

NODEDETAILS

The Metadata of the NODEDETAILS at SLAC is given

Name	Null?	Data Type	Use
NODENAME	NOT NULL	VARCHAR2(100)	DNS host name
IPADDRESS		VARCHAR2(15)	IPv4 address
SITENAME		VARCHAR2(100)	Domain name of the node
NICKNAME		VARCHAR2(35)	Abstraction of the hostname with the TLD first ¹
FULLNAME		VARCHAR2(100)	Human-friendly description of the node/site
LOCATION		VARCHAR2(100)	City and/or State/Province/Region for node ²
COUNTRY		VARCHAR2(100)	Country for node
CONTINENT		VARCHAR2(100)	Continent or region where node is thought to be located ³
LATANDLONG		VARCHAR2(25)	Latitude and longitude of node
PROJECTTYPE		VARCHAR2(10)	Flags describing how nodes are used ⁴
PINGSERVER		VARCHAR2(100)	URL for requesting a ping from this node to another ⁵
TRACESERVER		VARCHAR2(100)	URL for requesting a traceroute from this node to another ⁵
DATASERVER		VARCHAR2(100)	URL for retrieving PingER data from this node ⁵
URL		VARCHAR2(100)	URL for the home page for the institution running the node
GMT		VARCHAR2(10)	Node's time offset from GMT, not used
COMMENTS		VARCHAR2(4000)	Comments and notes on when and how the node's record was last updated ⁶
APP_USER		VARCHAR2(20)	Windows user name of the last user to edit the node's record through the UI
CONTACTS		VARCHAR2(100)	Name and email address(es) of the node's maintainer(s)
PING_SIZE		NUMBER	Size of pings to be sent to the node - only controls SLAC's PingER install

Data File from Monitoring Site:

The Format of the data file downloaded from monitoring site is as follows. Here is the one line of data file got from monitoring site of uet.edu.pk

```
pinger.uet.edu.pk 111.68.102.14 waib.gouv.bj 81.91.232.2 100 1299198408 10 10  
385.896 386.703 387.492 1 2 3 4 5 6 7 8 9 10  
316 299 320 293 283 300 331 289 303 318
```

This data shows

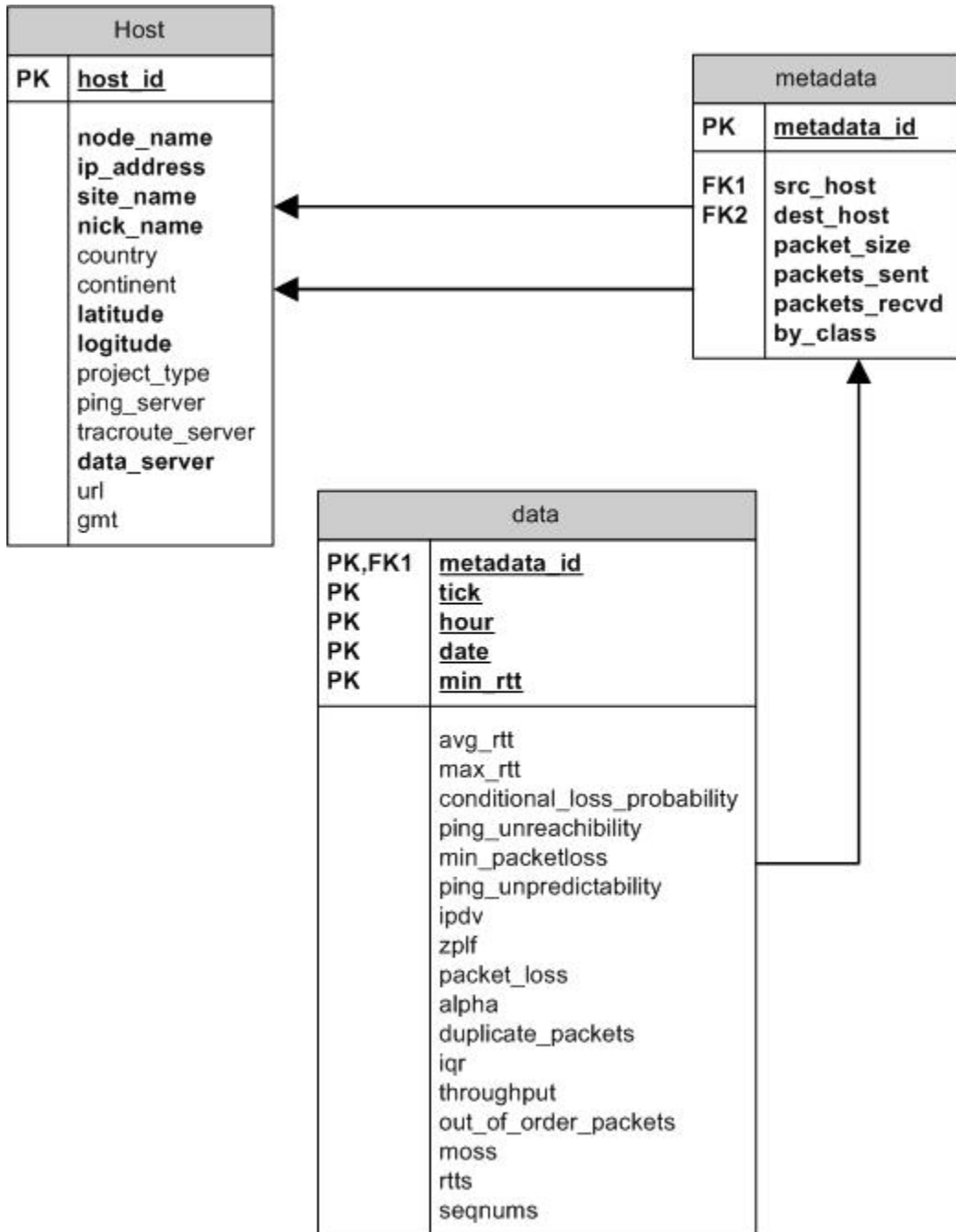
Monitoring host name, Monitoring host IP, Remote host name, Remote host IP, Packet size, Unix Epoch Time, Packets sent, Packets received

First three fields of second part of this line are:

Minimum RTT, Average RTT, Maximum RTT

Remaining fields are sequence numbers of packets from 1-10. Similarly third part of line contains RTTs of respective sequence numbers of packets.

Test Schema Deployed at SEECs:



The Perfsonar Schema:

