

Multicast testing with Iperf

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Iperf basics

- Does tcp and udp throughput tests.
- Designed as an improvement to applications like nettest and ttcp
- Relatively intuitive options. Much easier for users to understand and operate
- Applications, documentation and examples at <http://dast.nlanr.net/Projects/Iperf>

Multicast Highlights

- **Control stream bandwidth**
- **One sender, multiple receiver model**
- **Currently, there is no remote control. Have to have shell access at all points.**
- **Various Access Grid uses:**
 - **Check multicast connectivity beyond the beacon**
 - **Check high-rate multicast packet loss, misordering**
 - **Check available bandwidth**
- **Warning: Very easy to abuse.**