Oracle® SD-WAN Aware 4.3 P2

Release Notes

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About This Document

Talari Aware release notes inform customers of added features, resolved issues, requirements for use, and known issues in the latest Talari Aware releases.

My Oracle Support

My Oracle Support (https://support.oracle.com) is your initial point of contact for all product support and training needs. A representative at Customer Access Support (CAS) can assist you with My Oracle Support registration.

Call the CAS main number at 1-800-223-1711 (toll-free in the US), or call the Oracle Support hotline for your local country from the list at http://www.oracle.com/us/support/contact/index.html. When calling, make the selections in the sequence shown below on the Support telephone menu:

1. Select 2 for New Service Request.
2. Select 3 for Hardware, Networking, and Solaris Operating System Support.
3. Select one of the following options:
    - For technical issues such as creating a new Service Request (SR), select 1.
    - For non-technical issues such as registration or assistance with My Oracle Support, select 2.

You are connected to a live agent who can assist you with My Oracle Support registration and opening a support ticket.

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A critical situation is defined as a problem with the installed equipment that severely affects service, traffic, or maintenance capabilities, and requires immediate corrective action. Critical situations affect service and/or system operation resulting in one or several of these situations:

- A total system failure that results in loss of all transaction processing capability
- Significant reduction in system capacity or traffic handling capability
- Loss of the system's ability to perform automatic system reconfiguration

- Inability to restart a processor or the system
- Corruption of system databases that requires service affecting corrective actions
- Loss of access for maintenance or recovery operations
- Loss of the system ability to provide any required critical or major trouble notification

Any other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with Oracle.

Locate Product Documentation on the Oracle Help Center Site

Oracle Communications customer documentation is available on the web at the Oracle Help Center (OHC) site, http://docs.oracle.com. You do not have to register to access these documents. Viewing these files requires Adobe Acrobat Reader, which can be downloaded at http://www.adobe.com.

1. Access the Oracle Help Center site at http://docs.oracle.com.
2. Click Industries.
3. Click the Oracle Communications link.

   Under the SD-WAN header, select a product.
4. Select the Release Number.

   A list of the entire documentation set for the selected product and release appears.
5. To download a file to your location, right-click the PDF link, select Save target as (or similar command based on your browser), and save to a local folder.

References

The following documents are available:

- *Talari Glossary*
- *Talari Aware Installation and Upgrade Guide*
- *Talari Aware 4.3 GA New Features Guide*
- *Talari APN 7.3 GA New Features Guides*

About This Product

Supported Combinations

Aware 4.3 GA P2 is supported in combination with the following level(s) of Talari APN:

- APN 7.3 GA P2

Supported Web Browsers

Aware is supported in latest versions of the following web browsers:

- Microsoft IE9 – IE11
- Mozilla Firefox
- Google Chrome

Supported browsers must have cookies enabled.

Supported browsers must have JavaScript installed and enabled.

Installing and Upgrading

If installing for the first-time:

- Install Aware VM Image. See *Talari Aware Installation and Upgrade Guide*.

If upgrading from previous versions:

If upgrading from 2.1 GA or previous:

- Aware version 2.1 MIGRATION needs to be installed on the existing Aware VM prior to upgrading to any version beyond 2.1 MIGRATION. Once you have completed the upgrade to 2.1 MIGRATION once, you may safely upgrade to all later versions of software without the need to reinstall 2.1 MIGRATION a second time.
  If upgrading from Aware 1.0 GA H2 or previous:
- Install full Aware VM Image and perform non-disruptive database migration from the old Aware VM to the new Aware VM. See *Talari Aware Installation and Upgrade Guide*.
  If upgrading from Aware 1.0 GA P1 or later:
- Install Aware Software on existing Aware VM. See *Talari Aware Installation and Upgrade Guide.*

Resolved Issues in Aware 4.3 GA P2

ID	Issue Description
17705	Aware is unable to export configuration packages that are over 2 MB in size to the NCN.

3rd Party Issues Affecting Aware 4.3 GA P2

The following 3rd party issues are known to affect 4.3 GA P2:

ID	Issue Description
11197	We have investigated an issue of data corruption that was reported when upgrading to Aware 1.4 in a storage area network (SAN) environment. No such issue has been found when upgrading to Aware 1.4 in a locally-attached storage environment. Aware supports locally-attached storage due to application performance requirements. See the *Aware Installation and Upgrade Guide* for more details.

Enhancements/Features in Previous Releases

Enhancements/Features in Aware 4.3 GA

The following issues have been enhanced or added since Aware 4.2 GA P3:

ID	Issue Description
17119	Signature Library v1.0 includes more than 100 pre-set application signatures for use in conjunction with Enhanced Application Identification.
16584	Port State Reflection may now be enabled on interface groups which contain more than 2 Ethernet ports.
16537	Aware 4.3 introduces the ability to configure enhanced application identification and traffic steering based on application.

Enhancements/Features in Aware 4.1 GA

The following items have been enhanced or added since Aware 4.0 GA P2:

ID	Issue Description
15423	Users may now configure WANOp on Virtual Talari Appliances using Aware 4.1 GA.

Resolved Issues in Previous Releases

Resolved Issues in Aware 4.2 GA P3

The following issues have been fixed since Aware 4.2 GA P2:

ID	Issue Description
15911	Gaps may be shown in the graphs for a WAN Link with multiple MPLS Queues. The individual MPLS Queue graphs are correct, and the WAN Link should show an aggregation of the component MPLS Queues that make it up. The workaround is to rely on the MPLS Queue graphs.

Resolved Issues in Aware 4.2 GA P1

The following issues have been fixed since Aware 4.2 GA:

ID	Issue Description
16659	On Aware, when authenticating an ADMIN level user remotely on a RADIUS authentication server, the user can come back as a GUEST level user instead of ADMIN. The workaround is to use a local Aware user.

Resolved Issues in Aware 4.2 GA

The following issues have been fixed since Aware 4.1 GA P2:

ID	Issue Description
16360	Exporting SNMPv3 settings from Aware may not work as expected.

Resolved Issues in Aware 4.1 GA P2

The following issues have been fixed since Aware 4.1 GA P1:

ID	Issue Description
15191	In previous releases of Aware, the Average APN MOS calculation is not strictly an average of all MOS values. It is the worst average MOS calculation for the specified application over the selected time period. The calculation is done this way to preserve any bad MOS scores over the time period where a full average over a long time period with a single bad minute would not show that anything bad had happened. This data point has been renamed Worst Average APN MOS.

Resolved Issues in Aware 4.1 GA

The following issues have been fixed since Aware 4.0 GA P2:

ID	Issue Description
15702	In large networks, when exporting a CSV file of report or graph data, the operation can time out and no CSV file is generated. The workaround is to select a smaller time range or fewer elements.

Resolved Issues in Aware 4.0 GA

The following issues have been fixed since Aware 3.1 GA P4:

ID	Issue Description
15178	It is possible that multiple logger_daemon processes can be running on an appliance, which can result in incorrect Talari log file rotation and excessive disk usage.
14931	On the **Monitor > APN Inventory** screen, when the default set of columns is shown, the 'Site' column hyperlinks will not lead to the site Web Console when clicked. The workaround is to go to the settings and turn on the Management IP column, which will populate the links correctly.
14902	If multiple e-mail destinations are specified in the **Manage > Notifications** screen and the SMTP server is unavailable for a period of time, resulting in e-mail messages that are queued up to be sent later, these e-mails will never be sent and the queue will not be emptied, resulting in multiple log messages "Email alert send failure for <event type>" in the Aware_events.log file.
14890	Gaps may be shown in the graphs for a WAN Link that has multiple MPLS Queues in it. The individual MPLS Queue graphs are correct, and the WAN Link should show an aggregation of the component MPLS Queues that make it up. The workaround is to rely on the individual MPLS Queue graphs.