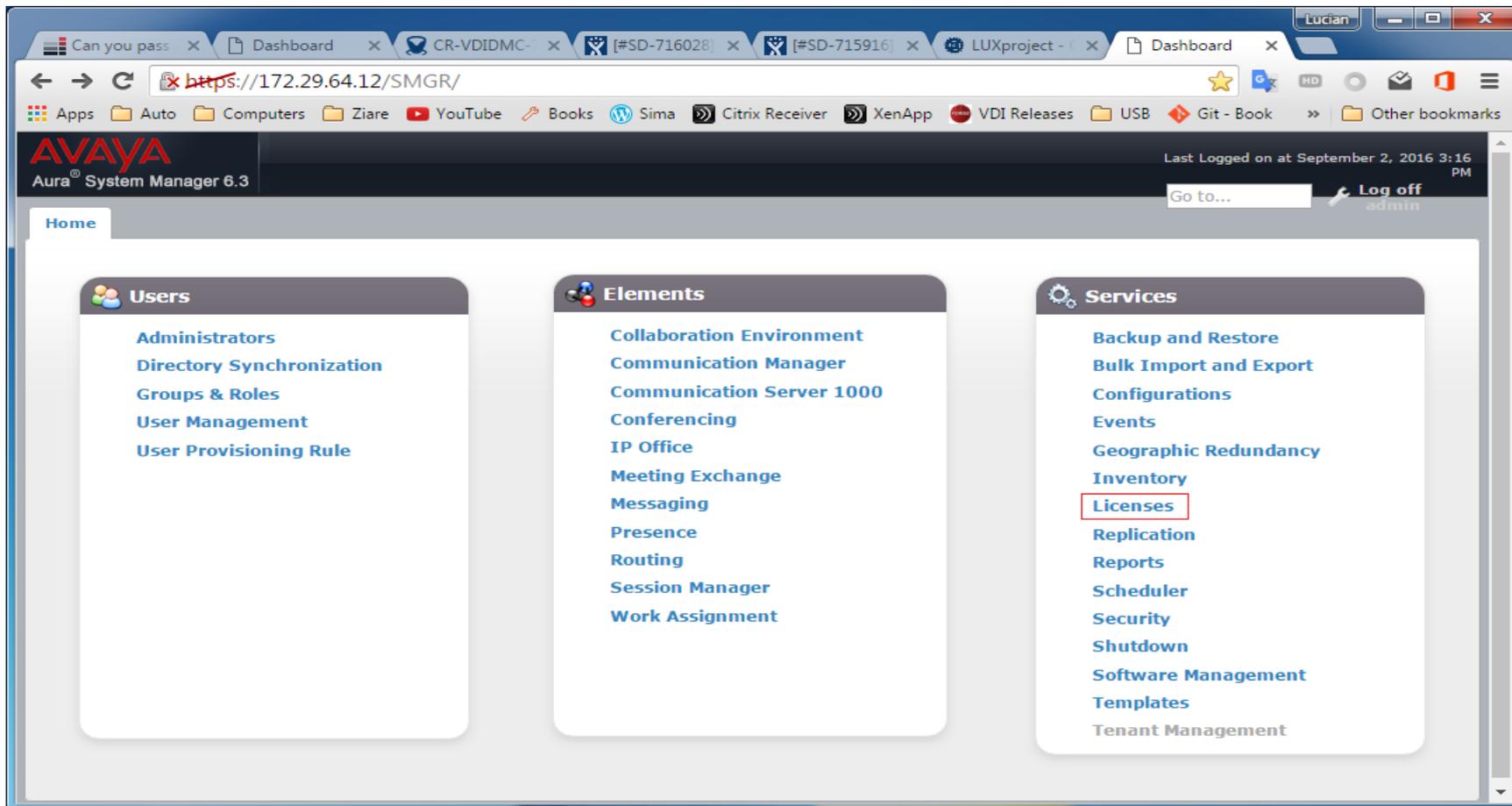


Avaya VDI Communicator Licensing

Users of Avaya VDI Communicator 2.1SP1 (VDI-C) are required to deploy a license before using the product. VDI-C uses WebLM, the standard Avaya licensing mechanism. WebLM is a licensing server and is distributed with different Avaya products. It is also included in Aura.

Administer WebLM

This document describes only the case when WebLM server distributed with Aura is used, although such relationship is not required by VDI Communicator. Probably this is the most used scenario, though.



What is a license?

A license is a small XML file, generated by Avaya for a given Server ID, used by WebLM server to achieve licensing.

Server ID

The screenshot displays the Avaya Aura System Manager 6.3 interface. The top navigation bar includes the Avaya logo and the text 'Aura® System Manager 6.3'. Below this, there are tabs for 'Home' and 'Licenses'. A left-hand sidebar contains a list of menu items, with 'Server properties' highlighted by a red box. The main content area is titled 'Server Properties' and shows the breadcrumb 'You are here: Server Properties > Server Host ID'. Under the 'Server Host ID' section, the 'Primary Host ID' is displayed as 'B4-B5-2F-53-E5-E4', which is also enclosed in a red box. A tooltip next to this value states: 'The Primary Host ID is the MAC Address of the first network interface of the physical system.' Below this, there is a section for 'Centralized Licensing ID' with a right-pointing arrow.

Type of VDI licenses

There are two types of VDI licenses: with limited number of 'seats' (**VALUE_VDICOMMUNICATOR_MAXIMUM_SEATS**), or unlimited (**FEAT_VDICOMMUNICATOR_UNLIMITED_SEATS**). The picture below shows an installed license with maximum number of seats:

The screenshot displays the Avaya Aura System Manager 6.3 Web License Manager interface. The browser address bar shows the URL <https://172.29.64.12/SMGR/>. The page title is "Avaya VDI Communicator - Release: 0 - SID: 41303000 Standard License file". The breadcrumb trail is "You are here: Licensed Products > VDICOMMUNICATOR > View License Capacity". The license was installed on September 2, 2016, at 2:07:48 PM +03:00. The license file host IDs are B4-B5-2F-53-E5-E4. The licensed features table shows one item: "Maximum Number of VDI Communicator Seats" with a license keyword of "VALUE_VDICOMMUNICATOR_MAXIMUM_SEATS", an expiration date of February 18, 2017, a licensed capacity of 1, and currently used seats of 0. The acquired licenses table shows 0 items, with the message "No licensed features have been acquired".

Avaya VDI Communicator - Release: 0 - SID: 41303000 Standard License file

You are here: Licensed Products > VDICOMMUNICATOR > View License Capacity

License installed on: September 2, 2016 2:07:48 PM +03:00

License File Host IDs: B4-B5-2F-53-E5-E4

Licensed Features

1 Item Show ALL

Feature (License Keyword)	Expiration date	Licensed capacity	Currently Used
Maximum Number of VDI Communicator Seats VALUE_VDICOMMUNICATOR_MAXIMUM_SEATS	February 18, 2017	1	0

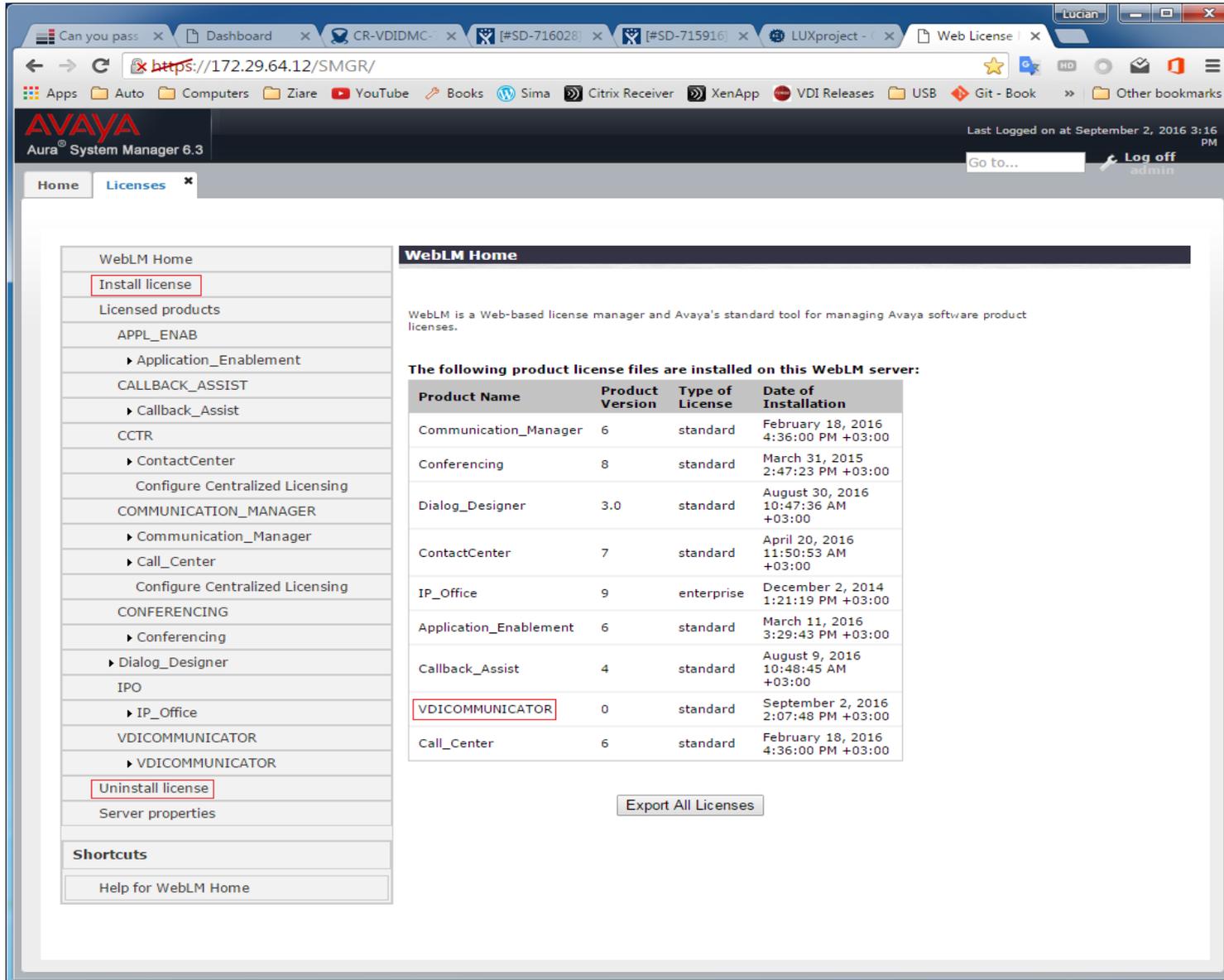
Acquired Licenses

0 Items Show ALL

Feature	Acquired by	Count
No licensed features have been acquired		

Add/Remove a license to/from WebLM server

Add a license by choosing "Install license" from the WebLM homepage, then browse for license xml file. To remove, choose "Uninstall license" from the WebLM homepage.



AVAYA
Aura® System Manager 6.3

Last Logged on at September 2, 2016 3:16 PM

Go to... [Log off](#)
admin

Home Licenses x

WebLM Home

[Install license](#)

Licensed products

- APPL_ENAB
 - ▶ Application_Enablement
- CALLBACK_ASSIST
 - ▶ Callback_Assist
- CCTR
 - ▶ ContactCenter
- Configure Centralized Licensing
- COMMUNICATION_MANAGER
 - ▶ Communication_Manager
 - ▶ Call_Center
- Configure Centralized Licensing
- CONFERENCING
 - ▶ Conferencing
- ▶ Dialog_Designer
- IPO
 - ▶ IP_Office
- VDICOMMUNICATOR
 - ▶ VDICOMMUNICATOR

[Uninstall license](#)

Server properties

Shortcuts

Help for WebLM Home

WebLM Home

WebLM is a Web-based license manager and Avaya's standard tool for managing Avaya software product licenses.

The following product license files are installed on this WebLM server:

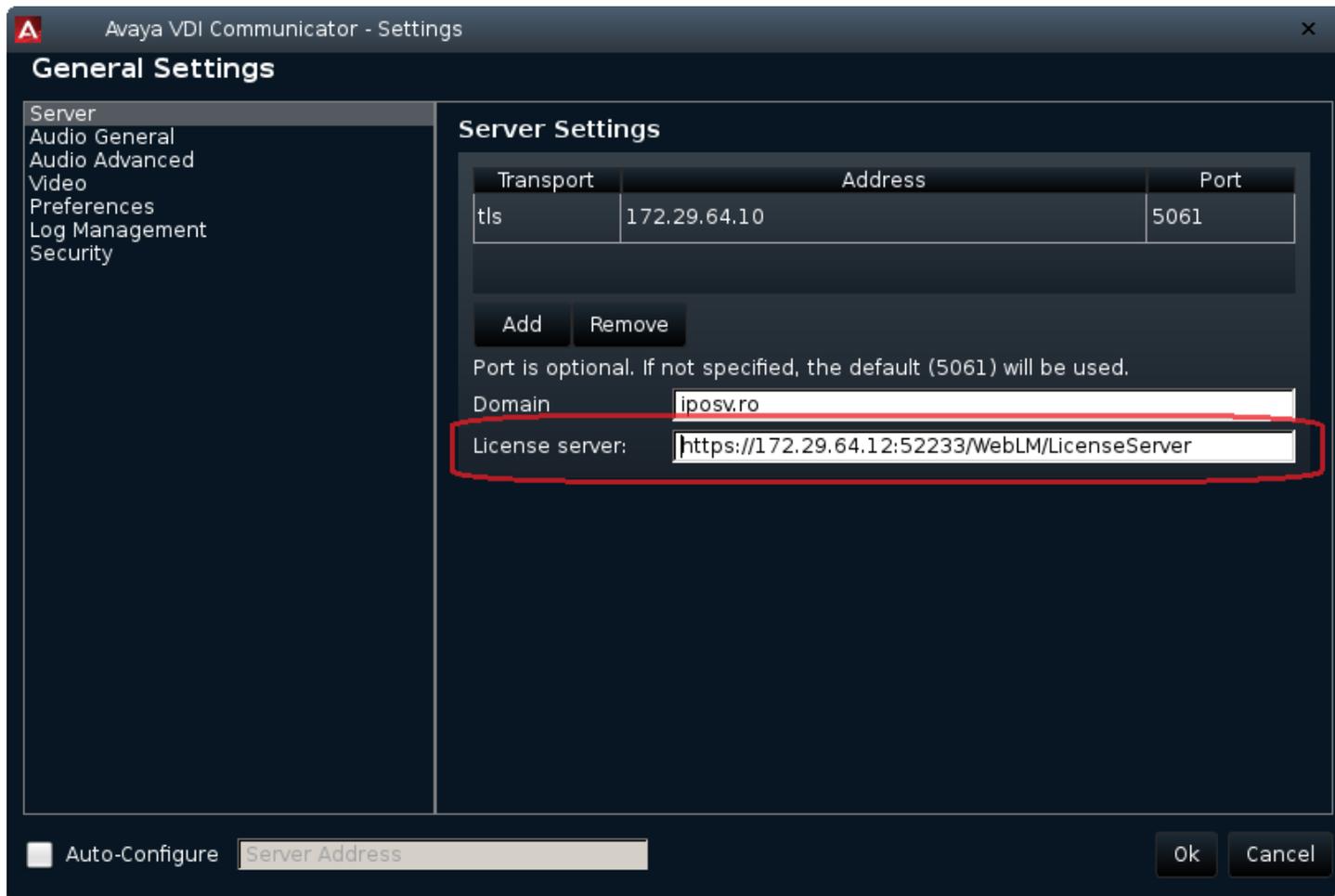
Product Name	Product Version	Type of License	Date of Installation
Communication_Manager	6	standard	February 18, 2016 4:36:00 PM +03:00
Conferencing	8	standard	March 31, 2015 2:47:23 PM +03:00
Dialog_Designer	3.0	standard	August 30, 2016 10:47:36 AM +03:00
ContactCenter	7	standard	April 20, 2016 11:50:53 AM +03:00
IP_Office	9	enterprise	December 2, 2014 1:21:19 PM +03:00
Application_Enablement	6	standard	March 11, 2016 3:29:43 PM +03:00
Callback_Assist	4	standard	August 9, 2016 10:48:45 AM +03:00
VDICOMMUNICATOR	0	standard	September 2, 2016 2:07:48 PM +03:00
Call_Center	6	standard	February 18, 2016 4:36:00 PM +03:00

[Export All Licenses](#)

VDI Communicator license configuration

For VDI Communicator to obtain the license from the licensing server, the address of the license server needs to be provisioned in VDI Communicator. This can be done either manually or through an auto-configuration file:

- 1) Manual configuration:
 - a. Launch VDI Communicator and go to “Settings -> Server Settings”. Note the new “License server” text box
 - b. Enter the URL of the WebLM licensing server in the text box. If your WebLM server is hosted in Aura, the address will be of the form:
<https://<SMGR-IP-address>:52233/WebLM/LicenseServer>

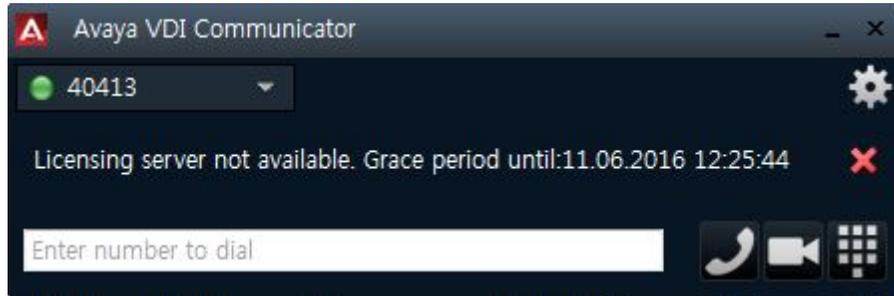


- 2) Automatic configuration of the license server: edit the **46xxsettings.txt** file from the auto-configuration server provisioned in VDI-C and add the following line:

SET VDI_LICENSE_SERVER "<WebLM URL>"

Replacing <WebLM URL> with the actual URL of the licensing server (see above).

When VDI-C logs in, it will try to obtain a license from the license server. If no licensing server is provisioned, or if the licensing server is unreachable the 30 days grace period will be checked. If still in grace period, everything will function normally and VDI-C will display a notification after login (see screenshot below). If the license server is reachable and no licenses are available, the login will fail and an error message is displayed: "No license available!" and the grace period will not be checked in this case.



Signaling and licensing through Avaya SBCE

When using VDI-C through a Session Border Controller (SBC) licensing requests from VDI-Communicator may fail to reach the WebLM server. If such is the case, VDI-Communicator's 'licensing server' address should be provisioned with the public address of the SBC::

Avaya VDI Communicator - Settings

General Settings

- Server
- Audio General
- Audio Advanced
- Video
- Preferences
- Log Management
- Security

Server Settings

Transport	Address	Port
tls	94.177.6.195	5061

Add Remove

Port is optional. If not specified, the default (5061) will be used.

Domain: luxoft.com

License server: https://94.177.6.195:52233/WebLM/LicenseServer

In this example, **94.177.6.195** is the address of the SBC interface visible to VDI-Communicator.

SBCE should also be provisioned to forward licensing requests to and from Aura:

Alarms Incidents Statistics Logs Diagnostics Users Settings Help Log Out

Session Border Controller for Enterprise

AVAYA

- Dashboard
- Administration
- Backup/Restore
- System Management
 - Global Parameters
 - Global Profiles
 - SIP Cluster
 - Domain Policies
 - TLS Management
- Device Specific Settings
 - Network Management
 - Media Interface
 - Signaling Interface
 - Signaling Forking
 - End Point Flows
 - Session Flows
 - Relay Services
 - SNMP

Relay Services: ALASKA-LOAD

Devices: ALASKA-LOAD

Application Relay File Transfer

Remote Domain	Remote IP:Port	Remote Transport	Published Domain	Listen IP:Port	Listen Transport	Connect IP	
luxoft.com	██████████	TCP	██████████	██████████	TCP	██████████	View Edit Delete
luxoft.com	172.29.64.12:52233	TCP	luxoft.com	94.177.6.195:52233	TCP	77.81.122.166	View Edit Delete

Add