

Afaria - Sample Productive Landscape in a Distributed Environment



Applies to:

Afaria 7, 6.6 FP1, Mobile Device Management solution

Summary

This document gives an overview of a sample Afaria productive landscape. This will give you some ideas as well as handy port related information and connection points that will serve as a good reference architecture to find out the communication between individual Afaria components.

Author: Shival Tailor

Company: SAP

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Author Bio

Shival Tailor holds a Director position in SAP's Customer Solution Adoption, Solution Management organization with having worked on various solutions and technology platforms in a capacity of Principal Specialist and Solution Expert helping direct and execute efforts toward innovative solutions while successfully achieving set objectives and goals for Customers, Partners, and SAP internal programs and communities, during Product Life-cycle phases such as Inception, Implementation, Maintenance, and Management with new innovations, rolled-in, and existing solutions and products, focusing on, including but not limited to, Mobile and Cloud Technologies, Industries, Commerce, and Analytics, On Premise, On Demand, and now On Device. Shival Tailor has worked in consulting arena focusing solely on platform technologies with regard to Mobility Implementations as well as SAP end to end landscapes. You can reach him at shival.tailor@sap.com. Shival's public profile can be found at www.linkedin.com/in/shival

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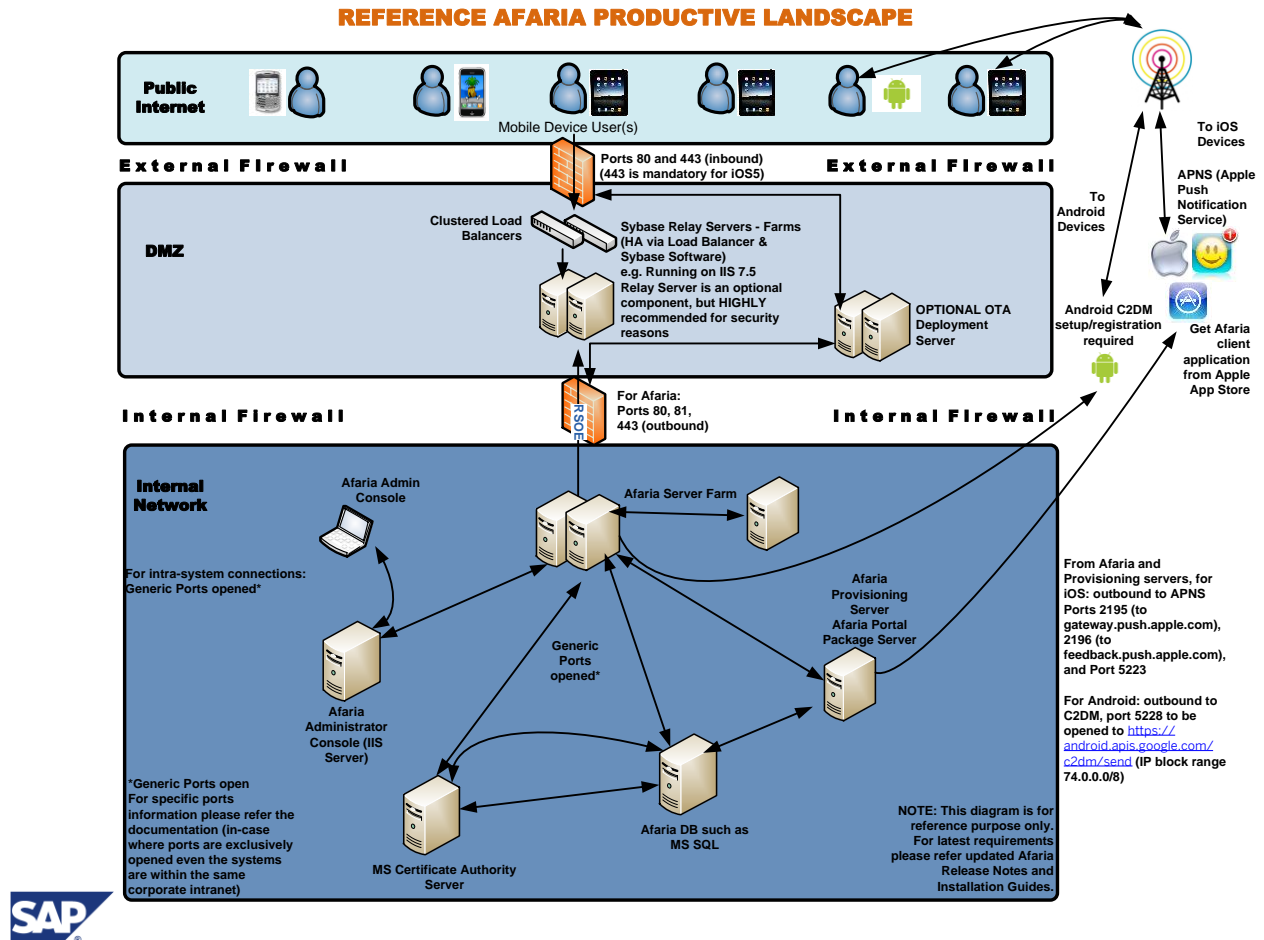
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Introduction

This document will give you an overview of a typical Afaria productive architecture. This landscape serves and is to be used as a reference landscape diagram only and doesn't necessarily reflect or match with a customer's environment.

Diagram



Analysis

The diagram above shows a typical Afaria productive landscape with individual components installed on separate systems. Here you will find the developer's registration requirements as well as the ports that are required to be opened.

The typical end-to-end communication path is also illustrated, starting from devices to Afaria server, routing from and through Apple's APNS service for iOS devices and Google's C2DM service for Android devices via public network.

As shown there typically exists a DMZ environment in an organization. It is highly recommended to have a relay server component (or a proxy mechanism) setup in the DMZ environment so an incoming traffic can be handled via this Relay Server. Afaria functional setup can be possible even without this said Relay Server, although in that case you will need to open required ports directly from your Afaria server components to receive device communication, which is not recommended.

Once the communication reaches Afaria server components, the distributed environment consists of Afaria server itself along with Afaria administrator, Afaria database, Certificate Authority Server, Provisioning server, etc.

As shown in the diagram, you may have additional components of load balancers and OTA server components setup in your DMZ environment.

Please note that generic ports need to be opened between individual components. If you are not sure on the internal communication, please either refer the latest release notes or get in touch with expert consulting.

Related Content

Following please find three important reference documents to understand Afaria architecture better:

[Afaria Technical Pre-requisites](#)

[Sample Afaria DB Installation](#)

[Afaria 6.6 FP1 Typical Post-Installation Steps](#)

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