

## QANTAS APIS TAKE FLIGHT WITH WSO2 TECHNOLOGY

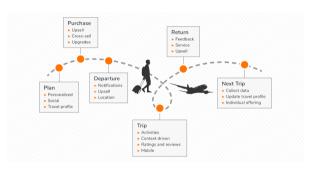
HIGHLIGHTS
Since launching the WSO2 API Manageme

## CHALLENGE

tas relies on technology, people, and processes to ensure that it is well-positioned for rue. In these with this objective, they moved to an APF-first strategy to build a fully con-terioned forts sustained. Whether planning or significant strategy is a full process. Whether planning or significant surface or in Hight assistance, Quantas ensures a seamless journey for its passequest, aging some of its legacy technology to she goved with the company? vision was a cha-as allow in responding to change, had a fixed compute capacity, was costly, and invo-rative manual void.

# Industry: Transport Location: Australia

ABOUT QANTAS



diet to overcome these challenges, Qantas needed a technology revamp that would allow it to speed development tim fide multi-channel services, sensure scalabilities of fuel business agility. The company also required a solution capable surving that any APIs developed met the required security and visibility standards, without becoming a bottleneck that ricted the creativity and speed of development the business demanded. Qantas realized that it needed a modern API

"We were able to successfully launch the platform with limited remote trial support. Since then, we have had excellent support from the WSO2 team through both query support and incident troubleshooting and patching."

Samuel Purchase principal engineer – api management platform

Oantas IT

day WSO2 API Manager is used to provide internal software development teams and partners the ability to secu-blish their APIs for use across Joantas. Meanwhile, WSO2 identity Secret is used as the key manager for the API anager. It also supports single sign on (SSO) to the platform by federating identity to the relevant existing vivides at Clarias. Together, the technologies helped to address three key requirements identified by Clarias:

- Deliver a good user experience for developers by providing self-service capability CUCD pipelines to enable automated API registration. Promote API reuse across stems by increasing visibility across the broad range framework for facilities a subscription-based model for sharing access. Employ API usage analytics and insights to ensure that all APIs are optimized.

intas developed services in Node js to orchestrate the required integration between <u>WSOZ API Managet</u> and its eveloper's build piselines. This has enabled teams to simply provide a Swagper file describing their API solong with a JSO integration file to set configuration requirements, such as where building their API and as to used Node jo to further term <u>WSOZ API Managet</u>, so software developers could publish and invoke serveriess APIs using Amazon Web Services WSO Lambda Inchicular in addition to stratefor HTT Beader adoption.



## RESULT

- stas launched its <u>WS02 API Management</u> platform in April 2018. In the following 12 months, the company increased t obser of APIs published by its teams by tenfold, saw a 500% increase in the volume of managed API traffic, and more in balved its operating costs whem measured against raffic volume.