

Edge offers all the Server Infrastructure services required to assess, build, migrate, optimize, and/or manage premise and public/private cloud environments.



- ✓ Physical & Virtual server builds and migrations
- ✓ Physical & Virtual server OS upgrades (Windows & Linux)
- ✓ On-prem server migration to AWS or Azure
- ✓ Backup & Recovery
- ✓ Modernization
- ✓ Active Directory – New or Upgrade, Physical or Virtual (OS and/or Forest level)
- ✓ New cluster or replacement cluster deployment (VMWare, Hyper-V, Nutanix)
- ✓ Office 365 implementations & migrations & administration
- ✓ Hypervisors
- ✓ Zscaler

We perform comprehensive optimization, modernization, and management of server environments. 24x7 monitoring & support, security & compliance management, and backup & recovery solutions.

## SERVER HARDWARE

- All manufacturers
- Hyperconverged solutions
- New server builds and server upgrades
- Server migration

## STORAGE

- HPE Nimble
- Dell PowerVault and EMC
- Pure Storage
- TrueNAS/BSD
- Linux block and file level  
iSCSI/NFS/FC/FCOE

## HIGH AVAILABILITY

- BSD Carp and HAST
- Linux DRBD, Pacemaker, Corosync, GlusterFS
- Windows Storage Spaces and Clustering

## OPERATING SYSTEMS

- Windows Workstation
- Windows Server 2008R2-2022
- All Linux
- MAC OS

## HYPERVISORS

- VMWare
- Proxmox
- Nutanix
- Hyper-V

## BACKUP MANAGEMENT & IMPLEMENTATION

- Acronis
- Datto
- Veeam
- NetBackup
- ArcServe
- Nakivo
- Commvault
- Carbonite
- Barracuda
- Backup Exec
- Rubrik
- Cohesity

## AUTHENTICATION

- Kerberos
- RHEL Identity Manager
- Active Directory
- OAUTH2
- LDAPS
- DUO Integrations for Cloud, AD and Linux
- DUO SSO

## MAIL / MESSAGING PLATFORMS

- Office 365
- Gmail

## CLOUD

- Azure
- AWS

## CERTIFICATE MANAGEMENT

- OpenSSL
- IIS, Apache, NGINX
- Microsoft Certificate Authority
- Linux PKI

## IT SERVICES

- Active Directory
- Office 365 administration DNS, DHCP, DFS, NPS File and print services
- Application investigation and debugging
- Microsoft Intune

## ACTIVE DIRECTORY FOREST MIGRATION/CONSOLIDATION

- Multiple forest consolidation
- Forest expansion and division
- Trust management
- Site replication topology
- Entra Connect and Entra Cloud
- Synch consolidation and management
- Group Policy auditing and detangling

## SCRIPTING

- Bash
- Python
- Powershell





## LIFT AND SHIFT CLOUD MIGRATIONS

Edge's Lift and Shift Cloud Migration service is designed to seamlessly move your existing datacenter or server room infrastructure to the cloud. This service includes a comprehensive assessment of your current setup, meticulous planning for a smooth transition, and the actual migration of all your data, applications, and services. We ensure minimal downtime and maintain data integrity throughout the process. Our expert team provides guidance on selecting the most suitable cloud platform (like AWS, Azure, or Google Cloud) and optimizes the cloud environment to match your operational needs, ensuring scalability, security, and cost-effectiveness. Post-migration support is also provided to ensure a smooth transition to cloud operations.



### **In-Depth Infrastructure Analysis**

A thorough assessment of your current infrastructure, including hardware, software, and data.



### **Custom Migration Plan**

A personalized migration strategy considering your specific needs and objectives.



### **Cloud Setup and Configuration**

Establishment and configuration of your cloud environment, ensuring optimal performance and security settings.



### **Data and Application Migration**

Execution of the migration of data, applications, and services, ensuring data integrity and minimal downtime.



### **Testing and Quality Assurance**

Rigorous testing to confirm that all systems operate effectively in the cloud environment.



### **Ongoing Support and Maintenance**

Continuous post-migration support, including troubleshooting and updates. Necessary documentation for managing in-cloud setup.



## BACK FROM THE CLOUD

This service is tailored for organizations seeking to transition their servers and services **from a cloud environment back to an on-premises datacenter**. Included is a thorough evaluation of your current cloud setup, a strategic plan for the safe and efficient migration of data and applications, and the physical or virtual re-establishment of your infrastructure in an on-prem environment. Our team ensures that this transition is secure, efficient, and tailored to meet your specific organizational requirements, with a focus on maintaining data integrity and minimizing operational disruptions.



### **Cloud Infrastructure Assessment**

Evaluation of the existing cloud setup to identify specific migration requirements.



### **Detailed Migration Strategy**

A comprehensive plan for moving services and servers back to an on-premises environment.



### **Secure Data and Application Transfer**

Handling of the migration process, ensuring security and integrity of all data and applications.



### **On-Premises Setup & Configuration**

Establishment of the on-premises infrastructure according to your operational needs.



### **System Testing and Validation**

Extensive testing to guarantee system performance and reliability.



### **Documentation**

Necessary documentation for managing the on-premises setup.



## ACTIVE DIRECTORY CONSOLIDATION, MIGRATION, BEST PRACTICES, HARDENING

Edge's Active Directory (AD) service is a comprehensive suite of solutions including consolidation, migration, best practices implementation, and security hardening. We start by analyzing your current AD infrastructure, identifying areas for consolidation to improve efficiency and reduce costs. For migrations, we ensure a smooth transition of AD resources, whether within the same network or to a new domain. Our team implements industry best practices to optimize your AD environment, enhancing performance and usability. The security hardening component focuses on strengthening your AD against threats by implementing advanced security measures, regular audits, and continuous monitoring to safeguard your critical assets.



### **Evaluate Existing AD Setup**

A thorough analysis of the current Active Directory environment.



### **Plan Development for Consolidation**

A detailed plan for AD consolidation or migration, tailored to your needs.



### **Continuous Monitoring and Support**

Providing regular monitoring, updates, and support for the AD environment.



### **Data and Application Migration**

Execution of the migration of data, applications, and services, ensuring data integrity and minimal downtime.



### **Execution and Management**

Overseeing of the consolidation / migration process, ensuring minimal impact on operations.



### **Best Practices & Security Implementation**

Integration of best practices and enhancement of security measures within the AD environment.





## MAIL MIGRATIONS

Our Mail Migration service facilitates the seamless transition of your email systems to a new platform or environment. Whether you're moving to a cloud-based email service like Microsoft 365 or Google Workspace, or transitioning between on-premises servers, our service covers all aspects of the migration process. This includes preliminary assessments, careful planning to ensure no loss of data or functionality, and execution with minimal disruption to your operations. We also provide post-migration support to ensure that your new email system is optimized for performance, security, and user accessibility.

- ✓ **Email System Evaluation**  
Assess your current email setup to identify migration requirements.

### A COMPREHENSIVE PLAN FOR MIGRATING THE EMAIL SYSTEM.

- ✓ **Execution of Data Migration**  
Safely migrate email data, ensuring no loss or interruption.
- ✓ **System Configuration and Optimization**  
Configure the new email system for optimal performance.
- ✓ **Comprehensive Testing**  
Test the new system to ensure functionality and reliability.
- ✓ **End-User Support Post Migration**  
Provide support to your staff on the new system until they become acclimated.



## SECURITY REMEDIATION FOR ACTIVE DIRECTORY AND LINUX ENVIRONMENTS

This service focuses on enhancing the security of your Active Directory and Linux environments. Our team conducts in-depth assessments to identify vulnerabilities and implements remediation strategies to fortify your systems. This includes patch management, configuration hardening, access control improvements, and deployment of advanced security tools and protocols. We also provide ongoing monitoring and regular security audits to ensure your environments remain resilient against evolving cyber threats, thus maintaining the integrity and confidentiality of your critical business data.

- ✓ **Conduct Security Audits**  
Comprehensive security assessments on Active Directory and Linux environments with custom tools on hardware provided by Edge.
- ✓ **Training and Awareness Programs (KnowBe4)**  
Conduct security training and awareness sessions for your staff.
- ✓ **Ongoing Monitoring and Reporting**  
Implement continuous monitoring and provide regular security reports.
- ✓ **Develop Remediation Strategies**  
Specific strategies to address identified security vulnerabilities.
- ✓ **Implement Security Enhancements**  
Apply necessary updates and configuration changes to strengthen security.



## VMWARE MIGRATION, UPGRADES, PATCHING

Edge's VMware Migration, Upgrades, and Patching service is designed to keep your virtualized infrastructure up-to-date and secure. We offer expert assistance in migrating your virtual machines to newer VMware environments or different hardware, ensuring a smooth and efficient transition with minimal downtime. Our upgrade services involve updating your VMware infrastructure to the latest versions, providing you with improved features, enhanced performance, and better security. Regular patching is also a part of our service, where we manage and apply critical updates to your VMware environment, ensuring it remains secure against vulnerabilities and optimized for performance.

- ✓ **Assess VMware Environment**  
An in-depth analysis of the existing VMware setup.
- ✓ **Develop Migration/Upgrade Strategy**  
Formulation of a comprehensive plan for migration and/or upgrades.
- ✓ **Execute Migration and Upgrades**  
Carry out the migration and upgrade processes efficiently.
- ✓ **Implement Patch Management**  
Manage and apply critical updates to the VMware environment.
- ✓ **Testing and Validation**  
Ensure all systems operate effectively post-migration/upgrade.
- ✓ **Provide Documentation and Support**  
Offer documentation and ongoing technical support.

