Abstract

This paper represents a strategy that makes an optimal use of available spectrum for primary and backup paths for serving the connection requests. Various strategies have been used by different researchers such as SBPP (Shared Backup Path Protection), MPP (Multipath protection) and DPP (Dedicated Path Protection). The strategy we are going to use for optimization of primary and backup spectrum allocation is BSR-MPP (Backup Spectrum Reservation with Multipath Protection) in which available spectrum is divided into two parts namely primary spectrum and backup spectrum and we can use the path with better availability and less congestion no matter the path is secondary or primary.
References


Index Terms

Computer Science  Security

Keywords

Multipath Routing  Protection And Restoration  Bsr-mpp  Slice  Frequency Slots(fs)