



# SRP and OpenIB

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# Current SRP Status

## SRP = SCSI RDMA Protocol

- **Published T10 standard for SCSI over RDMA transport**
  - Transport SCSI commands/responses over RDMA channel
  - Data movement done via RDMA operations initiated by target
- **OpenIB SRP initiator in Linux kernel 2.6.15**
- **Target discovery done in userspace**
- **Vendor BIOS ROM extensions for boot from SRP**

# Future Enhancements

- **Performance optimization**
  - FMRs to merge gather/scatter lists**
- **Statistics and tunables**
- **Improved target discovery and management**
- **Multipathing integration**
  - Linux dm**
  - vendor MPIO**

# Q and A



# CISCO SYSTEMS

