

ITC 250/CPET 499 Web Systems

Lecture 5

Topics of Discussion

1. Networking Services for Web System Deployment
2. Web Hosting Solutions
3. IT Service Solutions
4. Data Centers
5. Cloud-based Network Services

1. Network Services for Web System Deployment

- Enterprise Application
- Mobile Users Access
- E-Commerce Application
- E-Business Application

Networking Services

- On-Demand Networking Services (Internet Connectivity, Network, VPN, Ethernet, WiFi)
 - AT&T Network Service on Demand, 1:47 min, <http://www.business.att.com/enterprise/Portfolio/network-services/?source=EENT042114500139N#fbid=1ls-ldj3sqW>
 - AT&T Move Beyond Your LAN and Ethernet Services, Video, 3:08 min, http://www.business.att.com/enterprise/Family/network-services/ethernet/?&WT.srch=1&source=EENT491bJMECqmg8qrzv&wtpdsrchprg=Enterprise%20-%20Ethernet&wtpdsrchgp=ABS_SEARCH&wtPaidSearchTerm=on%20demand%20networking&wtpdsrchpcmt=on%20demand%20networking#fbid=1ls-ldj3sqW
 - Comcast Business Ethernet, <http://business.comcast.com/ethernet/products#2>
 - Static IP, <http://business.comcast.com/internet/business-internet/static-ip>
 - Dedicated Internet
 - Virtual Private Line
 - Network Services
 - Ethernet as Home
 - Industry Solutions

2. Web Hosting Solutions

- Storage (MB, GB), Data Transfer, Site Builder, Site Promotion, Newsletter Broadcast, Web analytics, Instant Business Broadcast, Siteblog/BizBlog, FTP access, FrontPage SSL, CGI support, PHP, Ecommerce Merchant Shopping Cart, E-Commerce, Trust Dedicated SSL Certificate
- Top 10 Best Web Hosting List 2016, <http://www.webhostingbest10.com/>
 1. eHost.com (\$2.75), <https://www.ehost.com/>
 2. HostClear (\$2.99), <https://www.hostclear.com/>
 3. iPage (\$1.99), <http://www.ipage.com/ipage/index.html?source=ELI&PPCPN=>
 4. ideaHost (\$2.99), <https://www.idealhost.com/>
 5. SiteBuilder (free), <https://www.sitebuilder.com/>
 6. Bluehost (\$3.95), <http://www.bluehost.com/>
 7. HostGator (\$3.95), <http://www.hostgator.com/>

- 8. JustHost (\$3.95), <http://www.justhost.com/>
- 9. WebSiteBuilder (Free), <https://www.websitebuilder.com/>
- 10. CloudHosted (\$5.95), <https://www.cloudhosted.com/>
- Indiana Data Center, <http://www.inddc.com/>
 - Hosted solutions, Domain Services, Internet & Connectivity
- Comcast, <http://business.comcast.com/internet/business-internet/web-hosting>

3. IT Service Solutions

- Fort Wayne IT Solutions, <http://www.fortwayneits.com/services.html>

4. Datacenters, Locations & Videos

- Indiana Data Center, Fort Wayne, <http://www.inddc.com/>
- Microsoft Datacenters (Video), <http://www.microsoft.com/en-us/server-cloud/cloud-os/global-datacenters.aspx>: Chicago Datacenter
- Windows Azure Datacenter Locations, https://www.google.com/maps/d/viewer?mid=zM2uqako3ipc.kqOGsydsQSSA&hl=en_US
- Datacenter Knowledge, <http://www.datacenterknowledge.com/archives/2015/06/03/first-two-microsoft-data-centers-coming-to-canada-in-2016/>
- Uber (San Francisco-based), has bought a Microsoft datacenter and other assets that support mapping image collection operation for Bing, <http://www.datacenterknowledge.com/archives/2015/06/30/uber-buys-microsoft-data-center-map-imaging-operation/>

5. Cloud-based Network Services

- Infrastructure as a Service, IaaS
- CISCO Cloud Solutions, <http://www.cisco.com/web/solutions/trends/cloud/index.html>
 - o High Performance on Low Budget, Video, 2:22 minutes
- CISCO, <http://www.cisco.com/>
 - o Apple + CISCO
 - o Intercloud Fabric
 - o 10 Gb Aggregation Switching
 - o Deploy and Innovate with IoT