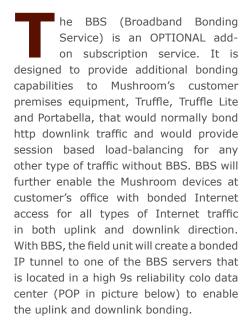


BROADBAND BONDING SERVICE

Enabling Uplink Bonding





FEATURES

Aggregated capacity- All uplink and downlink traffic from and to the Mushroom Networks CPE device will have the aggregated bandwidth of the combined Internet access links even for single connections, such as a single VPN. Bonding will work even with access lines from different ISPs.

Link failure recovery - In case of Internet access line failures in one of the Internet access lines during an active session, the system recovers the ongoing session by redistributing the load (including the lost packets) over the available access lines, even for the sessions in progress, without loss of data integrity.

Improved network reliability Automatic failover at the Mushroom CPE protects against failures of one or more access link outages, as it will not cause failure of the aggregated access link as long as at least one access link is still active, resulting in less downtime for the connection between

Mushroom devices.

Transparent installation – The existing Local Area Network in the office location does not require any changes. All the installation and configuration is handled through the web based user interface.

Inbound Traffic Continuity - Static Elastic IP addresses at the data center device can be mapped to customer's local IP addresses and can be used for inbound traffic such as web-servers, VPN servers or any server application. This will enable the continuity of a session even during a disconnect of access lines that are bonded, as long as one of the lines are up.

Advanced QoS algorithms – All traffic routed through the Cloud Mushroom Truffle server is intelligently managed to prioritize real-time traffic. Additionally a unique set of proprietary algorithms are implemented to improve traffic latency metrics and these metrics can be monitored and configured.

Highly available Cloud Service

- Mushroom's broadband bonding service is a fully managed service delivered via highly redundant and high performance data center infrastructure around the globe.

