

Join IIHT's Advanced Diploma in Server Administration Programme Today!

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- \* Experience State-Of-art infrastructure.
- \* At IIHT's programme in Advanced Diploma in Server Administration Learn CCNA, Vmware, Introduction to Virtualization, Cloud Introduction, Introduction to Python Scripting.
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- \* Some Job Opportunities for Diploma in Network Security are Server Support Engineer, Server Administrator, Lead IT Support Engineer, Linux System Engineer Technical Support Engineer and so on.
- \* Server Administrators are in high demand.
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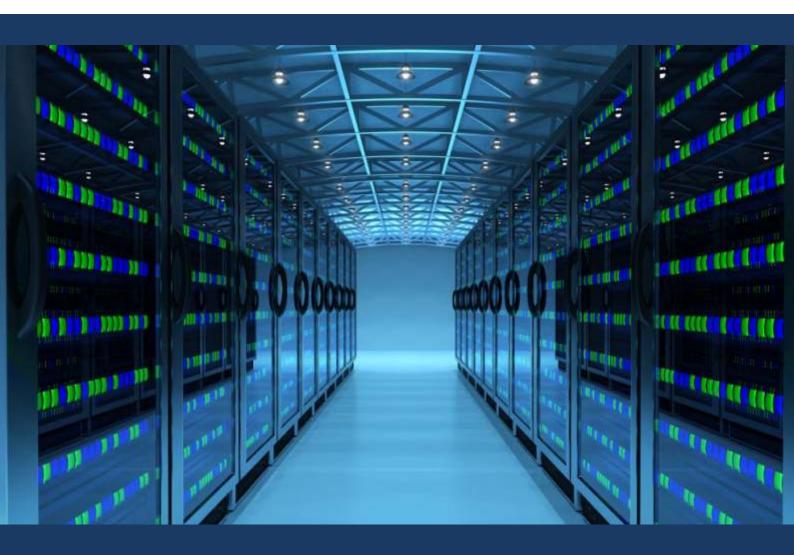
**Course Duration: 170 Hours** 

### **CCNA**

- Building a Simple Network
- Establishing Internet Connectivity
- Managing Network Device Security
- Building a Medium-Sized Network
- Troubleshooting Basic Connectivity
- Wide-Area Network
- Implementing an EIGRP-Based Solution
- Implementing a Scalabe, OSPF-Based Solution
- Network Device Management

### **Introduction to Cloud**

- Introduction to Cloud Computing
- Value of Cloud Computing
- Technical Perspectives of Cloud Computing
- Technical Challenges of Cloud Computing
- · Successfully Adopting Cloud Services
- Identifying Risks and Consequences



### **Introduction to Virtualization**

- Understanding Virtualization
- Common Uses of Virtualization
- Virtualization Hardware
- Microsoft Hyper V
- VMware Workstation Player
- Virtual Box
- Openstack
- Preparing the Infrastructure
- Troubleshooting
- Backing up, Restoring and Migrating VM

### **VMware**

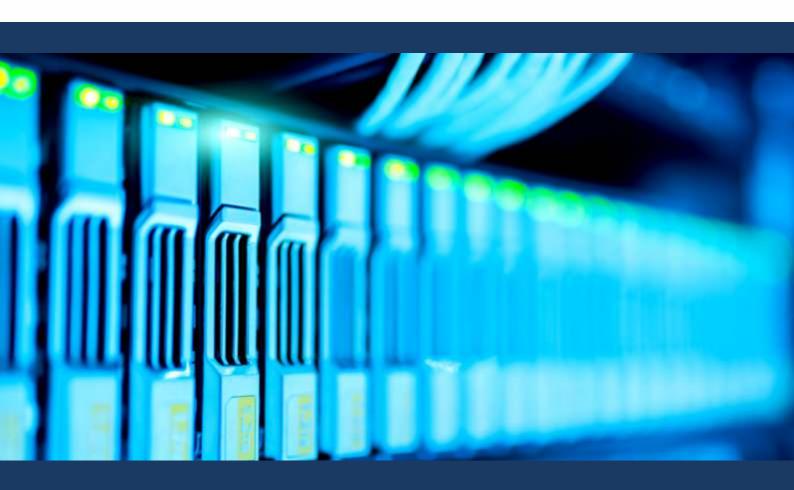
- Course Introduction
- Introduction to VMware Virtualization
- Configuring VMware ESXi
- Installing and Using VMware vCenter Server
- Networking
- Storage
- Virtual Machine
- Access Control
- · Resource Monitoring
- Scalability
- · High Availability and Data Protection
- vSphere Update Manager & vCenter Support Tools

## **Introduction to Python Scripting**

- · About Python
- Variables and Operators in Python
- Different Data Types in Python
- · Communicating with Program
- Choices and Decisions
- Functions and Modules
- · Working with Files
- · About Scripting
- Exercises

### **Job Roles**

- Jr. Python Script Developer
- VMWare Administrator
- Trainee Junior Cloud Engineer
- Jr. Cloud Support Engineer
- Network Support Engineer
- L1 support Engineer





Connecting Talent to Opportunity

# **Address:**

### **IIHT-The Gambia**

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