

# DEBJIT BISWAS

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Date Of Birth: 15-09-1992

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A **strong team player** with 6.5+ years of experience in **taking collaborative approach to problem-solving** and **managing server infrastructures and data-center operations** on Windows, VMware & HP Proliant/Synergy. **Adapting with frequently changing requirements, effectively planning, installing, configuring and optimizing** IT infrastructures to achieve high availability and performance.

**Proven ability to create and deliver solutions** tied to business growth, organizational development and systems/network optimization. **Skilled problem identifier** and troubleshooter, comfortable in managing systems, projects and teams in a range of IT environments.

## PRIMARY SKILLS:

- **Windows Server Administration** – Win2008/2008R2/2012/2012R2/2016/2019
- **VMware Administration** – VMware 5.x/6.x/7.x
- **Scripting** – PowerShell
- **ITIL** - ServiceNow, Remedy Smart IT, Remedy Classic, Salesforce Cadalys
- **Physical Data Center Administration** – HP Proliant, HP Synergy, CISCO UCS
- **Cloud** – Microsoft Azure, AWS
- **CM / DevOps Tools** - HP Server Automation, Puppet, Ivanti Security Controls, Ansible, Terraform

## EXPERIENCE

### AUG 2021 – PRESENT

#### SENIOR CLOUD INFRA ADMINISTRATOR, HYLAND

Senior Cloud Infrastructure Administrator – Internal Datacenter Management (Cloud + OnPrem)

##### Technical Roles:

- Manage and maintain 32,000 server spread across 21 datacentre throughout the world on AWS cloud and VMware on-prem
- Perform vulnerability backlog analysis using Tenable to understand the quality of patching and suggest improvement plans and methods
- Fail over Windows cluster resources from in a cluster environment for scheduled maintenance, emergency changes and troubleshooting issues
- Perform ESXi patching to be streamline with the latest security fixes introduced by the organization
- Create and maintain 'Golden Master' Templates for new VM deployment
- Installed several hotfixes and patches on windows servers to eliminate vulnerabilities
- Patch deployment and management using ANSIBLE or Ivanti
- Configuration and management of servers in AWS Cloud through Terraform
- Provide second level support for issues on AD, DNS, In place upgrades, ESX Upgrades, Datastore management, Windows Update

##### Scripting Roles:

- Articulate automation scripts using PowerShell and PowerCLI for multiple data analysis project work on Windows, VMware and AWS Infrastructure
- Automated multiple types of email reporting for VMware and Windows infrastructure using PS Script
- Prepared script to run health check on windows servers pre and post patching work to perform validation

##### Leadership Roles:

- Lead and maintain a team of 8 engineers responsible for day to day infrastructure administration tasks and 5 engineers dedicatedly responsible for patching all 21 datacentres' of the organization
- Collaborate with other team leaders and management to develop focused plans and solution
- Developed a totally new way of pulling CMDB data by leveraging PowerBI to retrieve record with more efficiency, accuracy and speed

**NOV 2016 – AUG 2021**

**ASSOCIATE CONSULTANT**, CAPGEMINI TECHNOLOGY SERVICES

Senior Cloud Infrastructure Engineer - US, UK and APAC Region

**Key Roles:**

- Update drivers and firmware on HP branded Blade & Rack Servers to mitigate issues
- Use VMware vMotion to eliminate application downtime from planned server maintenance by migrating running virtual machines between hosts
- Work on the installation of NMI drivers on HP blade ESXi servers to eliminate PSoD
- Perform cloning to duplicate VMs for seamless application mirroring
- Deployed several VMs from Templates and customized their configurations as-needed
- Manage the host resources/virtual machine resource allocation (CPU, memory, hard disk, etc) and perform routine maintenance on this environment
- Provision, modify, configure & decommission ESX Hosts and ESX Clusters
- Installed several hotfixes and patches on windows servers to eliminate vulnerabilities
- Configuration Management using PUPPET (for all windows servers)
- Create Transport Rules to blacklist SPAM emails on O365
- Physical Server Setup and Administration for HP ProLiant Gen 6/7 and HP Synergy – 7000 Blades

**Other Roles:**

- Articulate automation scripts using PowerShell and PowerCLI for Windows and vmWare Infrastructure
- Articulate automation commands and scripts through PUPPET (DevOps Tool) for the Windows Servers of the environment
- Analyse and introduce process improvement for client as per their technology and ITSM norms
- Prepare SOP, command set and scripts for other teams to help them with faster deliverables

## CERTIFICATIONS

**JUNE 2021**

**MICROSOFT AZURE ADMINISTRATOR – AZ104**, MICROSOFT

**JUNE 2021**

**MICROSOFT AZURE FUNDAMENTALS – AZ900**, MICROSOFT

**NOVEMBER 2020**

**ITIL® FOUNDATION CERTIFIED IN IT SERVICE MANAGEMENT**, PEOPLECERT

## EDUCATION

**AUGUST 2016**

**B.TECH IN ECE**, RCC INSTITUTE OF INFORMATION TECHNOLOGY

8.1 out of 10.0 | Electronics and Communication Engineering

**APRIL 2012**

**HIGHER SECONDARY EDUCATION - CBSE**, BHOLANANDA NATIONAL VIDYALAYA

78% | Science | Additional Subject - Computer Science

**APRIL 2010**

**SECONDARY EDUCATION - ICSE**, DON BOSCO SCHOOL