

Oracle® SD-WAN Aware 4.3

New Features Guide



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About This Document

This guide illustrates the new capabilities of Talari Aware 4.3 GA, including new features, configuration commands, and design recommendations to assist you with implementation.

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.

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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.
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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 APN 7.3 GA Release Notes*
- *Talari APN 7.3 Configuration File Reference*
- *Talari APN 7.3 New Features Guide*
- *Talari Aware 4.3 GA Release Notes*
- *Talari Enhanced Application Identification & Talari Application Signatures Guide*

About This Product

Talari APN

Some of the functionality described in this document is only supported for networks where

APN 7.3 GA (or later) has been deployed. See Talari APN 7.3 GA Release Notes and Talari

Aware 4.3 GA Release Notes for more details.

New Features in Talari Aware 4.3 GA

The following sections describe new features and enhancements delivered in Talari Aware 4.3.

Enhanced Application Identification

Aware 4.3 GA introduces the ability to configure Enhanced Application Identification, which offers a significant improvement to how Talari Appliances identify and forward applications. This release introduces the following new application identification enhancements:

- DNS snooping, a less intrusive application identification technique when compared to our existing DNS proxy or manual six-tuple identification mechanisms.
- Simplified application policy configuration, with a default signature library (the Talari Application Signature Library) with over 100 application entries included. Preset application signatures are modular and can be downloaded and upgraded independently of software packages via the regular Change Management process. Talari will provide updates to the application Talari Application Signature Library moving forward based on customer feedback.
- Streamlined configuration elements that make creating an application policy fast and easy. Talari's Enhanced Application Identification is extensible and supports the addition of user-defined categories and applications.
- Applications are assigned to a pre-defined application category, or users may configure additional application categories as required.

By combining all of these capabilities, users can create granular application policies such as steering a single application (e.g., Microsoft Office 365) out the local internet service while forwarding all other SaaS application(s) back to the data center or NCN site. The user can also define the scope of the application policy which could include a single location, all APN sites or a subset of sites depending on user needs. Traditional QoS services are applied for conduit services where the user can map an application to a pre-defined classification or select their own classification from a pre-defined list.

For information on configuring and monitoring Enhanced Application Identification, please see the *Talari Enhanced Application Identification & Talari Application Signatures Guide*.

Summary

Talari's Aware 4.2 GA software introduces the ability to configure Enhanced Application Identification, which improves application identification and application-based forwarding, and includes a default signature library with more than 100 applications included.

Additional information regarding this and other features may be found on docs.oracle.com