Serverless Computing FAQ

Intent Solutions Group helps you answer some of the most frequently asked questions by clients from serverless computing projects with ISG!

Organizations want to iterate fast and upscale software architecture while reducing costs. How can an organization resolve the application architecture while continuing to drive values?

Serverless computing allows agility, elasticity, and cost-effectiveness to happen simultaneously.

Gartner predicts <u>half of global organizations will deploy serverless by 2025, 20% from today.</u>

Q: What is serverless computing?

- Run applications without managing servers
- Remove the infrastructure management
- Function-as-a-service (FaaS)
- Cloud provider manages code execution
- Code runs in response to events
- Stateless in function instantiation

Q: Why serverless? No risk to cost & performance.

- Reduced cost; On-demand transaction-based pricing
- Developers can focus on product core
- Continuous scaling (elasticity)
- Automated runtime environment
- Code's performance in seconds
- Dynamic access to cloud resources

Q: What are use cases of serverless?

- Managed compute service - AWS Lambda
- Real-time data analytics & processing
- Outsource to third-party services and API
- Apply serverless patterns & architectures
- Test & development functions along with service assurance

Q: How can ISG help in serverless computing?

ISG uses AWS Serverless Computing architectures to increase productivity & successful adoption:

1/ Application Development
2/ Security & Compliance
3/ Infrastructure & Operations