.11.12.124	Session Manager	Session Manager	
		AMM_10.133.32.6	aws-06.testconfig.com	Other Applications		
		Corporate Directory	10.11.12.125	UCMApp		
		IPSec	10.11.12.125	UCMApp		
		Numbering Groups	10.11.12.125	UCMApp		
		Patches	10.11.12.125	UCMApp		
		Secure FTP Token	10.11.12.125	UCMApp		
		smgr-aads-215.apac.avaya.com (primary)	10.11.12.125	UCMApp		
		SNMP Profiles	10.11.12.125	UCMApp		
		Software Deployment	135.27.164.215	UCMApp		
		System Manager	135.27.164.215	System Manager		
	Select : All, None					

Figure 26: Manage Elements

3. In the **General** section, from the **Type** field select **Avaya Aura Device Services**. The system refreshes the page and displays a **New Avaya Aura Device Services** page.

Create Profiles and	Manage Elements Discovery		
Discover SRS/SCS			Help ?
Element Type Access	🕰 Status		
Subnet Configuration	New Elements		Commit Cancel
▶ Manage			
Serviceability Agents	Comment *		
Synchronization	General		
Connection Pooling	General 💿		
	* 19	Select Type	
		Application Enablement Services	
		Avaya Aura Device Services	
	*Required	CS 1000 Terminal Proxy Server Communication Manager	Commit Cancel
		Conferencing	
		IP Office UCM or IP Office Application Server	
		Media Gateway Meeting Exchange and Conferencing 6.0	
		Messaging	
		Presence Services	
		Session Manager System Platform	
		Utility Services	
		Work Assignment	
L			

Figure 27: Select type
- 4. On the **General** tab, perform the following:
- a. In the Name field, type the Name of the Avaya Aura® Device Services server
- b. In the Node field, type the IP of the Avaya Aura® Device Services server.
- c. In the **Description** field, type the description of the Avaya Aura® Device Services servers.
- d. Go to the Attributes tab.

Discover SRS/SCS Element Type Access Subnet Configuration	A Status	Device Services				Commit	Help ?
Manage Serviceability Agents	•						
Synchronization	General * Attributes *	•					
Connection Pooling	General 💿						
		* Name AAD:	5_216				
		* Type Avay	a Aura Device Services		t		
		Description					
		* Node 10.1	1.12.123				
	Access Profile	New Ocopy O	Delete				
	2 Items						
	Name	Access Profile Type	Access Profile Sub Type	Protocol	Host	Port	Order
	AADSGeoWSURL Avaya Aura Device Services	URI	GRCommunication	jnp	localhost	443	0
	Select : None						
	Port •						
	*Required					Commi	it Cancel

Figure 28: New Avaya Aura® Device Services

- 5. On the Attributes tab, perform the following:
- a. In the **Login** field, type the admin login name to access the Avaya Aura® Device Services server This is the admin user provided during AADS OVA deployment.
- b. In the **Password** field, type the admin password to access the Avaya Aura® Device Services server This is the password provided during AADS OVA deployment.
- c. In the **Confirm Password** field, retype the admin password to access the Avaya Aura® Device Services server.
- d. In the Version field, type the Avaya Aura® Device Services base version (7).
- e. In the **Location** field, type the location of Avaya Aura® Device Services server. This is an optional field.
- f. Go back to the **General** tab.

Create Profiles and	Manage Llements Discovery	
Discover SRS/SCS		Help ?
Element Type Access	🕰 Status	
Subnet Configuration	New Avaya Aura Device Services	Commit Cancel
Serviceability Agents		
Synchronization	General * Attributes *	
Connection Pooling	Attributes 👻	
	* Login admin	
	* Password	
	* Confirm Password	
	* Version 7	
	Location	
	*Required	Commit Cancel
		· · · · · · · · · · · · · · · · · · ·

Figure 29: New Avaya Aura® Device Services

6. Select the TrustManagement access profile, and click Edit.

	Manage Elements Discovery					
Discover SRS/SCS	A charter					Help ?
Element Type Access	🕰 Status					
Manage	New Avaya Aura D	evice Services			Com	mit Cancel
Serviceability Agents						
Synchronization	General * Attributes *					
Connection Pooling	General 💿					
		* Name AA	DS 216			
		* Type Av	ava Aura Device Services	Reset		
		1/20 11				
		Description				
		Description				
				.:		
		* Node 10.	11.12.123			
	View / Edit O	New OCopy O	Delete			
	Name	Access Profile Type	Access Profile Sub Type	Protocol Ho	ost Por	t Order
	O AADSGeoWSURL	URI	GRCommunication	https	calhost 443	3 0
	Avaya Aura Device Services	URI	TrustManagement	jnp	129	99 0
	Select : None					
	Port					
	. or c					
	*Required				Com	mit Cancel

Figure 30: TrustManagement access profile

- 7. Leave the **Container type** field blank.
- 8. In the **Host** field, type the hostname of the Avaya Aura® Device Services server. Click **Save**.

Name	Access Profile Type	Access Profile Sub Type	Protocol	Host	Port	Ore
AADSGeoWSURL	URI	GRCommunication	https	localhost	443	0
 Avaya Aura Device Services 	URI	TrustManagement	jnp		1299	0
Select : None						
Assess Des Gla Distaila						
Access Profile Details						
	 Name Avay 	a Aura Device Serv				
	Access Profile Type Trus	tManagement \vee				
	* Container Type	~				
	* Protocol jnp	\sim				
	* Host ; aad	216.testconfig.com				
	* Port 1299)				
	Path None	9				
	* Order 0					
	Description					
	Description					
	Save Car	icel				
Port						
FOIL						
Required					Commi	t C

Figure 31: Access Profile Details

- To enable SSO login, you must add an access profile of type EMURL. To add an EMURL access profile, on the General tab, in the Access Profile section, perform the following:
- a. Click New.
- b. In the Access Profile Type field, click EMURL.
- c. In the Host field, type the Avaya Aura® Device Services server FQDN.
- d. In the **Port** field, type **8445**.
- e. In the Path field, type /admin.

Name	Access Profile T	ype Access Profile Sub Type	Protocol	Host	Port	Ord
O AADSGeo	VSURL URI	GRCommunication	https	localhost	443	0
 Avaya Aur Services 	a Device URI	TrustManagement	jnp	aads216.testconfig.com	1299	0
Select : None						
Analization Co.	atom Come atod Date a	1				
Application Sy	stem Supported Protoco	1 100				
	* Protoco					
Access Profile	Details					
	* Name	AADS_SSO				
	Access Profile Type	EMURL V				
	* Protoco	https 🗸				
	* Hos	aads216.testconfig.com				
	* Dor	9445				
	FOI					
	Pati	n /admin				
	* Orde	r 0				
	Description	1				
	Save	Cancel				
Port 🖲						
*Decuired					Comm	
*Required					Comm	

Figure 32: Access Profile Details

10. Click Commit.

onnection Pooling	General 🔹	* Name AAI * Type Ava	DS_216 aya Aura Device Services	R	eset	
		Description * Node 10.	11.12.123			
	Access Profile		Delete			
	2 Items	View Copy	Delete			
	Name	Access Profile Type	Access Profile Sub Type	Protocol	Host	Port Order
	AADSGeoWSURL	URI	GRCommunication	https	localhost	443 0
	Avaya Aura Device Services	URI	TrustManagement	jnp	aads216.testconfig.com	1299 0
	O AADS_SSO	URI	EMURL	https	aads216.testconfig.com	8445 0
	Port D					
	*Required					Commit Cance

Figure 33: Access Profile Details

11. The Avaya Aura Device Services instance is added to System Manager Inventory.



Figure 34: Manage Elements

Pairing Session Manager with an Avaya Aura® Device Services node

1. On the home page of the System Manager Web console, in **Elements**, click **Session Manager -> Session Manager Administration**

Users	s Elements		🔕 Services
Administrators	Avaya Breeze™		Backup and Restore
Directory Synchronization	Communication Ma	nager	Bulk Import and Export
Groups & Roles	Communication Se	rver 1000	Configurations
User Management	Conferencing		Events
User Provisioning Rule	Device Services		Geographic Redundancy
	IP Office		Inventory
	Media Server		Licenses
	Meeting Exchange		Replication
	Messaging		Reports
	Presence		Scheduler
	Routing		Security
	Session Manager	Session Manager	Shutdown
	Work Assignment	Maintenance and	Solution Deployment Manager
		Performance Management	Templates
			Tenant Management

Figure 35: Session Manager Administration

2. On the Session Manager Administration page, click the **Session Manager Instances** tab. In the Session Manager Instances section, select a Session Manager instance, and click **Edit.** The system displays the Edit Session Manager page.

AVA Aura [®] Syste	Manager 7.0					Last Logged on at De G0	icember 8, 2016 1:15 PM
Home	Session Manager	×					
▼ Sessio	n Manager 🛛	Home / Elements /	Session Mana	ager / Session Manager Administ	tration		0
Das	hboard						Help ?
Sess Adm	sion Manager inistration	Session Ma This page allows you their global settings	to administer S	Iministration ession Manager instances and config	ure		
Com Prof	munication ile Editor	Global Settings	Session Mar	ager Instances Branch Sess	ion Manager Instances		
▶ Netv	work	Session Mana	ger Instand	es			
Conf	figuration	New View	Edit Dele	te			
► Devi Conf	ice and Location	2 Items					Filter: Enable
► Appl	lication	Name	License Mode	Primary Communication Profiles	Secondary Communication Profiles	Maximum Active Communication Profiles	Description
Con	inguration	🔿 aads-55	Normal	0	1	1	AADS-SM-55
> Syst	iem Tools	AADS-SM-53	Normal	8	0	8	AADS Dev SM
> Perf	ormance	Select : None					
	ormanee						

Figure 36: Session Manager Instances

- 3. From **Data Center** select a data center **if one is not already assigned.** If you do not assign the Session Manager instance to a data center, the system displays the following message: Session Manager must be assigned to a Data Center to pair with an Avaya Aura® Device Services Server.
- 4. From **Avaya Aura Device Services Pairing** field, select an Avaya Aura® Device Services server to pair with Session Manager.
- 5. Click Commit.

AVAVA Aura [®] System Manager 7.0		Last Logged on at December 8, 2016 1:15 PM Go FLog off admin
Home Session Manager	×	
Session Manager	Home / Elements / Session Manager / Session Manage	er Administration
Dashboard		Help ?
Session Manager	Edit Session Manager	Commit Cancel
Administration Communication	General Security Module Monitoring CDR Personal Expand All Collapse All	Profile Manager (PPM) - Connection Settings Event Server
Profile Editor	General 👻	
Configuration	SIP Entity Name	AADS-SM-53
Device and Location	Description	AADS Dev SM
Configuration	*Management Access Point Host Name/IP	10.11.12.125
 Application Configuration 	*Direct Routing to Endpoints	Enable ~
System Status	Data Center	AADS_Dev_DC V
▶ System Tools	Avava Aura Device Services Server Pairing	AADS 216 V
▹ Performance	Maintenance Mode	None AADS_216
	Security Module 👻	
	SIP Entity IP Address	10.11.12.125
	*Network Mask	255.255.255.0
	*Default Gateway	10.11.12.126
	*Call Control PHB	46
	*SIP Firewall Configuration	SM 6.3.8.0 V
	Monitoring 💿	
	Enable Monitoring	
	*Proactive cycle time (secs)	900
	*Reactive cycle time (secs)	120
	*Number of Tries	1
	CDR 💿	

Figure 37: Avaya Aura® Device Services Pairing

Installation of Avaya Aura® Device Services (Standalone)

Pre-installation check

 In System Manager Web Console -> Session Manager -> Dashboard and check the Session Manager status. Ensure all the Session Managers in the cluster are up and running.

ura [®] System Manager 7.0												Go	ogged on at	December 3, 2016 6	:36 P Imin
Home Session Manager	×														
Session Manager	Home	/ Elements / Session Man	ager												(
Dashboard														Help	?
Session Manager	Ses	sion Manager D	ashbo	bard											
Administration	This pa admini	age provides the overall status stered Session Manager.	s and heal	th summ	ary of eacl	n									
Communication															
Profile Editor	Ses	sion Manager Instand	es												
▶ Network	Ser	vice State • Shutdow	n System	- A	s of 11:2	0 PM									
Configuration															8
Device and Location	2 Ite	ms 💐 Show All 🗸												Filter: Enable	
Configuration				T		C	6	E-111	Active		Dete	User			
Application		Session Manager	Туре	Pass	Alarms	Module	State	Monitoring	Call Count	Registrations	Replication	Storage	Mode	Version	
Configuration							Accent					Status			4
System Status System Tools		aads-55	Core	*	0/0/0	Up	New Service	0/0	0	0/0	*	×	Normal	7.0.1.2.701216	
Performance		AADS-SM-53	Core	~	0/0/0	Up	Accept New Service	0/0	0	0/0	~	~	Normal	7.0.1.2.701216	
	Selec	t : All, None													
															_

Figure 38: Session Manager Dashboard

Additionally, we can also login to Session Manager nodes using putty and execute below command to check the service status.

[craft@aads-sm-53 ~]\$ statapp Watchdog 9/9 UP logevent 13/13 UP 4/ 4 UP ncsd postgres-db 31/31 UP 215/215 UP mgmt WebSphere 220/220 UP CDRService 16/16 UP cassandra 122/122 UP sal-agent 47/47 UP secmod 4/ 4 UP

Start Avaya Aura® Device Services installation

- 1. Go to the Avaya directory by typing cd /opt/Avaya
- 2. Run the command app install
- 3. The system launches a blue installation tool.
- 4. Steps to be performed in the blue configuration tool:
 - a. Select the **Cluster Configuration** menu and ensure that the **Initial cluster node** option is set to y (yes). To return to the previous menu, select **Return to Main Menu** and press **Enter**.



Figure 39: Cluster Configuration

aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	laaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	<u>aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa</u>
Taaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	qqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqq	laaaaaaaaaaaaaaaaaaaaaaaaaa k
y 1dddddddddddddddddddddddddddddddddddd	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	tadaaaaaaaaaaaaaaaaaaaaaaaaa x
x x 🧧	Initial cluster node	
× x 2	Local node IP address	. [10.11.12.123] × x
× x		x x
× x		X X
×x		X X
×x		X X
		X X
x x		
		v v
x x		x x
×		× ×
××		x x
x x		x x
× x		x x
× x		x x
× x		x x
x x		x x
× m ädädädädädä		Idddddddddddddddddddd x
x		x
x.		x
x.		x
x		x
× · · · · · · · · · · · · · · · · · · ·		x
x		x
x.		x
a de la companya de l		x
x.		x
x.		x
		x
× · · · · · · · · · · · · · · · · · · ·		x
×		A
		tin Menus
aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa		

Figure 40: Initial Cluster Node

b. Select the Front-end host, System Manager and Certificate Configuration menu and configure the settings that are accessible from the menu.



Figure 41: Initial Installation Configuration

- c. Type **Front-end FQDN** If you need to extend the system to an AADS cluster; it is advised to use the hostname corresponding to the virtual IP.
- d. If you plan to have a standalone AADS, this field will be same as the Local frontend host.
- e. Type the **System Manager** details. Keystore password must be 6 or more characters. This must be same on all nodes in cluster.



Figure 42: System Manager FQDN

Enter SMGR FQDN and press **OK**. The installer will try to check if the provided hostname is valid or not.



Figure 43: System Manager FQDN



Figure 44: SMGR Connectivity check

f. After entering all the details Return to Main Menu.



Figure 45: Front-end host, System Manager and Certificate Configuration

Note:

At this point if System Manager is not being used for certificate, follow the procedure given here <u>Configuring Certificates without System Manager</u>.

g. Session Manager Cassandra Configuration – Type the Session Manager Management and Asset IP.

	<u>aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa</u>
lqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqq	1ddddddddda <mark>x</mark>
	addddddddd x
x 1 Cluster Configuration	
* 2 Front-end host, system Manager and Certificate Configuration	
x dissanta Encryption	
x 5 Advanced Configuration	× ×
	××
x x	x x
x x	x x
x x	x x
x x	x x
× x	x x
· x	x x
x x	x x
	x x
× ×	x x
	× ×
x x	x x
× maaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	adadadadadi x
x	x
	x
x	x
	x
a de la constante de	x
×	x
	x
	x
	x
	x
	adaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
x < <mark>Select ></mark> < Continue > <cancel install=""></cancel>	x
	aaaaaaaaaaaa



h. Leave Cassandra Encryption and Advanced Configuration unchanged. Press **Continue**.



Figure 47: Advanced Configuration

aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	aaaaaaaaaaaaaa	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	qqqqqqqqqqqqqqq
lqq	qqqqqqqqqqqqqqqqqqqqResults of Configuration Check	cs (Continue)	to proceed) gggggggggg	aaaaaaaaaaa <mark>k</mark>	
× I	ne application will install on this host as	[ucapp] with	UID [652].	x	
× T	he admininistration user for this host will be	[admin] with	UID [1005].	x	
× C	necking iptables configuration		[OK]	x	
× C	necking SSH Configuration		[OK]	x	
× H	ostname Check		[OK]	x	
x C	necking Linux Version		[OK]	x	
× C	necking Linux Kernel Patch Level		[OK]	x	
× M	emory Check		[OK]	x	
× C	necking provided Java path		[OK]	x	
× C	necking JRE version		L OK 1	x	
× C	pecking for 32 bit glibc libraries		L OK 1	x	
×	pecking for 32 bit libgcc libraries		L OK 1	x	
	pecking for 32 bit libstdc++ libraries		L OK 1	x	
	pecking for keyutils component		L OK 1	×	
	acking for libevent component		L OK J	~	
	pecking for nfs-utils component		L OK 1	×	
	acking for nfs-utile-lib component		L OK J	** *	
<u> </u>	acting for muthon-propage component			÷	
	lecking for pychon-algpaise complete		[OK]	â	
	lecking for kispidgs component		[OK]	â	
	lecking for findx "dialog" component			×	
	ecking for htp installation / configuration		[OK]	x	
× 9	hecking for Selinux to be disabled		[OK]	x	
× 4	hecking disk space on /opt/Avaya		[OK]	x	
× 0	necking for openssi libraries		[OK]	×	
× 0	necking for zlib libraries		[OK]	×	
× I	nstallation Check Complete		[OK]	×	
×				x	
x				x	
×				x	
×				x	
×				×	
×				x	
×				x	
x				x	
x				x	
tac				agag100%gagau	
×	< Continue >	<cancel inst<="" td=""><td>tallation></td><td>×</td><td></td></cancel>	tallation>	×	

i. The installer performs pre-install checks. Press Continue.

Figure 48: Results of Configuration Checks

j. Read the End User License Agreement. Press Accept to accept the EULA.



Figure 49: End User License Agreement

k. The system configures the other settings such as required RPMs, download certificates from System Manager, creates database schema, and does the required initial configuration required for the Avaya Aura® Device Services server installation. Select **Continue** to finish the installation.



Figure 50: AADS server installation

I. Select LDAP Configuration



Figure 51: LDAP configuration

1. On the LDAP configuration page type values for each parameter manually.

Solution Note:

Do not cut/copy paste values in these fields, it might introduce some invalid characters such as spaces in between.

2. After entering the values for each field manually navigate to **Advanced LDAP parameters** and click **Select**.



Figure 52: Advanced LDAP configuration

3. In the **Advanced LDAP parameter** screen, verify the default values for the parameters and update if required. Select **Return to previous menu** and press **Enter**.



Figure 53: Advanced LDAP configuration

4. Navigate to **TestUser** field and click **Select**.



Figure 54: TestUser Selection

- 5. Add a LDAP test user. This will allow better validation of the LDAP parameters provided.
- 6. The **TestUser** must be a valid user on LDAP and should be present in the provided **Base Context DN.** The LDAP user should correspond to the **UID Attribute ID** provided.

For example: If UID Attribute ID is sAMAccountName, in the TestUser field enter the sAMAccountName of the user

- 7. After typing the value, click **OK**.
 - Note:

TestUser may be left blank, in that case enhanced validation for LDAP parameters will not be performed.



Figure 55: LDAP TestUser

8. Click Apply.



Figure 56: LDAP TestUser

9. Click **Yes**. LDAP configuration is saved.



Figure 57: LDAP TestUser

10. Click Continue.



Figure 58: LDAP Configuration saved

m. Leave CORS Configuration and Serviceability Agent Configuration fields unchanged.



Figure 59: CORS Configuration and Serviceability Agent Configuration

n. Press Continue.



o. After you configure the mandatory settings, you must restart the Avaya Aura® Device Services. The system prompts for AADS service restart. Press **Yes**.



Figure 60: AADS Service restart

p. Press Continue.



q. The Avaya Aura® Device Services installation is complete.



Installation of Avaya Aura® Device Services (Cluster)

Installing seed node

Pre-installation check

 On System Manager Web Console-> Session Manager -> Dashboard check the Session Manager status. Ensure that all the Session Manager instances are up and running.

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erformance		AADS-SM-53	Core	~	0/0/0	Up	Accept New Service	0/0	0	0/0	~	~	Normal	7.0.1.2.701216
	Selec	t : All, None												

Additionally, you can also login to SM nodes using putty and execute the following command to check the service status.

[craft@aads-sm-53 ~]\$ statapp Watchdog 9/ 9 UP logevent 13/ 13 UP ncsd 4/ 4 UP postgres-db 31/ 31 UP mgmt 215/215 UP WebSphere 220/220 UP CDRService16/ 16 UPcassandra122/122 UPsal-agent47/ 47 UPsecmod4/ 4 UP

Start Avaya Aura® Device Service Installation

- 1. Go to the Avaya directory by using cd /opt/Avaya
- 2. Run the command app install
- 3. The system displays a blue installation tool.
- 4. Steps to be performed in the blue configuration tool:
 - a. Cluster configuration





b. Set Initial cluster node to [y]. Press <Return to Main Menu>

c. Front-end host, System Manager and Certificate Configuration



d. Enter Front-end FQDN– If you think you would need to extend the system to an AADS cluster; it is advisable to use the hostname corresponding to the virtual IP. If you are planning to have a standalone AADS, this field will be same as the Local frontend host.

e. Enter the System Manager details in this screen. Keystore password should be 6 or more characters. This should be same on all nodes in cluster.



Enter SMGR FQDN and press **OK**. The installer will try to check if the provided hostname is valid or not.





f. After entering all the details <Return to Main Menu>

Solution Note:

If System Manager is not being used for certificate, follow the procedure given here <u>Configuring Certificates without System Manager</u>.

Avaya Aura Device Services Installer DO NOT resize the	SSH Console.	^
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x 5 System Manage	r Enrollment Password (#####1	x x
x 6 Override port	for reverse proxv [n]	× ×
x X 7 Use System Ma	hager for certificates [V]	XX
x x 8 Local fronten	i host [aads216.testconfig.com];	x x
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g. Session Manager Cassandra Configuration – Provide Session Manager Management and Asset IP here.



h. Leave Cassandra Encryption and Advanced Configuration unchanged. Press <Continue>



i. The installer will perform pre-install checks . Press <Continue>



j. Press <Accept> to accept the EULA.



k. AADS installation will begin now. It will install the required RPMs, download certificates from System Manager, Create database schema and do the required initial configuration. The screen will show the progress.

I. Once this step is complete, the following screen will be displayed. Press <Continue>



m. The system displays the following screen.


n. Go to LDAP Configuration menu.



- 11. Provide LDAP details (Do not cut/copy paste values in these fields, it might introduce some invalid characters such as spaces in between). Enter the values for each field manually.
- 12. After entering the values in below screen, click Advanced LDAP parameters.



13. Default values for Advanced LDAP parameters are already provided. Edit the fields if you use some other configuration, and press <Return to previous menu>.



14. Go to TestUser field and click <Select>



- 15. Add a LDAP test user. This will allow better validation of the LDAP parameters provided.
- 16. The TestUser must be a valid user on LDAP and should be present in the provided Base Context DN. The LDAP user should correspond to the UID Attribute ID provided.

For example: If UID Attribute ID is sAMAccountName, in the TestUser field enter the sAMAccountName of the user

17. After entering the value, click <OK>

Note: TestUser may be left blank, in that case enhanced validation for LDAP parameters will not be performed.



18. Click < Apply>.



19. Click <Yes>



20. LDAP configuration is saved. Click <Continue>.



o. Leave CORS Support and Serviceability Agent Configuration unchanged.



p. Go to Clustering Configuration.



q. Go to Cluster Utilities to configure SSH RSA public/private keys.





r. Go to Virtual IP Configuration

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s. Enter virtual IP details and set Virtual IP master node to [y]. Virtual IP authentication password should be same on all the nodes in cluster. Press <Apply>.



t. Press <Return to Main Menu>.

Select Component to configure. Then < Select Sort EMTER to begin, < Continue > to proceed to restart menu. Lagaqaadadaadaadaadaadaadaadaadaadaadaadaad	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	adaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
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v. The installer prompts for AADS service restart. Press <Yes>.



w. Press <Continue>.



x. The Avaya Aura® Device Services installation is complete.

017-01-25_18:33:57 ************************************
017-01-25_18:33:57 Installation log file is at /opt/Avaya/DeviceServices/7.0.1.1.162//.AADSInstallLogs/AADS_Install_2017-01-25_17:06:00.log
017-01-25_18:33:57 Avaya Aura Device Services components have been installed. 017-01-25_18:33:57 If errors occurred during post-install configuration (see output above), 017-01-25_18:33:57 please run the following command to configure (or re-configure) the product
017-01-25_18:33:57 sudo /opt/Avaya/DeviceServices/7.0.1.1.162/CAS/7.0.1.1.162/bin/configureAADS.sh
017-01-25_18:33:57 Completing Avaya Aura Device Services Installation
017-01-25_18:33:57 Please run the following command to verify AADS system installation status:
017-01-25_18:33:57 sudo /opt/Avaya/DeviceServices/7.0.1.1.162/CAS/7.0.1.1.162/misc/clitool-acs.sh postInstallSystemVerification
017-01-25_18:33:57 ************************************
admin@aads216 ~]\$ []

Installing other node

- 1. Go to the Avaya directory by using cd /opt/Avaya
- 2. Run the command app install
- 3. The system displays a blue installation tool.
- 4. Steps to be performed in the blue configuration tool:
 - a. Cluster configuration



 Set Initial cluster node to [n]. Provide Cluster seed node IP. Press <Return to Main Menu>.



c. Front-end host, System Manager and Certificate Configuration.



d. Enter the System Manager details in this screen. Keystore password should be 6 or more characters. This should be same as the one provided on seed node.

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	Sustem Manager FODN	[adds216.apac.avaya.com] x	
x 3	System Manager Version	[6] × ×	
x x 4	System Manager HTTPS Port	[443] x	
x x 5	System Manager Enrollment Password	[] × ×	
× x 6	Override port for reverse proxy	[n] x x	
× x 7	Use System Manager for certificates	[Y] × x	
× x 8	Local frontend host	[aads216.apac.avaya.com] x x	
× x 9	Keystore password	[] × ×	
		× x • •	
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Enter SMGR FQDN and press **<OK>**. The installer will try to check if the provided hostname is valid or not.



Press <OK>



e. After entering all the details <Return to Main Menu>.

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	System Manager Enrollment Password		××	
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5. Session Manager Cassandra Configuration – Provide Session Manager Management and Asset IP here.

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6. Leave Cassandra Encryption and Advanced Configuration unchanged. Press <Continue>.



7. Check the values on the screen. Press <Accept and continue>.



- 8. The installer will perform pre-install checks . Press <Continue>.

9. Press <Accept> to accept the EULA.



- 10. AADS installation will begin now. It will install the required RPMs, download certificates from System Manager and do the required initial configuration. The screen will show the progress.
- 11. Once this step is complete, below screen will be displayed. Press <Continue>.



12. The below screen will be displayed. Go to Clustering Configuration menu.



13. Go to Cluster Utilities to configure SSH RSA public/private keys.



d additional hosts to the list? (y/n) [n]: y ter a new host identifier using the syntax user@192.168.0.33 or user@server.abc.com the user name is omitted (e.g. just 192.168.0.33), it will be requested later. en finished, enter a blank line by pressing the Enter key	
ter a new host identifier, blank when finished: 10.11.12.124 ter a new host identifier, blank when finished:	
er for 101112124 []: admin 16-12-05_200178 Hosts are: 16-12-05_200178 admin8101112.124 16-12-05_2010178 admin8101112.123 16-12-05_20101721 generating new private key due to request 16-12-05_20101721 Wek vey requested, generated new key 16-12-05_20101721 Local Keys are at /home/admin/.ssh/id_rsa and /home/admin/.ssh/id_rsa.pub 16-12-05_20101721 Local Keys are at /home/admin/.ssh/id_rsa enter "yes" 16-12-05_20101721 I for when prompted to "continue connecting", please enter "yes" 16-12-05_20101721 Hen prompted for password, please enter password for admin8101112124 16-12-05_20101721 Hen prompted for yessender (science) (science) (science) (science) (science) 16-12-05_20101721 Hen prompted for yessender (science) (sci	
ssword: 16-12-03_20:01:48 Copying known_hosts file to User admin on Host 10.11.12.123 H RSA configuration is complete. <enter> to continue:</enter>	

14. Press <Return to previous menu>.



15. Go to Virtual IP Configuration.

Avaya Aura Device Services Configuration Utility DO NOT resize the SSH Console.	1
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16. Enter virtual IP details and set Virtual IP master node to [n]. Virtual IP authentication password should be same as that on seed node. Press <Apply>.



17. Press <Return to Main Menu>.



18. Press <Continue>.



19. The installer will prompt for AADS service restart. Press <Yes>.



20. Press <Continue>.

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2016-12-03 20:06:16 Restarting Avava Aura Device Services Application x
x 2016-12-03 20:06:16 Stopping Avaya Aura Device Services Application x
x 2016-12-03 20:06:16 Stopping RecoveryManager Service [OK] x
× 2016-12-03_20:06:16 Stopping Tomcat x
x 2016-12-03_20:06:16 Tomcat was not running [OK] x
x 2016-12-03_20:06:16 Stopping Nginx [OK] x
x 2016-12-03_20:06:18 Stopping postgres x
× 2016-12-03_20:06:18 Postgres was not running [OK] x
x Checking provided Java path [OK] x
v Unecking vik version
2010-12-00_2010010 Starting average [00]
2016 12 05 2016 138 Starting Noine
2016-12-03 20:06:39 Starting Tomcat
2016-12-03 20:06:44 Starting RecoveryManager Service [0K] x
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21. The Avaya Aura® Device Services installation is complete.

Configuring Certificates without System Manager

- 1. If System Manager is not being used for certificates, you need to import the certificate from files.
- 2. Go to "Use System Manager for certificates" menu and select <No>





3. New menu items will be displayed (9 to 13) to provide a certificate file and import certificate.



4. Select "Rest Interface certificate configuration" menu and provide the certificate file.





5. Provide the path of the certificate file, password and press <Return to previous menu>



6. Similarly provide the certificate configuration for remaining menu items (10-13) and press <Return to Main Menu>

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x x 2	System Manager FQDN	[smgr-aads-215.testconfig.com]	x x
× x 3	System Manager Version	[7]	x x
x x 4	System Manager HTTPS Port	[443]	x x
× x 5	System Manager Enrollment Password	[#####]	x x
х х 6	Override port for reverse proxy	[n]	x x
× x 7	Use System Manager for certificates	[n]	x x
× x 8	Local frontend host	[aads216.testconfig.com]]	x x
xx 9	REST Interface certificate configura	tion	x x
× x 10	OAM Interface certificate configurat	ion	x x
x x 11	SIP Interface certificate configurat	ion	x x
x x 12	NODE Interface certificate configura	tion	x x
× x 13	Signing authority certificate config	uration	× x
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Go back to Installation steps.