



# Avi Vantage for SIP Applications

Avi Technical Reference (v20.1)

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# Avi Vantage for SIP Applications

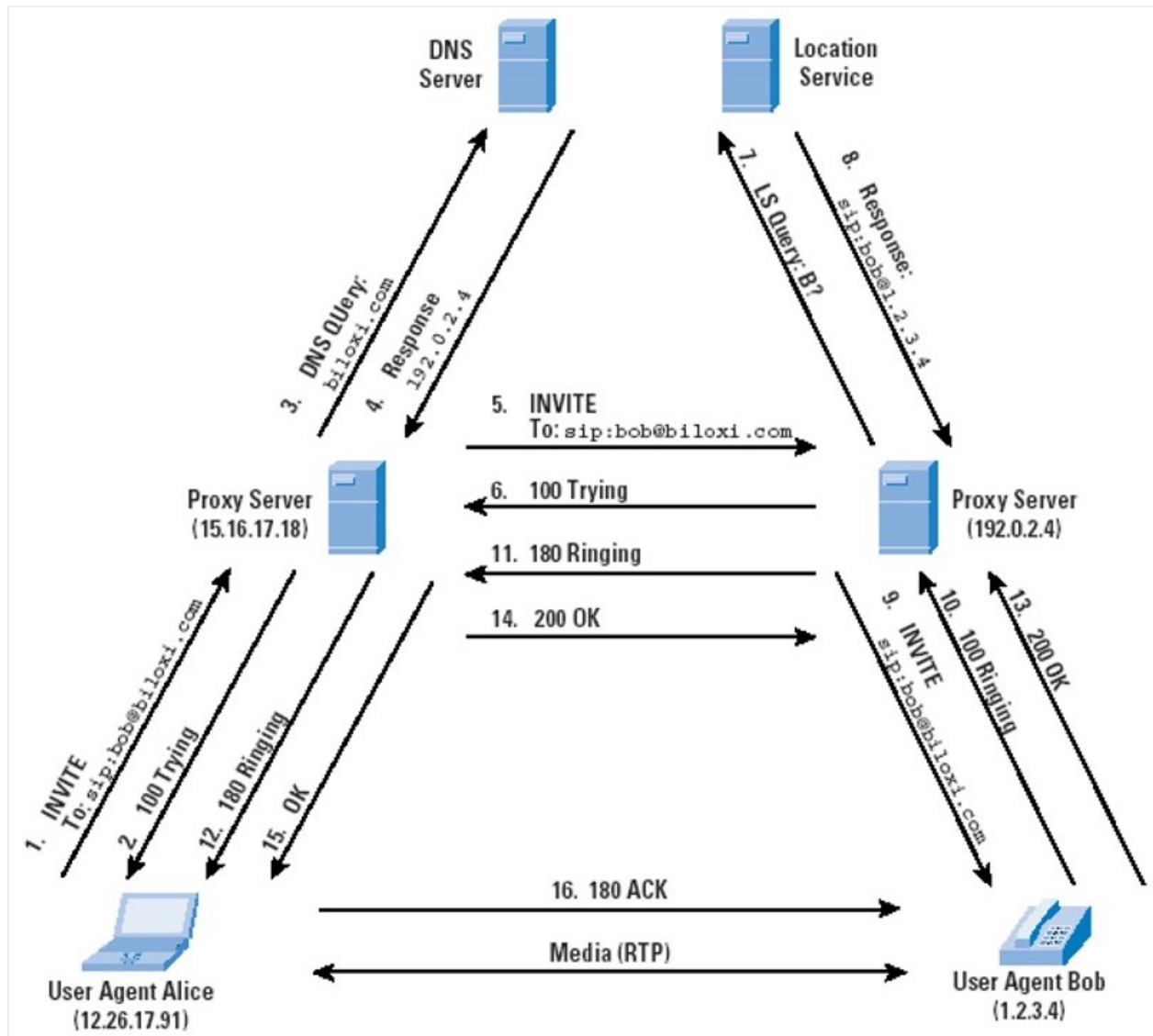
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## Overview

SIP is an application-layer control protocol that establishes, modifies, and terminates multimedia sessions that work without any dependency on the type of established session and underlying transport protocols.

## Sample SIP Call Flow

The following figure represents a sample SIP call flow:



Starting with release 18.1.3, Avi Vantage supports traffic for SIP applications.

The following are the features offered by Avi Vantage for SIP applications: \* UDP proxy ? SIP virtual service over UDP transport \* TCP proxy ? SIP virtual service over TCP transport \* Health monitor ? SIP options over UDP or TCP as configured \* Load balancing ? Consistent hash load balancing based on unique call ID

## References

The following table provides a comprehensive list of links to documentation related to Avi Vantage support for SIP applications:

Documentation	Title
Deploying Avi Vantage for SIP applications	<a href="#">Configuring Avi Vantage for SIP A</a>
Configuring Application profile for SIP applications	<a href="#">Application Profile</a>
Configuring UDP proxy profile for SIP applications	<a href="#">TCP/UDP Profile</a>
Monitoring SIP applications	<a href="#">Health Monitor Profile</a>
Setting load balancing algorithm	<a href="#">Consistent Hash - Call ID</a>
SIP Log	<a href="#">Analytics Profile</a>