



Issue#1

EoMPLS Layer Two Solution

Data and Business Development Department
Wholesale Business Unit



Introduction

Orange Jordan which is one of Orange subsidiaries is a leading provider for Fixed, Mobile ,Internet & connectivity services in Jordan, its considered as the backbone of the Hasimite Kingdom of Jordan in providing most advanced and high quality telecommunication services.

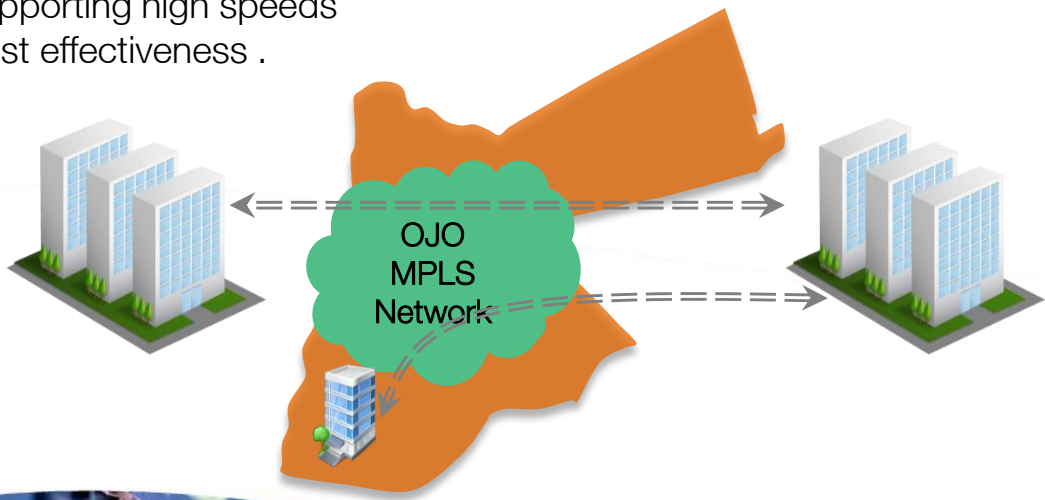
Orange Jordan provides Individuals, Enterprise and Wholesale customers with best quality of service solutions with the most competitive prices to meet their aspirations and to gain their satisfactions.

One kind of connectivity services that Orange Jordan provides to its Wholesale customers is EoMPLS service.

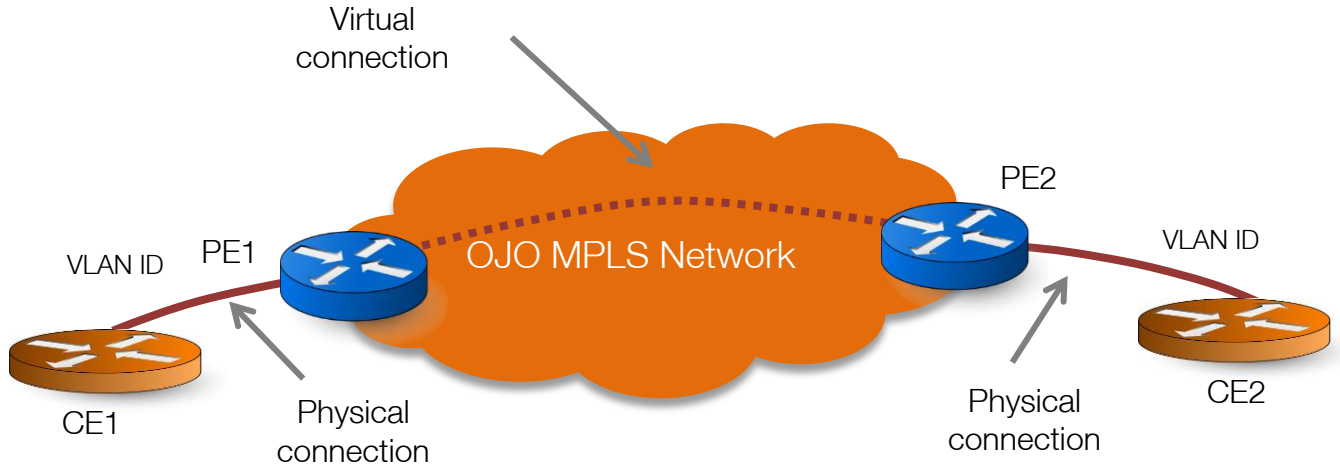
In this service an Ethernet link between two endpoints is created and allows Ethernet protocol data unit to be carried across MPLS network.

EoMPLS is highly requested by customers nowadays because of:

- Bandwidth efficiency .
- Secure & dedicated network.
- Flexible topology .
- Operational Simplicity.
- Supporting high speeds
- Cost effectiveness .



Standard Model



CE: Customer Equipment
PE: Provider Edge Equipment

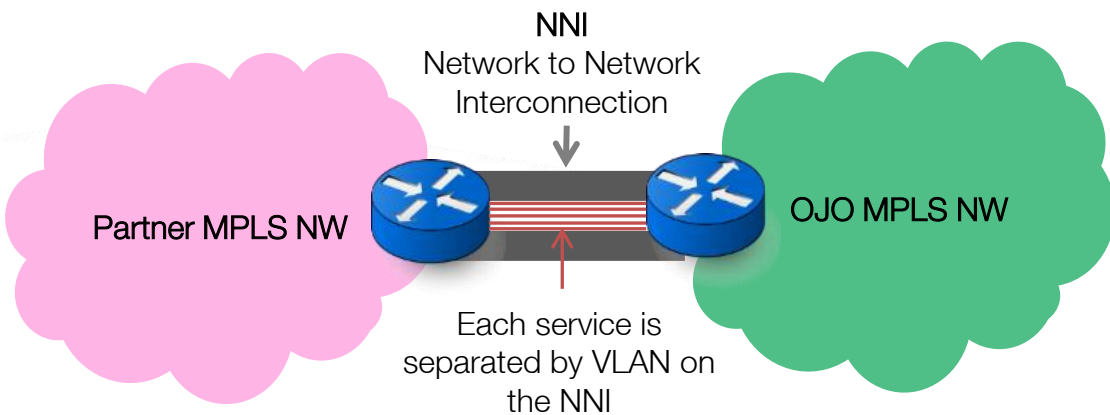
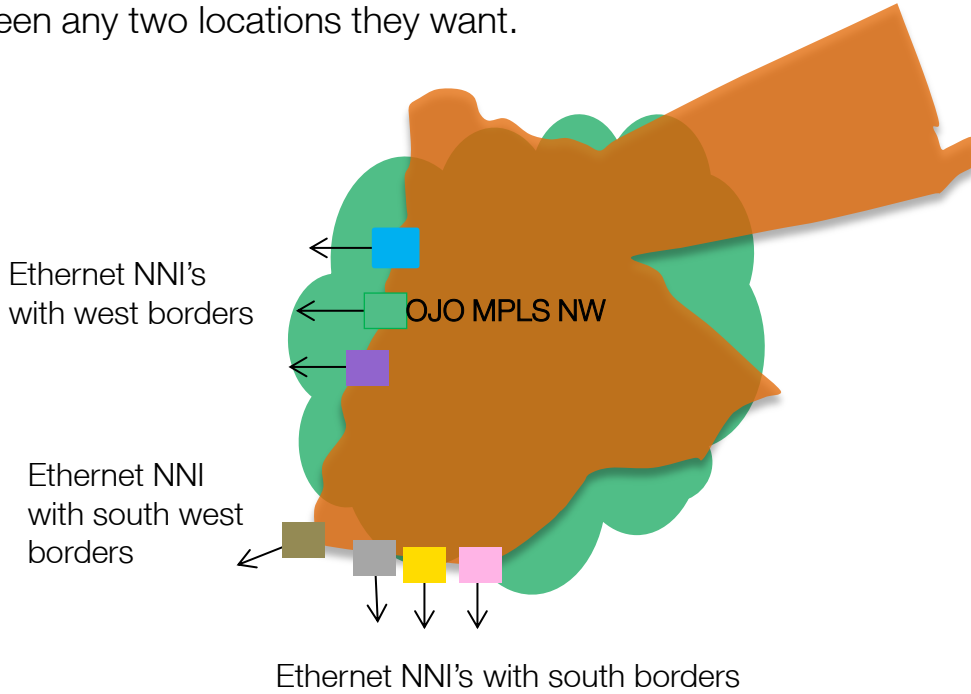
Supported capacities:

Capacity available from 1Mbps up to 150 Mbps and higher capacities are also available on case by case basis.



Ethernet NNI's

Multiple number of Ethernet NNI's between Orange Jordan and neighbor operators are available to support providing this service for customers between any two locations they want.



Technical specifications

- Alcatel 7750 & Juniper MX960 are used to deliver the service based on the design and the topology.
- Support 802.1q VIAN Transparency.
- MTU size available :1500 & 4470.
- RFC testing available.
- Standard lead time is 4-8 weeks for on net or case by case basis.

CPE types available in our stock

- The models that are available in our stock are Huawei routers series AR168F and AR169FGW ,other models can be ordered based on preordered study.

Contact details

For any further details or service request please contact us on the below email:

CapacityWS@orange.com



Summary table

Service Name	L2 service
Technology used in Backbone	EoMPLS
Available bitrates	1,2,4,6,8,10,20,30,40,50,60,70,80,90,100,150. Higher capacities are available on case by case bases.
MTU size available	1500 and 4470.
Jumbo Frame	Supported in case needed.
Encapsulation Dot1Q	Supported .
Auto-Negotiation	Supported in case needed.
Media	Copper and Fiber. Microwave also available if needed.
Physical interface	100BaseT,1000BaseT,1000BaseLX
Physical interface presentation	RJ45,SC/PC
Protection	-Backbone protected with single access to customer location. -Protected with dual access to customer location. -Unprotected.
Testing	RFC testing.
CPE	Huawei routers series AR168F and AR169FGW ,other models can be ordered based on preordered study.





Thanks for reading !

Orange Jordan team

