

Debashis Kundu

Infrastructure Solution Architect | Project Management | VMware SME

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Kolkata, West Bengal, India.



CAREER OBJECTIVES:

- Seeking an infrastructure architecture position to apply vast experience in large enterprise infrastructure designed and management. Expert in driving datacenter/environment efficiency through proper use of hardware, software, process, and virtualization. Skilled in designing and implementing highly available redundant solutions as well as disaster avoidance/recovery and business continuity planning.

Career Summary:

- My 13+ years relevant experience in Solutioning Architect in Virtualizations, Server Platform (Windows/Unix), Cloud, Datacenter, Risk assessment and Project Management quality will greatly help to contribute the best to the company.

Professional Experience:

- Working as Infrastructure Architect | Project Manager | VM SME in Cognizant Technologies from Mar,2022 to Till
- Worked in Keysight Technologies from Jan 2018 to Mar,2022, as Jr. Infrastructure Architect | Global infra-Tech Lead.
- Worked in Ixia Technologies from Nov 2016 to Jan,2018, as Server Admin L3 support/ VMWare SME.
- Worked in Capgemini from May,2012 to November,2016, as Server Admin L2 support.
- Worked in Blue Bird Leisure & Holidays. Ltd from June 2011 to May 2012.
- Worked in Tirumala Seven Hills Pvt. Ltd from May 2010 to June 2011.

Expertise Area

- Technology Architect, Integration, Designee, and implementation
- Business driving technology
- Project Management
- Virtualization: Esxi & vSphere 5.x/6.x/7.0 and oVirt.
- Cloud: AWS/ Azure.
- Bare-metal knowledge: Dell / HPE / Cisco UCS
- Server OS: Windows 2012/2016/2019 & RHEL -7/8 Server.
- Server Applications: AD, DNS, DHCP, Cluster, DFS.
- Ticketing tools: BMC Remedy, ITSM & Service Now.
- Systems-management software: SCCM & TEM.
- Monitoring Tool: Nagios, SolarWinds, HP OMI.
- Scripting: Windows Power Shell, VMware Power-CLI. Ansible.

GLOBAL CERTIFICATIONS:

- Azure: AZ-104 - Microsoft Azure Administrator.
- VCP-DCV 6.0 – VMW-01245274C-00398197
- AWS Technical Essentials Training completed.
- MCP ID: 7969291 in (Microsoft Active Directory & Exchange Server 2003).

TECHNICAL QUALIFICATION:

- Certificate in MNA from Jetking with Grade "A"
- Certificate in (PC Hardware and Networking course) from MSME - (Govt of India).

Achievement:

- Smarter IT Award (Migration Automation) – Keysight Technology Pvt Ltd - 2020
- Smarter IT Award (Data Center Integration & Process Improvement) – Keysight Technology Pvt Ltd – 2019
- Xtra Mile Award – Capgemini India Pvt Ltd.
- IT Star Award - Blue Bird Leisure & Holidays. Ltd.

❖ Organizational Experiences

Cognizant Technologies

Infrastructure Architect | Project Management | VMware SME.
March 2022 to Till Today



Responsibilities:

❖ Infrastructure Architect and Project Management –

- Involved in planning, implementation and maintenance of IT infrastructure solutions and platforms that perform to defined functional and operational expectations
- Participate in architecture reviews and/or audits; define and maintain documentation of infrastructure and technology standards, processes and policies related to core infrastructure.
- Runs complex projects ensuring they are completed on time and within budget with only general direction from management
- Develops project plans, administers the release management process, and ensures that tasks are completed on time and within budget.
- Served as Project Manager on Merger and Acquisition project.
- Project Management – Datacenter Migration | VMware Upgradation & Migration | Application migration from on-prem to cloud | Storage upgradation.
- Applying techno-functional skills and steering wide gamut of tasks involved in Project Management like VMware vCenter and Esxi Upgrade from 5.x/6.x to 7.x -- Upgraded for 34 VC & ~2800 Hosts.
- Assist engineering team/ Operation Team with installing, configuring, and maintaining networking, Servers, and storage equipment.
- Designed Disaster Recovery technical architecture solutions that spanned multiple platforms and included integration and authentication across systems.
- Responsible for the migration and decommissioning of existing Data centers into new data centers.

❖ VMware Administration –

- Managing P1/P2 Incident and Escalations calls, along with Vendor/ RCA.
- Managing Virtualization Environment using VMWare ESX 6.0/6.7/7.0 and VRTX/VxRail.
- Experience to manage chassis, blades, service profiles, (Dell /HPE/ UCS/ VxRail)
- Live Migration from OLD VMware cluster to VxRail Cluster.
- Migration from V2V & P2V (using - VCenter Converter).
- Experience in upgrading Esxi hosts and VM guests using VMware Update Manager.
- Work with vendor for critical issues (VMware + NetApp + Amazon).
- Setup and configure HA, VMotion, DRS, VUM & Health Check for VMs and ESX host.
- Experience in performance tuning of VMware servers and Virtual sessions.
- Automation of the task using VM PowerShell (Automate Live VM Migration, Storage Migration).

❖ Automation –

- Fully Automate VM migration between Esxi Hosts, Clusters & vCenters.
- Automate the Server Provisioning and Decommissioning (in VM & OVirt platform).
- Automate the patching process and after servers' health checkup.
- Help operation team to reduce the auto generated alerts.
- Automate the Post Server Provisioning Config with help of PS-Scripting.

Keysight Technologies & (Ixia Technologies)



Jr. Infrastructure Architect | Global Technical Lead | VMware SME.

November 2016 to March 2022

Responsibilities:

- ❖ Jr. Infrastructure Architect –
 - Develops, documents, makes recommendations, and communicates plans for investing in IT infrastructure, including analysis of cost reduction opportunities
 - Served as Project Manager on Merger and Acquisition project (Anite; Eggplant & Ixia in Keysight).
 - Contribute to Continuous Improvement initiatives to improve architecture processes.
 - Assist engineering team with installing, configuring, and maintaining networking, Servers, and storage equipment.
 - Documents and develops knowledge of company's existing IT architecture/infrastructure, and business and technology portfolio.
 - Diagnose, troubleshoot, and resolve global system and network issues
 - Defined system strategy and requirements, designing and prototyping, planning, testing, and supporting the training efforts.

- ❖ VMware & Windows & Cloud Administration –
 - Managing P1/P2 Incident and Escalations calls, along with Vendor/ RCA.
 - Managing Virtualization Environment using VMWare ESX 6.0/6.7/7.0 and VRTX/VxRail.
 - Live Migration from OLD VMware cluster to VxRail Cluster.
 - Migration from V2V & P2V (using - VCenter Converter).
 - Experience in upgrading Esxi hosts and VM guests using VMware Update Manager.
 - Work with vendor for critical issues (VMware + NetApp + Amazon).
 - Setup and configure HA, VMotion, DRS, VUM & Health Check for VMs and ESX host.
 - Administers, installs, and upgrades Windows 2012, 2016 & 2019 servers both physical and virtual environment.
 - Find out the RCA based on PB ticket and implementation of changes accordingly.
 - Managing P1/P2 Incident and Escalations calls, along with Vendor/ RCA.
 - Dump & case analysis and work with Vendors (Microsoft, HP, IBM) during RCA.
 - Managing Domain Controller (Cluster, Site, DNS & DHCP).
 - Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, RDS and IAM).
 - Setup/Managing VPC, Subnets; manage IP/subnet via ACL, connection between different zones.
 - Create/Managing buckets on S3 (CLI) and store DB and logs backup.
 - Setup/Managing Databases on Amazon RDS. Monitoring servers through Amazon CloudWatch, SNS.
 - Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources.

Note → Keysight Technologies Inc. acquired Ixia on 1st January 2018.

Capgemini Technology

Server Administrator: L2/L3 Support

May 2012 – November 2016



Responsibilities:

- Handling more than 5000 windows Servers.
- Validation of OS (Windows Server, 2003, 2k8,2k12).
- Hands on Experience on Servers tools, for checking health and services of server.
- Tracking the reasons of Server Problems (hardware issue, OS issue).
- Remotely Resolve the problem of servers (Hardware Troubleshooting and OS validation).
- Troubleshooting problem of Server OS, Server Health, Services.
- Handle the problem of client-side folder sharing.
- Managing P1/P2 Incident and Escalations calls, along with Vendor/ RCA.
- Managing Virtualization Environment using VMWare ESX 6.0/6.7/7.0 and VRTX/VxRail.
- Live Migration from OLD VMware cluster to VxRail Cluster.
- Migration from V2V & P2V (using - VCenter Converter).

Blue Bird Leisure & Holidays

System Administrator
June 2011 to May 2012



Blue Bird Leisure & Holidays. Ltd
Kolkata

Responsibilities:

- System Maintenance and LAN Installation and Configuration for all 155 PCs and Printers.
- Solving other Hardware, Network and Software related problems.
- Installation and configuration of windows 2003 Server.
- User creation in AD and Exchange.
- Exchange Server Configuration.
- Backup of User Data and Tally
- Networking (Client Server)
- The Total ERP implementation
- Configure VPN and firewall.
- User database Backup.

Tirumala Seven Hills

Junior System Administrator
May 2010 to June 2011



Tirumala Seven Hills Pvt. Ltd
Kolkata

Responsibilities

- System & Network Engineer provide System & Network related solutions.
- Installing and configuring Server, User Creation, different policy implement.
- Installing and configuring Application Software, Anti-Viruses & Hardware.
- Installing and configuring Network Analyzer Software and performing Network Analysis.
- Problem solving skills in both LAN & wireless Network
- Maintaining day to day system and network related problem.

LANGUAGES KNOWN:

- English, Hindi, Bengali.

PERSONAL DETAILS:

- ADDRESS 40, Garui Panchanan Sarkar Road, Rabindra Nagar
Dum Dum Cantonment, Kolkata – 700065.
- DATE OF BIRTH 28th August 1986.
- HOBBIES Playing football.
- REFERENCE Could be provided on request.

I hereby declare that all the above information given is true to my knowledge.

DATE:
PLACE: Kolkata

Signature
Debashis Kundu