

Storage Area Networks – Configuration and Management Objectives

Department of ISE conducted Faculty Development Program on “Storage Area Networks – Configuration and Management Objectives” Successfully on 29th, 30th June & 1st July 2015 from 08:30 AM – 04:00 PM in the Seminar Hall No 5. Faculty members from ISE, CSE & MCA departments of MVJCE and various colleges were invited and participated in the same.

Resource Persons: Mr. Manjunath, Director & CEO, Mrs. Prathibha Venkatesh, Manager- - Business Development & Partner Relations, Ms. Basamma C H, Service Engineer, and Mr. Sreedhar P N, Engineer Technical support & Services from Datalifecycle.com Pvt Ltd, Bangalore. Mr. C.N.Shashidhar, CISA, CRISC, President, ISACA Bangalore Chapter.



Conduction of the Event was as follows:

Day 1 – 29-06-2015

“PRIMARY STORAGE INFRASTRUCTURE (DAS, SAN & NAS)”

09:15 AM – 9:30 AM : Welcome Address by Mrs.Pushpalatha.M, HOD –ISE.

Mrs.Pushpalatha.M, HOD – ISE, welcomed Resources Persons Mr. Manjunath, Director & CEO, Mrs. Prathibha Venkatesh, Manager- - Business Development & Partner Relations, Ms. Basamma C H, Service Engineer, and Mr. Sreedhar P N, Engineer Technical support & Services from Datalifecycle.com Pvt Ltd, Bangalore. She also welcomed Faculty members of CSE, ISE and other colleges. She gave brief information about the profile of resource persons & objective of the FDP.

09:30 AM – 11:00 AM :

Mr. Manjunath explained Storage Fundamentals, Storage Architecture – DAS, SAN and NAS Introduction to FC & IP SAN. Introduced data center, RAID levels. Solved few problems on RAID Levels. He also provided practical demonstration of primary storage systems, complemented the theoretical study of SAN subject.

11:20 AM - 12:30 PM :

Ms. Bassama gave a live demo of DAS configuration. Provided an opportunity of LIVE access to multi-vendor Storage systems. Hands on for the faculty was provided to practice.



01:30 PM – 3:00 PM:

Mr. Manjunath explained DAS components, protocols, and need of DAS, how to store and access file, file systems in a DAS & its advantages.



3:00 PM – 4:00PM:

Ms. Bassama gave a live demo of DAS, FC SAN configuration, Network attached Storage, set up and configuration. Hands on for the faculty was provided for practice.



Day 2– 30-06-2015 –

“ FC SAN , IP SAN, SAN-NAS comparison”

08:30 AM – 11:00 AM :

Mr. Manjunath explained FC & IP SAN. Ethernet evaluation, iSCSI and its management software. Also briefed about the protocol stack, packet data transfer and NAS OS optimization, file systems.

11:20 AM - 12:30 PM :

Ms. Bassama gave a live demo of NAS components. Hands on for the faculty was provided for practice.

01:30 PM – 3:00 PM:

Mr. Manjunath explained NAS performance and scalable requirements were discussed

3:00 PM – 4:00PM:

Ms. Bassama gave a live demo of NAS configurations. Hands on for the faculty was provided for practice

Day 3 – 30-06-2015 –

“DATA PROTECTION and STORAGE VIRTUALIZATION”

08:30 AM – 11:00 AM :

Mr. Manjunath explained about Data Protection need and its types - Snapshot, Backup, RAID and Replication. Snapshot – Types and options. Remote server backup procedure was discussed.

11:20 AM - 12:30 PM :

Ms. Bassama gave a live demo of generating snapshots, creating Logical drives, mapping to the LUNs, creating mounts on different file systems, generating snapshots. Hands on for the faculty was provided for practice.

01:30 PM – 2:30 PM:

Mr. Manjunath explained Storage virtualization- its need and infrastructure management. Explained how to create virtualizations, managing SAAS, IAAS. Explained storage Infrastructure as well.

02:30 PM – 03:00 PM:

Mr. C.N.Shashidhar, CISA, CRISC, President, ISACA Bangalore Chapter was pleased to delegate a lecture on security and its importance in Storage and network .

3:00 PM – 3:40PM:

Ms.Bassama gave a live demo of how to create virtual environment to manage resources, generate backups on different environments.



3:40 PM – 4:15 PM: Valedictory Function

Mrs. Shilpa gave vote of thanks. She thanked the Management, Principal, Vice principal, HOD and fellow faculties who helped in making this event a success. Also she thanked resource persons for their valuable, effective and informative lecture with live demonstration.

Mrs. Prathibha, Manager, DataLifeCycle.com, along with our Principal issued certificates to all our participants. DataLifeCycle.com Team thanked our management for providing such an opportunity to deliver lecture and help to build industry – academia relationship thereby reducing the gap between the industry and curriculum.




Principal Signature with Seal
Principal
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