

BAYANAT

DATA SHEET

B a y a n a t . s a

USING DATA TO DRIVE
BUSINESS **SUCCESS**

OUR SERVICES

“ **Bayanat** is a company specialized in providing innovative technology solutions aimed at enhancing business performance through a range of integrated services ”



1-DevOps as a Service

We provide comprehensive DevOps services, including automation, Continuous Integration (CI), Continuous Deployment (CD), and performance and security optimization in cloud environments. We are partners with major cloud providers like **Amazon, Alibaba, Google, and Oracle**, both inside and outside of Saudi Arabia, allowing us to offer advanced global cloud solutions.



2-Cloud Management

We offer Cloud Management services with a team of highly skilled professionals in this field. We ensure efficient and reliable management of your cloud infrastructure, focusing on security, performance, and cost reduction



3-NOC as a Service

We offer NOC (**Network Operations Center**) services to monitor and manage networks and systems around the clock, ensuring service stability and rapid response to any issues that may affect system performance.



4- Outsourcing Service for Staffing

We provide staffing outsourcing solutions for recruiting and assigning skilled professionals, either within or outside your organization, with the flexibility to choose the required nationalities and manage the staff according to your needs, ensuring the highest levels of productivity and efficiency.

With Bayanat, you are in innovative and professional hands



info@bayanat.sa



www.bayanat.sa

01

DEVOPS AS A SERVICE



1. Infrastructure Planning and Design

- **Cloud Platform Selection:** Identifying the best cloud provider (AWS, Google Cloud, Azure, etc.) based on the client's needs.
- **Infrastructure Architecture Design:** Designing a system that fits the client's requirements, focusing on scalability, security, and efficiency.

2. Automation (Infrastructure as Code)

- **Using tools like Terraform and CloudFormation:** To provide an automated and version-controlled infrastructure, ensuring uniform and accurate execution.
- **Environment Management (Dev, Test, Prod):** Automating the creation of different environments to reduce human errors and improve efficiency.

3. Continuous Integration (CI)

- **Setting up a Continuous Integration Environment:** Using tools like Jenkins, GitLab CI, or CircleCI to continuously integrate code changes and automatically test them.
- **Automated Testing:** Running unit tests and integration tests automatically to minimize errors and ensure system stability.

4. Continuous Deployment (CD)

- **Setting up Automated Deployment Pipelines:** Using tools like AWS CodePipeline or Jenkins to automate the deployment of new versions of applications across different environments (Development, Staging, Production).
- **Rollback Techniques:** Setting up automatic rollback mechanisms to restore the system to a stable state in case of any issues post-deployment.



info@bayanat.sa



www.bayanat.sa

DEVOPS AS A SERVICE

5. Performance Monitoring

- **Using Advanced Monitoring Tools:** Such as Prometheus, Grafana, Datadog, or AWS CloudWatch to monitor system health and performance in real-time.
- **Monitoring Applications and Servers:** Analyzing performance metrics such as response times, active users, and resource utilization (CPU, RAM, etc.).

6. Auto-Scaling

- **Setting up Auto-Scaling:** Using technologies like AWS Auto Scaling or Kubernetes Horizontal Pod Autoscaler to ensure the system scales automatically based on demand.
- **Load Balancing:** Ensuring traffic is distributed evenly across servers to prevent overload and ensure system reliability.

7. Security Management

- **Identity and Access Management (IAM):** Configuring access control policies and managing user permissions using tools like AWS IAM or Azure AD.
- **Data Encryption:** Implementing encryption techniques for data in transit and at rest to protect sensitive information.
- **Security Audits:** Scanning the code for vulnerabilities using tools like OWASP ZAP or Snyk to identify and resolve security issues.

8. Backup and Disaster Recovery

- **Setting up Automated Backups:** Using tools like AWS Backup or Google Cloud Backup to ensure data is protected.
- **Disaster Recovery Plans:** Implementing disaster recovery strategies such as multi-region deployment to ensure rapid system recovery in case of failure.

DEVOPS AS A SERVICE

9. Documentation and Reporting

- **Documenting All Procedures:** Creating documentation to explain how processes are executed, and maintaining accurate logs of any changes or updates.
- **Performance Reports:** Providing periodic reports on system performance, costs, issues resolved, and improvements implemented.

10. Cost Optimization and Resource Efficiency

- **Cost Analysis:** Using tools like AWS Cost Explorer or Google Cloud Cost Management to monitor resource usage and optimize operational costs.
- **Resource Optimization:** Improving server and resource utilization to reduce waste and enhance system efficiency.

11. Production Support and Issue Resolution

Rapid Support Response: Offering quick technical support to resolve any issues in production environments, ensuring minimal downtime.

02

CLOUD MANAGEMENT



1. Infrastructure Management

Provisioning and Monitoring Cloud Servers: Setting up servers and allocating resources (such as memory, CPU, and storage) to ensure optimal performance.

Network Management: Monitoring and maintaining cloud networks to ensure fast and secure connectivity between servers and clients.

2. Security Management:

Security Policy Setup: Ensuring the application of data security standards such as encryption and multi-factor authentication.

Threat Monitoring: Monitoring for any hacking attempts or security threats and taking quick actions to prevent data leaks.

3. Application Management:

- **Updates and Installations:** Keeping track of updates and patches for applications running in the cloud.

- **Performance Monitoring:** Analyzing the performance of applications to ensure no issues affect users

4. Backup & Recovery Management:

Automated Backups: Setting up periodic data backups to prevent data loss.

Recovery Strategies: Ensuring quick data recovery in case of system failure or data loss.

5. Cost Management:

Resource Consumption Analysis: Monitoring the use of cloud resources to optimize efficiency and reduce costs.

Budget Allocation: Offering solutions to reduce costs, such as stopping unused resources or choosing plans that meet the client's needs.



CLOUD MANAGEMENT

6. Scalability & Optimization:

Resource Scaling: Increasing or decreasing capacity based on system or user requirements.

Performance Optimization: Analyzing usage patterns to ensure the system operates at maximum efficiency at all times.

7. Performance Monitoring:

Cloud Monitoring Tools: Using specialized tools to continuously monitor the performance of servers, applications, and resources.

Reporting: Providing regular reports to clients regarding performance and resource usage.

8. Technical Support & Maintenance:

Continuous Support: Providing 24/7 technical support to resolve technical issues.

Updates & Maintenance: Performing regular maintenance and system updates to ensure continuous operation.

03

NOC AS A SERVICE



1. 24/7/365 Continuous Monitoring

- **"We provide 24/7/365 monitoring of networks and systems,** ensuring performance stability and preventing any issues or service outages before they affect end users.

Through an integrated monitoring system, we track all critical systems in real-time."

2. Rapid Incident Response

- **"We offer immediate response to urgent issues,** prioritizing problems based on their severity to ensure fast and efficient resolution of any outages or failures in the infrastructure, reducing downtime and ensuring business continuity."

3. Performance Management and Data Analysis

- **"We collect and analyze performance data on a regular basis,** identifying potential network or system degradation before it becomes a major issue. This includes analyzing traffic patterns, resource consumption, and system usage to provide actionable recommendations for continuous improvement."

4. Network Infrastructure Management

- **"We provide full management of network infrastructure,** including network devices (Routers, Switches, Firewalls), focusing on ensuring the optimal performance of each network component."

5. Update and Maintenance Management

- **"We conduct regular updates and maintenance,** including applying security patches and software updates to ensure that the network is running with the latest security standards and efficiency."



info@bayanat.sa



www.bayanat.sa

NOC AS A SERVICE

6. Regular Reporting and Analysis

- **"We deliver detailed and regular reports on** network health, performance analysis, security activities, and potential threats, providing you with precise insights that help you make strategic decisions based on live, accurate data."

7. Incident and Security Threat Management

- **"We detect and manage security incidents in real-time,** including intrusion attempts, viruses, and other threats, taking immediate corrective actions such as blocking threats or implementing remediation to minimize risks."

8. Automation and Efficiency Improvement

- **"We use advanced automation tools to improve** the efficiency of operations within the NOC, such as automating monitoring checks and early alerts, which helps save time and improve team response time."

9. Access Management and Security Policies

- **"We enforce strict access control policies, ensuring that** only authorized personnel can access sensitive systems and networks. We use technologies like VPN and MFA to enhance security."

10. Disaster Recovery and Contingency Planning

- **"We implement disaster recovery strategies, ensuring** fast and efficient recovery of data and network services in the event of a major issue. We help define backup and recovery plans to guarantee business continuity without disruption."

NOC AS A SERVICE

11. 24/7 Customer Support

- **"We provide continuous technical support,** with a team of specialized engineers available around the clock to resolve any issues that may arise, ensuring fast and effective responses at all times."

12. Continuous Improvement Consulting

- **"We offer consulting for network and system** improvement based on monitoring and analysis results, providing suggestions for performance enhancement, cost reduction, and ongoing security improvements."

13. Compliance with Industry Standards

- **"We ensure that our operations comply with industry standards such as** ISO 27001, ITIL, and GDPR, reflecting the highest levels of professionalism and adherence to global standards."

14. Network Reporting and Automation

- **"We generate detailed reports on network performance,** failures, and improvements regularly, providing in-depth reports to management to assist them in making strategic, data-driven decisions.

04

OUTSOURCING SERVICE FOR STAFFING



1. Providing the Right Talent

- **"We provide highly skilled employees across various fields"**, with the ability to identify specialized skills required for your project or role. We ensure that candidates are selected based on specific criteria to match your business needs.

2. Local and International Staffing

- **"We offer staffing services both locally and internationally"**, giving you the flexibility to choose talent from anywhere in the world. Whether you need to hire locally or internationally, we offer you diverse options.

3. Flexible Employment Options

- **"We provide flexible staffing solutions"**: whether you need full-time, part-time, or temporary contract employees. You can choose the staffing model that best suits your needs and project requirements.

4. Full Recruitment Management

- **"We manage the entire recruitment process"**, from posting job ads, screening resumes, conducting interviews, to presenting the most suitable candidates. We simplify the process to save you time and ensure the best talent is hired.

5. Just-in-Time Staffing

- **"We provide just-in-time staffing"**, meaning you only hire employees when needed, reducing operational costs and ensuring quick responsiveness to changing project requirements.



info@bayanat.sa



www.bayanat.sa

OUTSOURCING SERVICE FOR STAFFING

6. Employee Relationship Management

- **"We provide continuous employee relationship management"**: If you need support managing employees post-hiring, such as performance evaluations, issue resolution, or administrative tasks, we offer ongoing management services.

7. Flexibility in Team Adjustments

- **"We offer flexibility in team adjustments"**: If your needs change or you need to replace an employee or add new skills, we make this process easy without delays or complications.

8. Cost Reduction in Recruitment and Administration

- **"We help you reduce recruitment and administrative costs"**: By cutting down on expenses related to job ads, interviews, recruitment processes, and training, outsourcing staffing also reduces long-term administrative overhead.

9. Regular Reporting and Performance Evaluation

- **"We provide regular reports on employee performance"**, with periodic evaluations to ensure employees are meeting business objectives. This helps you track productivity and continuously improve performance.

10. Long-Term Support and Gradual Expansion

- **"We offer long-term support"**: Through strategic consulting, we assist in expanding your team or adding new specialties in the future, helping you scale your workforce efficiently over time.

OUTSOURCING SERVICE FOR STAFFING

11. Comprehensive Technical and Administrative Support

"We offer complete technical and administrative support": From managing employees fully to handling payroll, taxes, and ensuring staff availability at the right time.

12. Employee Fit with Company Culture

- **"We ensure that the employees we select align with your company culture":** We ensure that new hires match your organization's values and work style, enhancing their engagement and success within your work environment.

13. Fast-Track Recruitment Service

- **"We offer fast-track recruitment services":** By leveraging our extensive network and advanced search techniques, we can hire employees much faster than traditional recruitment methods.

THANK YOU

B a y a n a t . s a

USING DATA TO DRIVE
BUSINESS **SUCCESS**