

Computer Science
Business Partnership Council Minutes
Thursday, April 11, 2013
4:00pm – TC 427

- I. Introduction of Members
 - a. David Knopp presented completer rates and FTE and he showed the Academic Program Report which showed an upward trend in enrollment and completers.
- II. How is server virtualization used in your company?
 - a. Robert Haine stated that at SFWM (South Florida Water Management) Microsoft Servers were used for virtualization; VMWare was also used, as was Parallels on Macs. Cary Anderson said that his company used Xen for virtualization of application servers, since it is open source. He also mentioned that they had an ID system and a gate system.
- III. What types of storage (SAN or NAS) are used in your company?
 - a. Robert Haine stated that at SFWM Windows shadow copy was used to connect and store information on external disks (SAN). He also said that SFWM was connected to the NAS in Miami over a 30Gpbs connection and terabytes of data were stored. Robert mentioned that a new telecomm hotel and data center had been built above the 100 year flood plain and that it could withstand 240 mile/hour windows. The data was also mirrored in Miami. Robert mentioned that there is a Storage Administrator certification. The connection to the NAS is over the Florida Fiber Net. Cary Anderson's company uses MetroEthernet. Many companies are also migrating to cloud services. Office 365 and SkyDrive are being used increasingly.
- IV. What server-side programming languages are used by your company?
 - a. C#, Java (JSP)
 - b. Good Java programmers can make six figure salaries.
- V. What skills do your cyber-security personnel have? Do you have any staff whose sole role is to implement cyber-security?
 - a. Espionage and identity theft are major threats.
 - b. Network+ and Security+ are good certifications.
 - c. Knowledge of how to configure security devices such as Juniper security appliances is valued.
 - d. Security may be contracted out to Symantec and KDT.
 - e. Auditors and regulators require a certain level of security for data.

- VI. What are the new services or technologies that students should be able to configure?
- a. HTML 5
 - b. Proxy configuration for Audio/Video
 - c. Knowledge of facetime and skype is required.
 - d. Tablet sales are up, so application development is growing in these areas.
- VII. Set date for next meeting
- a. Friday, October 11, 8:30am to 9:30am
 - b. WebEx or some other online collaboration software for an online meeting
- VIII. Complete evaluations
- a. Evaluations will be emailed to the BPC members.
- IX. Adjourned

Attendees:

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