

# LinkSec PAR

## Scope and Purpose

Dennis Volpano  
Cranite Systems Inc.

# Scope

12. SCOPE: To develop a security architecture and bridge (.1D) security protocols, compatible and interoperable with Provider Bridged Local Area Network protocols (.1ad) to provide separate and secure instances of the MAC service to multiple independent users of a Bridged Local Area Network (.1D, .1Q) in a manner that allows the MAC service to be reliable and controlled by the Provider on shared-media LAN segments (.3ah, .11, .16, .17).

# Purpose

13. PURPOSE: This standard will enable a Service Provider to offer the equivalent of separate and secure LAN Segments, secure Bridged or Virtual Bridged LANs, to a number of independent users, over the Provider's bridged network.