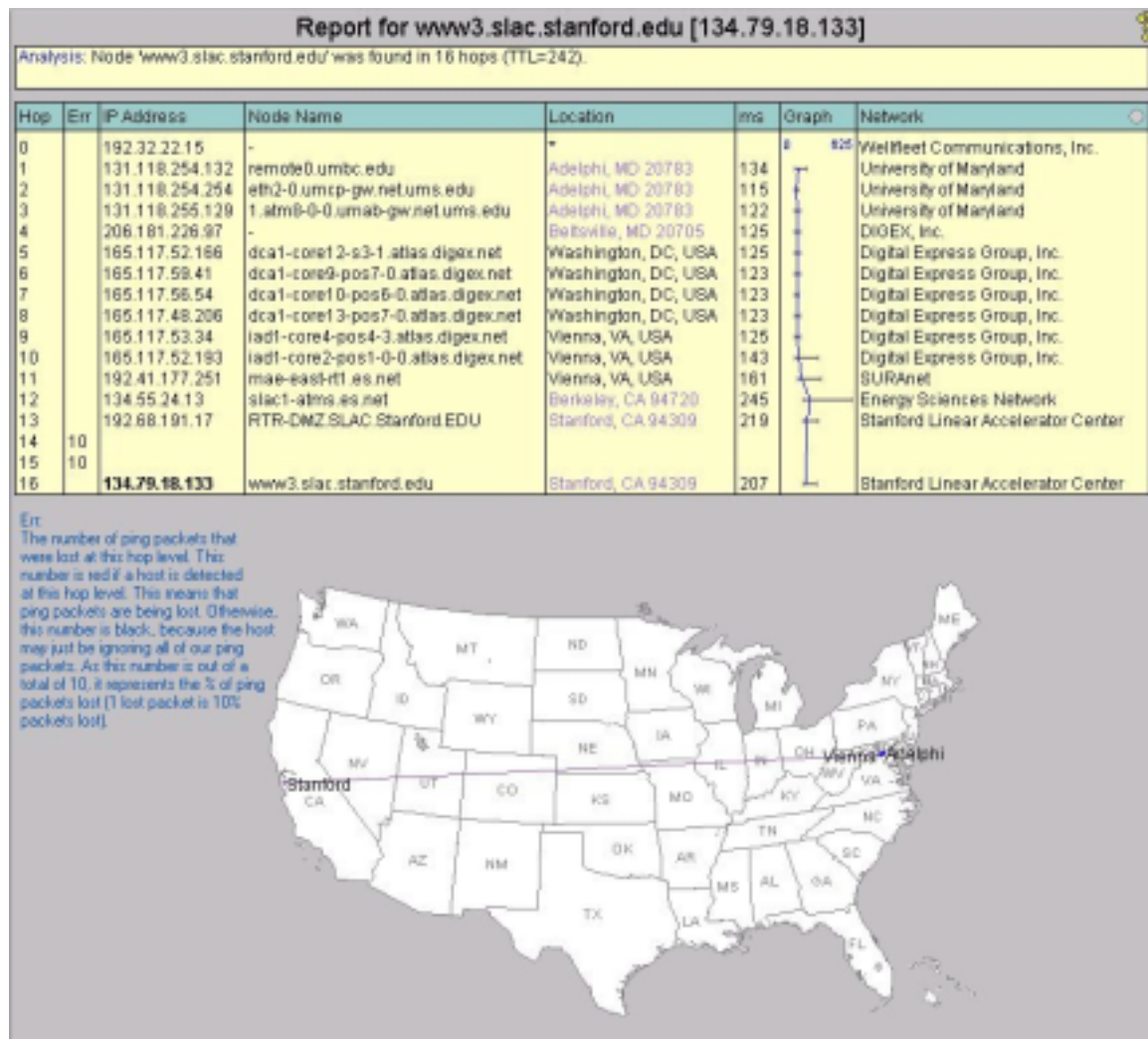


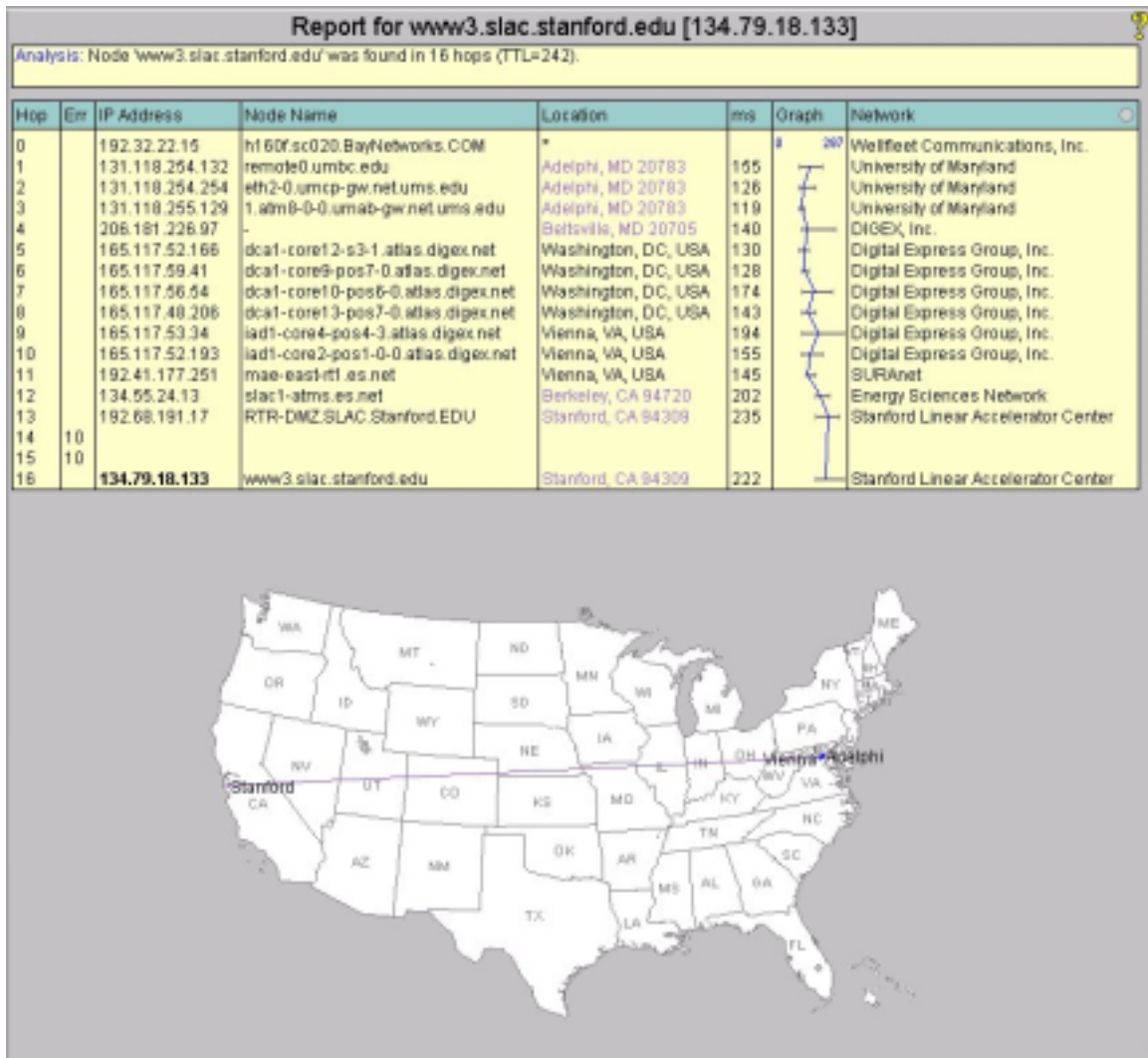
Explorer 2:

Part 1: Traceroute

Traceroute 1 from gl.umbc.edu to slac.stanford.edu.



Traceroute 2 from gl.umbc.edu to slac.stanford.edu. Remote access at a later time showed no change in assigned IP number. Normally, when using dynamically assigned IP numbers, a different IP number would have been assigned.



Part 2: JavaScript

This original Dancing Links JavaScript was gotten from Cut and Paste JavaScript News Letter at <http://www.infohiway.com/javascript/indexf.htm> and was modified for this exercise. It has been tested for IE 5 and found functional. It was found to be non-functional for Netscape 4.6. Ironically, I found the Cut and Paste JavaScript News Letter via a Netscape JavaScript link.

See my homepage at <http://www.gl.umbc.edu/~gsutte1/> to see its functionality.

NOTE: The dynamic links will not function correctly using Netscape 4.6.

```
<script language="JavaScript">
function initArray() {
  for (var i = 0; i < initArray.arguments.length; i++) {
    this[i] = initArray.arguments[i];
  }
  this.length = initArray.arguments.length;
}

// you may fill this colors array with your colors.
// the script will rotate the links through these colors
var colors = new initArray(
  "#008000",
  "green",
  "#C6C68C",
  "green",
  "blue",
  "purple",
  "red");

pause_time = 1.0; // in seconds

link = 0; // starting color index (in colors array) for unvisited links
vlink = 4; // starting color index (in colors array) for visited links

function linkDance() {
  link = (link+1)%colors.length;
  vlink = (vlink+1)%colors.length;
  //alert("link "+link+"\r\nvlink "+vlink+"\r\nvlinkColor "+document.vlinkColor);
  document.linkColor = colors[link];
  document.vlinkColor = colors[vlink];
  setTimeout("linkDance();",pause_time*1000);
}
linkDanc
```

Part 3: High speed local access.

Bell Atlantic does not provide DSL service to my residence. With recent deregulation other providers are marketing this service but the cost is greater than Bell Atlantic's. Cable modem is available.

ISDN is available but not recommended due to the charging scheme.