


License Reports




 For supported software information, click [here](#).

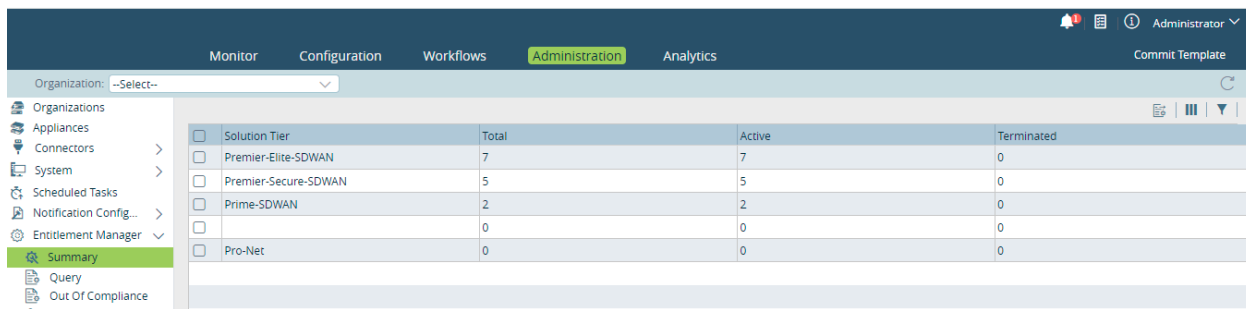
This article discusses licensing reports that you can generate on Versa Director. You can export reports to a local server, or you can email them.

Entitlement Summary Report

The entitlement summary report provides information about the number of CPEs and devices in a solution tier. An entitlement summary report includes the appliance name and the solution tiers associated with the appliance, and the number of licenses in each license state.

To view the entitlement summary report:

1. Log in to Versa Director.
2. Select the Administration tab in the top menu bar.
3. Select Entitlement Manager  > Summary  in the left menu bar.
4. Click the  Export icon.



Solution Tier	Total	Active	Terminated
Premier-Elite-SDWAN	7	7	0
Premier-Secure-SDWAN	5	5	0
Prime-SDWAN	2	2	0
	0	0	0
Pro-Net	0	0	0

5. Enter the directory location and filename in which to save the report. After the report is downloaded, the message Report Exported Successfully displays.

The following is an example of a summary report for Releases 21.1.1 and later. The table describes the subscription report fields.

A	B	C	D	E	F	G	H	I	J
			1000 MB/s				2000 MB/s		
		Active		Terminated		Active		Terminated	
Appliance-QA									
	Premier-E	0		0		3		0	
Versa-QA									
	Premier-S	0		0		0		0	
	Premier-E	1		0		0		0	
	Prime-SD-WAN	0		0		0		0	
Pepsi									
	Premier-S	1		0		0		0	

Field	Description
Solution Tier (Column B)	Solution tier for the organization and for each VOS device in the organization.
Total (Columns C and E)	Total number of VOS devices associated with the solution tier, for active licenses (Column C) and terminated licenses (Column E).
Bandwidth (Columns D and H)	Bandwidth tier associated with the VOS device, in Mbps, for active licenses (Column C) and terminated licenses (Column E).

The following is an example of a summary report for Releases 21.1.0 and earlier. The table describes the subscription report fields.

A	B	C	D	E	F	G	H	I	J
			10 MB/s				100 MB/s		
		Trial	Active	Suspende	Terminate	Trial	Active	Suspende	Terminate
Coke									
	base-sdw	0	0	0	0	0	0	0	0
	premier-s	0	0	0	0	0	0	0	0
	standard-s	0	0	0	0	0	0	0	0
	prime-sdv	0	0	0	0	0	0	0	0
	advanced-	0	0	0	0	0	0	0	0
	premier-e	0	0	0	0	0	0	0	0
	prime-sec	0	0	0	0	0	0	0	0
Airtel-NOC									
	base-sdw	1	0	0	0	0	0	0	0
Pepsi-Finance-3									
	base-sdw	1	0	0	0	0	0	0	0
AzureChina-Org-Cloud									
	base-sdw	1	0	0	0	0	0	0	0

Field	Description
Solution Tier (Column B)	Solution tier for the organization and for each VOS device in the organization.
Total (Columns C and E)	Total number of VOS devices associated with the solution tier, for trial licenses (Column C), active licenses (Column D), suspended licenses (Column E), and terminated licenses (Column F).
Bandwidth (Columns D and H)	Bandwidth tier associated with the VOS device, in Mbps.

Query Report

The query report shows each subscription event that has occurred for CPEs and devices. Each single report traces the life of a subscription.

A query report provides the following information:

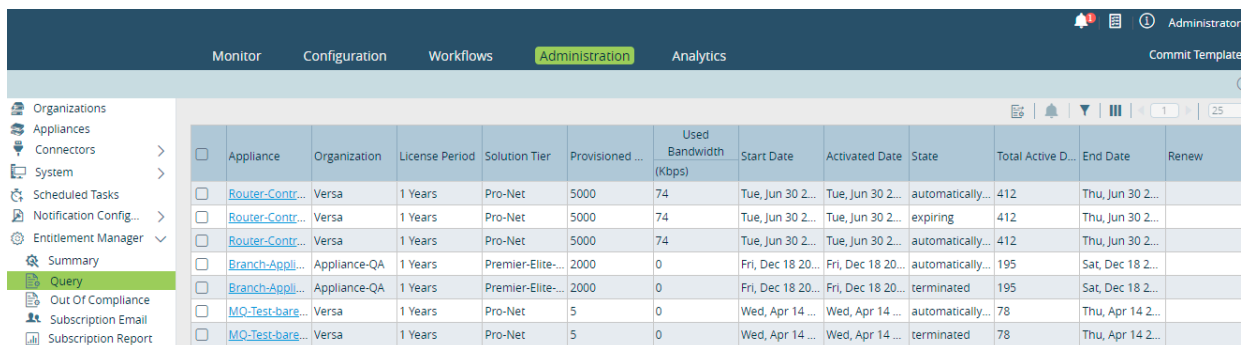
- Organization ID, organization name, and solution tier associated with a device
- Device subscription information, including license state and the time that the license state changed

To view the query report:

1. Log in to Versa Director.
2. Select the Administration tab in the top menu bar.

3. Select Entitlement Manager  > Query  in the left menu bar.

4. Click the  Export icon.



The screenshot shows the 'Administration' tab in the Versa Networks console. The left sidebar has 'Query' selected under 'Entitlement Manager'. The main area displays a table of appliance licenses.

Appliance	Organization	License Period	Solution Tier	Provisioned ...	Used Bandwidth (Kbps)	Start Date	Activated Date	State	Total Active D...	End Date	Renew
<input type="checkbox"/> Router-Contr...	Versa	1 Years	Pro-Net	5000	74	Tue, Jun 30 2...	Tue, Jun 30 2...	automatically...	412	Thu, Jun 30 2...	
<input type="checkbox"/> Router-Contr...	Versa	1 Years	Pro-Net	5000	74	Tue, Jun 30 2...	Tue, Jun 30 2...	expiring	412	Thu, Jun 30 2...	
<input type="checkbox"/> Router-Contr...	Versa	1 Years	Pro-Net	5000	74	Tue, Jun 30 2...	Tue, Jun 30 2...	automatically...	412	Thu, Jun 30 2...	
<input type="checkbox"/> Branch-Appli...	Appliance-QA	1 Years	Premier-Elite...	2000	0	Fri, Dec 18 20...	Fri, Dec 18 20...	automatically...	195	Sat, Dec 18 2...	
<input type="checkbox"/> Branch-Appli...	Appliance-QA	1 Years	Premier-Elite...	2000	0	Fri, Dec 18 20...	Fri, Dec 18 20...	terminated	195	Sat, Dec 18 2...	
<input type="checkbox"/> MO-Test-bare...	Versa	1 Years	Pro-Net	5	0	Wed, Apr 14 ...	Wed, Apr 14 ...	automatically...	78	Thu, Apr 14 2...	
<input type="checkbox"/> MO-Test-bare...	Versa	1 Years	Pro-Net	5	0	Wed, Apr 14 ...	Wed, Apr 14 ...	terminated	78	Thu, Apr 14 2...	

5. Enter the directory location and filename in which to save the report. After the report is downloaded, the message Report Exported Successfully displays.

The following is an example of a query report for Releases 21.1.1 and later. The table describes the subscription report fields.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Subscription-Record															
Versa Director License	5341009e-cefb-40d5-8db1-ac3943bfbabc														
Licensed CPE	1000														
Active CPE	21														
SUID	Appliance UUID	Name	Location	Org UUID	Org Name	SolutionTier	Provisioned Bandwidth(Mbps) /Users	Used Bandwidth(Kbps)	Start Date	End Date	License Period	Changed At	Event		
dba58d4b-b1dc-417e-b dba58d4b-b1dc-	Router-Director-Con	af32a158-	Versa		Pro-Net		5000	38	Tue, 30 Ju	Thu, 30 Ju	1	Tue, 30 Jun	:AutomaticallyActivated		
dba58d4b-b1dc-417e-b dba58d4b-b1dc-	Router-Director-Con	af32a158-	Versa		Pro-Net		5000	38	Tue, 30 Ju	Thu, 30 Ju	1	Sun, 16 May	Expiring		
dba58d4b-b1dc-417e-b dba58d4b-b1dc-	Router-Director-Con	af32a158-	Versa		Pro-Net		5000	38	Tue, 30 Ju	Thu, 30 Ju	1	Tue, 29 Jun	:AutomaticallyRenewed		
834b9249-d093-49bd-8(834b9249-d093-4	Router-Controller-BI	af32a158-	Versa		Pro-Net		5000	55	Tue, 30 Ju	Thu, 30 Ju	1	Tue, 30 Jun	:AutomaticallyActivated		

Field	Description
Versa Director License	License information about the Versa Director on which the report was generated.
Licensed CPE	Maximum number of VOS devices (excluding Controller nodes) that can be onboarded by the Director node based on its license.
Active CPE	Actual number of VOS devices (excluding Controller) Nodes already onboarded by the Director node.
SUID	Subscription user ID assigned by Versa Director, which is a combination of the VOS device UUID and the organization UUID.

Field	Description
Appliance UUID	Unique ID generated by Versa Director for the VOS device.
Name	Name of the VOS device.
Location	Location of the VOS device.
Organization UUID	Unique identifier of the organization.
Organization Name	Name of the organization to which the VOS device belongs
Solution Tier	Solution tier for the VOS device.
Provisioned Bandwidth	For SD-WAN or vCPE device, bandwidth assigned to the VOS device. For SASE, number of users licenses assigned to the organization.
Used Bandwidth	Bandwidth used by the VOS device, in Kbps.
Start Date	Subscription start date, which is when the VOS device was activated.
End Date	Date and time when the subscription was deactivated. If you do not renew the description manually after the end date, it is renewed automatically.
License Period	Time period, in years, for which the license is valid.
Changed At	Date and time when any modification were made in subscription fields.
Event	Events that occurred on VOS device during the subscription period.

The following is an example of a query report for Releases 21.1.0 and earlier. The table describes the subscription report fields.

Subscription-Record																
Versa Dire 21b37fae-7529-4023-8c55-8e03fa64380a																
Licensed C	12															
Active CPI	11															




Field	Description
Versa Director License	License information about the Versa Director on which the report was generated.
Licensed CPE	Maximum number of VOS devices (excluding Controller nodes) that can be onboarded by the Director node based on its license.
Active CPE	Actual number of VOS devices (excluding Controller) Nodes already onboarded by the Director node.
SUID	Subscription user ID assigned by Versa Director, which is a combination of the VOS device UUID and the organization UUID.
Appliance UUID	Unique ID generated by Versa Director for the VOS device.
Name	Name of the VOS device.
Location	Location of the VOS device.
Is Primary	Whether the device is the primary device: <ul style="list-style-type: none"> • False • True
Organization UUID	Unique identifier of the organization.
Organization Name	Name of the organization to which the VOS device belongs
Solution Tier	Solution tier for the VOS device.
Bandwidth	Bandwidth used by the VOS device, in Kbps.
Analytics Enabled	Whether Versa Analytics is enabled: <ul style="list-style-type: none"> • False • True
Changed At	Date and time when any modification were made in subscription fields.

Changed State	Actions that occurred on VOS device during the subscription period.
Appliance Type	Type of the VOS device: <ul style="list-style-type: none"> • Branch • Controller • Service VNF
Appliance Owner	Whether the organization is the VOS device owner.

Entitlement Subscription Report

The entitlement subscription report, which identifies chargeable events, is generated every month. You can use it to generate invoices.

To view the entitlement subscription report:

1. Log in to Versa Director.
2. Select the Administration tab in the top menu bar
3. Select Entitlement Manager  > Subscription Report  in the left menu bar.
4. Click the  Download icon in the Entitlement Report column.



5. Enter the location and filename in which to save the report. After the report is downloaded, the message "Report Exported Successfully" displays.

The following is an example of an entitlement subscription report for Releases 21.1.1 and later. The table describes the subscription report fields.

A	B	C	D	E	F	G	H	I	J	K	L	M
Subscription-Record												
Versa Director Licen												
Licensed CPE	1000											
Active CPE	19											
Month	Jul-21											
Unique Identifier	Appliance Name	orgId	orgName	eventTime	eventType	Current Solution Tier and BW - Mbps/Users	Old Solution Tier and BW - Mbps/Users	Current Status	Days since Activated on the day of Event	Multiple Events	License Period	user
3f53d1e5-f67c-410e	Branch-Appliance	9022651b	Appliance	Thu, 01 Jul	automatical	Premier-Elite-SDWAN		activated	0	No	1	System
fce2844b-3857-462f	Branch-CPE-Limit	9022651b	Appliance	Thu, 01 Jul	automatical	Premier-Elite-SDWAN		activated	0	No	1	System
f4262286-2fd5-48f7	Device-Org-Demo	72f07287	Director-C	Fri, 02 Jul	modified	Premier-Secure-SDWAN		activated	-18	No	1	system
7c93712b-4d25-4011	Device-Suraj-1	82227ac6	Versa-QA	Thu, 08 Jul	automatical	Premier-Elite-SDWAN		activated	0	No	1	System
60488b03-99ab-4ae	Branch-Appliance	9022651b	Appliance	Mon, 26 Jul	automatical	Premier-Elite-SDWAN		activated	0	No	1	System
c483b82d-0b1d-45f5	Branch-A	60ab710a	Org-A	Fri, 30 Jul	automatical	Premier-Elite-SDWAN		activated	0	No	1	System

Field	Description
Versa Director License	License information of the Versa Director on which the report was generated.
Licensed CPE	Maximum number of VOS devices (excluding controller) that can be onboarded in Director as per license procured.
Active CPE	Actual number of VOS devices (excluding controller) already onboarded in Director.
Month	Month and two-digit year for which the report was generated.
Unique Identifier	Unique ID generated by Versa Director for the VOS device.
Appliance Name	Name of the VOS device.
Organization ID	Unique identifier of the organization.
Organization Name	Name of the organization to which the VOS device belongs.
Event Time	Time of subscription event that occurred on the VOS device when a subscription was generated or updated.
Event Type	Type of subscription event, such as automatically activated, manually activated, modified, or expiring.
Current Solution Tier and Bandwidth	Current VOS device solution tier and bandwidth when the report was generated, in Mbps per user.

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Field	Description
Old Solution Tier and Bandwidth	Previous VOS device solution tier and bandwidth when the report was generated, in Mbps per user.
Current Status	Current status of the subscription license.
Days Since Activated on the Day of Event	How long the device remained in the active state after a subscription event occurred. You can use this number to calculate adjustments to the license fee when the solution tier for a license changes.
Multiple Events	Whether multiple events for the same CPE occurred during the period: <ul style="list-style-type: none"> No Yes
License Period	Time period for which the license is valid, in years.
User	Users who triggered the subscription actions for the VOS device.

The following is an example of an entitlement subscription report for Releases 21.1.0 and earlier. The table describes the subscription report fields.

Subscription-Record													
Versa Director License Key													
Month	Jan-19												
Unique Identifier	Tenant Name	orgId	orgName	eventTime	eventType	Current Solution	Old Solution	Current Status	isPrimary	Days since	isAnalytic	Multiple User	
64caab59-0d6b-4098-94e9-70480a39c6b0	Router-1	e4020369	provider-c	43:50.0	created	advanced-		created	FALSE	0	TRUE	No	unknown
5af3d1dd-0e38-497c-984a-9fae7ab45388	Router-2	e4020369	provider-c	44:42.3	created	advanced-		created	FALSE	0	TRUE	Yes	unknown
70479917-5066-4533-9b1d-c6d99d7dddb0	Controller	e4020369	provider-c	54:36.6	created	base-sdw		created	FALSE	0	TRUE	Yes	unknown
70479917-5066-4533-9b1d-c6d99d7dddb0	Controller	e4020369	provider-c	54:48.7	deleted	base-sdw		terminate	FALSE	0	FALSE	Yes	unknown
42c9e865-41c7-4b3e-bb1b-5d10e4e78fb4	Controller	e4020369	provider-c	58:17.4	created	base-sdw		created	FALSE	0	TRUE	Yes	unknown

Field	Description
Versa Director License Key	License key of the Versa Director on which the report was generated.
Month	Month and two-digit year for which the report was generated.
Unique Identifier	Unique ID generated by Versa Director for the VOS device, in the format <i>VOS-device-name organization-name</i> or <i>VOS-device-UUID organization-UUID</i> .
Tenant Name	Name of the tenant (organization).
Organization ID	Unique identifier of the organization.
Organization Name	Name of the organization to which the VOS device belongs.
Event Time	Time of subscription event that occurred on the VOS device when a subscription was generated or updated.
Event Type	Type of subscription event, such as automatically activated, manually activated, modified, or expiring.
Current Solution Tier and Bandwidth	Current VOS device solution tier and bandwidth when the report was generated, in Mbps per user.
Old Solution Tier and Bandwidth	Previous VOS device solution tier and bandwidth when the report was generated, in Mbps per user.
Current Status	Current status of the subscription license.
Is Primary	Whether the device is the primary device: <ul style="list-style-type: none"> • False • True
Days Since Activated on the Day of Event	How long the device remained in the active state after a subscription event occurred. You can use this number to calculate adjustments to the license fee when the solution tier for a license changes.

Is Analytics	<p>Whether Versa Analytics is enabled:</p> <ul style="list-style-type: none"> • False • True
Multiple Events	<p>Whether multiple events for the same CPE occurred during the period:</p> <ul style="list-style-type: none"> • No • Yes
User	<p>Users who triggered the subscription actions for the VOS device.</p>




Entitlement Usage Report

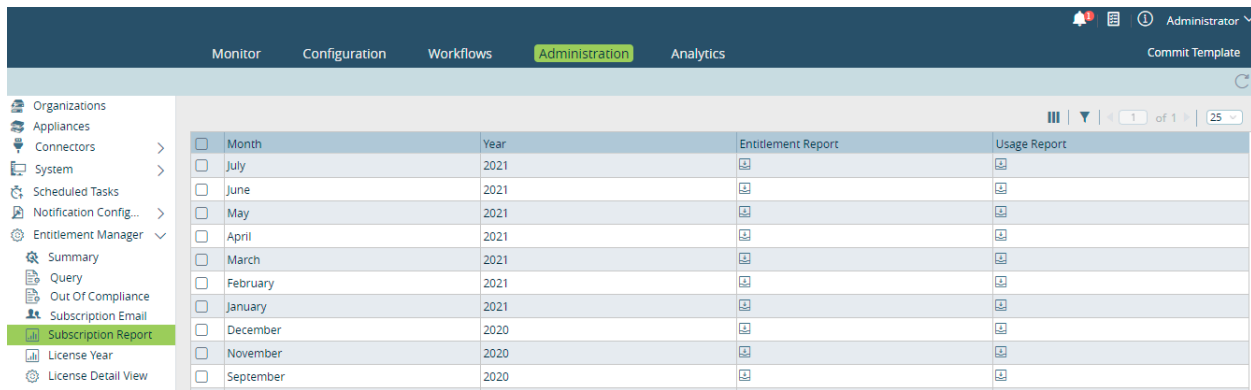
The entitlement usage report lists information about all services deployed, the solution tier for each Versa Operating System™ (VOS™) device in an organization, and the provisioned and used bandwidth. This report provides proof of entitlement, and Versa uses the report to check compliance.

The entitlement usage report provides the following information:

- Services deployed
- Solution tier for each VOS device in an organization
- Provisioned and used bandwidth
- Out of compliance—Whether the bandwidth usage was more than the assigned bandwidth
- Month and year for which this report was generated

To view the usage report:

1. Log in to Versa Director.
2. Select the Administration tab in the top menu bar.
3. Select Entitlement Manager  > Subscription Report  in the left menu bar.
4. In the Usage Report column, click the  Download icon.



5. Enter the location and filename in which to save the report. After the report is downloaded, the message "Report Exported Successfully" displays.

The following is an example of an entitlement usage report. The table describes the subscription report fields.

A	B	C	D	E	F	G	H
Entitlement Usage Report							
Month	Jul-21						
Appliance Name	Appliance-UUID	Tenant-Name	Provisioned BW (Mbps)	Peak-Usage (Kbps)	Tx Peak-Usage (Kbps)	Rx Peak-Usage (Kbps)	OutOfCompliance
Branch-Director-QA-1	e91143db-dd1b-49f0-bb33-d55dedc05e15	Director-QA	2000 NA		0	0	FALSE
Branch-Bug-65069-Name-Update	7378eb07-f6a8-4b98-904c-675a53bfa16e	Director-QA	1000 NA		0	0	FALSE
Branch-Bind-Data-Update	889c5c32-17fc-4701-a5f0-c07db87f39f6	Director-QA	1000 NA		0	0	FALSE
Device-test	f4c8b4d8-7cc9-437f-8310-3b5ef6062479	Director-QA	0 NA		0	0	FALSE
Branch-Director-QA-2	b7d3e476-d7bf-42ae-9d14-d963457a17a3	Director-QA	2000 NA		0	0	FALSE
Device-Org-Demo-1	f4262286-2fd5-48f7-ba9c-f871443c8c71	Director-QA	1000	0	1	0	FALSE
Branch-Appliance-QA-1	92cf8aad-f14e-4bcf-98e9-9a92c934a782	Appliance-QA	2000 NA		0	0	FALSE

Field	Description
Month	Month and two-digit year for which the report was generated.
Appliance Name	Name of the VOS device.
Appliance UUID	Unique ID generated by Versa Director for the VOS device.
Tenant Name	Name of the tenant (organization).
Provisioned Bandwidth	Bandwidth used by the VOS device, in Mbps.
Peak Usage	Highest amount of bandwidth used by the VOS device. If the Director license year is earlier than 2018 and if the VOS release is Release 20.2 or earlier, the used bandwidth of the VOS device is calculated in Kbps as the peak usage.
Tx Peak Usage	Highest transmitted amount of bandwidth used by the

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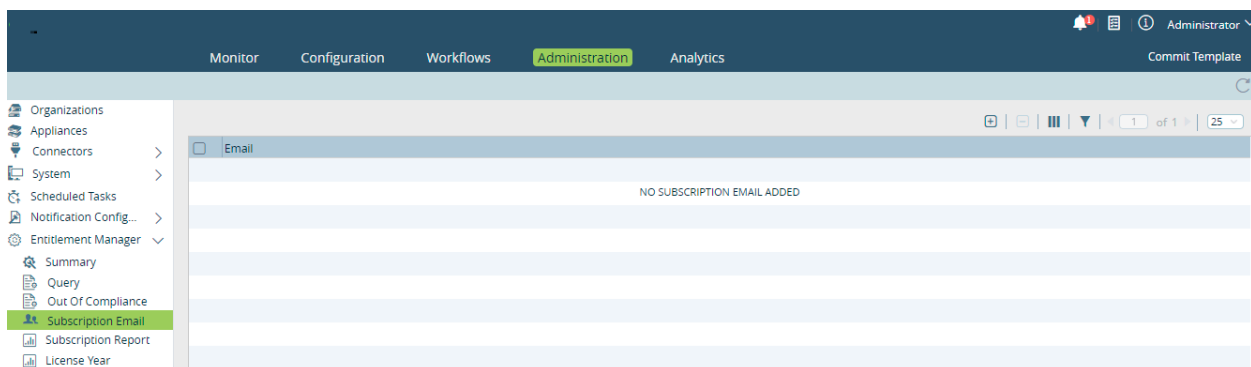
Field	Description
	VOS device. If the Director license year is 2018 or earlier and if the VOS release is Release 20.2 or earlier, the VOS device bandwidth is calculated in Kbps as the peak transmit usage.
Rx Peak Usage	Highest received amount of bandwidth used by the VOS device. If the Director license year is 2018 or earlier and if the VOS release is Release 20.2 or earlier, the VOS device bandwidth is calculated in Kbps as the peak transmit usage.
Out of Compliance	<p>Whether the bandwidth usage is more than the assigned bandwidth:</p> <ul style="list-style-type: none"> • False • True

Email Subscription Reports

Subscription reports are generated on the first three days of each month. After the reports are generated, you can email them.

To email reports:

1. Log in to Versa Director.
2. Select the Administration tab in the top menu bar.
3. Select Entitlement Manager  > Subscription Email  in the left menu bar.



4. Click the  Add icon.

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5. In the Add Subscription Email popup window, enter the email address.

A screenshot of a software interface showing a modal window titled "Add Subscription Email". The window has a light blue header bar with the title and a close button (X) in the top right corner. Below the header is a dark blue section containing the label "Email ID" and a white text input field. At the bottom of the window, there are two buttons: a green "OK" button and a dark blue "Cancel" button.

6. Click OK.

Supported Software Information

Releases 20.2 and later support all content described in this article, except:

- For Releases 21.1.1 and later, Is primary and analytics details are not supported in Query and Entitlement Usage reports and the entitlement subscription report displays the license period.

Additional Information

[Licensing Overview](#)