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MPLS

MPLS

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MPLS (multiprotocol label switching) –

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MPLS
LSP.

MPLS

(Forwarding

Equivalence Class, FEC),

(Label Switching Router, LSR).

MPLS

LSR

— OSPF, BGP, IS-

MPLS

IS.

[1].

(Label Distribution Protocol,

LDP),

[2].

LSR
MPLS

LSR

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LSP

, LSR

MPLS

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LSP

LSP.

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LSP.

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IP-

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LSP

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[3].

MPLS

MPLS

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MPLS

MPLS

MPLS.

MPLS

FEC,

LSR.

MPLS [4]. MPLS [5].
 MPLS — FEC
 IP- LSP,
 LSP MPLS
 LSR
 IP- FEC WRED, WFQ CBWFQ,
 MPLS
 LSP
 RSVP
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MPLS

MPLS

TRAFFIC MANAGEMENT AND BENEFITS OF MPLS TECHNOLOGY

S.V. Hubankov, A.V. Martinenko, H.V. Starkova, K.V. Gerasimenko

The article describes the traffic control features and benefits of using MPLS technology in computer networks.

Keywords: traffic management, switching, label, datatransmission.