

Infrastructure Gap Analysis

- By Aditya Patawari (aditya@devopsnexus.com)

Who Needs Gap Analysis?

You

Focus Areas

- Architecture
- Security
- Infrastructure Management
- Monitoring

Architecture

- Service Failover
- Horizontal Scaling
- Single Point of Failure - service and personnel
- Off site backups
- SSL Termination at Appropriate Places
- Customer to Region Latency
- Application/Daemon Restart Mechanism

Security

- Server Access - Keys? Passwords? Common Credentials?
- SSH Bruteforce
- SSH root Access
- Firewalls and VPCs
- Database Root Access
- CVE Watchlist

Infrastructure Management

- Server Utilization
- Configuration Management and Infra Provisioning
- Central Logging
- QA and Deployment automation
- Rollback testing
- Cloud access permissions
- Access to certs

Monitoring

- Service Monitoring
- Server Monitoring
- Historical Data and Trends
- Alerting and Escalation Methods

Thank you!

Find me at:

- Twitter: @adityapatawari / @devopsnexus
- Email: aditya@devopsnexus.com
- Website: <http://cloudrevision.com>, <http://devopsnexus.com>