happiest minds
The Mindful IT Company
Born Digital . Born Agile

Cost effective SD-WAN solution for a leading Internet service provider

BUSINESS REQUIREMENTS

Develop a cost effective SDWAN solution, enabling enterprises to save on Capex and Opex

The edge device has to be low cost and programmable

Development of Traffic Measurement for analysis enabling intelligent steering decisions

OUR SOLUTIONS

Developed SDN application for the Open Day Light Controller enabling dynamic and policy based route selection.

Integrated DPDK and OVS on x86 based COTS to deliver high performance and near line rate edge device

Developed traffic analysis tool and integrated network analytics solution on the controller to provide network visibility and intelligence.

TOOLS /TECHNOLOGIES

SDN Controller: Open Daylight

Open vSwitch (OVS), DPDK

Java, Python, C, C++, Angular JS

BUSINESS IMPACT

Our Ultra low cost solution enabled the client to be a leading SDWAN service provider and open up business opportunities in the SDWAN space.

8X 8x bandwidth cost savings demonstrated to the customers with minimal CAPEX expenditure of <$100 per site

93% 93% of line rate throughput using IMIX traffic profile using DPDK

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About Happiest Minds Technologies

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality.

Headquartered in Bangalore, India; Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.

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