Lightning Talk

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Pre-College Enrichment Program





Network Administration Class

How does the internet work?

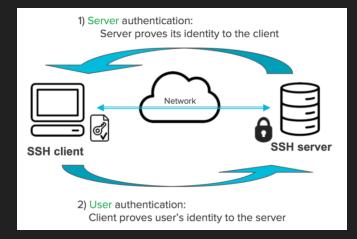
CORE CONCEPTS

- Internet Addresses
- IPv4 and IPv6
- ISP
- TCP/IP Protocol Stack
- Network Infrastructure
- DNS Mapping
- HTTP



Using the Terminal





Hosting a website on your own machine using Python

| http://localhost:8000/html/ × + | 8 🖱 🗇 hanif@08: ~/public |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Collocalhost:8000/html/ | <pre>hanif@08:~/public\$ python -m SimpleHTTPServer Serving HTTP on 0.0.0.0 port 8000</pre> |
| Hello World | 127.0.0.1 - [11/Aug/2016 10:52:55] "GET /html/ HTTP/1.1" 200 127.0.0.1 - [11/Aug/2016 10:52:55] "GET /html/ HTTP/1.1" 200 |
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