Enabling Large Scale Network Simulation with 100 Million Nodes using Grid Infrastructure

> Hiroyuki Ohsaki Graduate School of Information Sci. & Tech. Osaka University, Japan oosaki@ist.osaka-u.ac.jp



2. List Services and Outcomes

- Services Provided
- Discrete-event simulation for a given network model and traffic matrix
- Outcomes
- Simulation event log for each packet processing

3. Select Metrics

- Speed (case of successful service case)
 Individual
 - 🗸 None
 - Global
- ✓ Time required for completing all simulation events Reliability (case of error)
- ✓ None
- Availability (case of unavailability)
- ✓ None











- 9. Analyze and Interpret Data
- **√** ?



10