

CETPA INFOTECH PVT. LTD.
CURRICULUM OF CITRIX

1.XenServer Architecture

- Describing the XenServer virtualization platform
- Product editions and entitlements
- XenServer architecture
- XenServer key components

2.Managing Virtual Machines

- Virtualization techniques
- XenTools
- Creating virtual machines
- Managing virtual machines
- Understanding vApps
- Managing snapshots

3.Installing XenServer

- Hardware requirements
- Licensing
- Available installation methods
- XenServer supplemental packs

4. Managing a XenServer Environment

- Deploying hotfixes
- Upgrading XenServer
- Upgrading XenTools
- Monitoring and alerting
- Pool metadata backups

5.Resource Pools

- Understanding resource pools
- XenServer pool master
- Pool masterelection
- Workload balancing

6. Networking

- XenServer networking architecture
- Virtual network types
- Network interface bonds
- XenServer physical connectivity

7 Storage

- XenServer storage architecture
- Understanding thick and thin provisioning
- Storage locations
- File based and block based storage
- Storage multipathing
- XenServer Intellicache
- XenServer in-memory read caching

8 High Availability

- Purpose of high availability
- High availability recommendations
- Detecting a host failure
- High availability recovery process
- 9 Security
- Integrating with Active Directory
- Understanding role-based access
- Minimizing the attack surface
- Certificates and SSL with XenServer

9. Sizing and Optimizations

- Dom0 sizing
- Dom0 in-memory reach caching
- Virtual CPU optimization
- Device pass-through
- Dynamic memory control
- Resource scheduling
- Network QoS
- Disk prioritization

10. Troubleshooting

- XenServer maintenance mode
- Host logs and event notifications
- Xsconsole
- XenTop
- Command line and PowerShell commands
- Using Citrix Insight Services
- Network tracing

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