



understanding cloud for the enterprise

cloud strategies implementing shared and virtual services
enterprise benefits business capabilities IT agility cost optimization flexibility
services portfolio governance and security **achieving adaptive IT environments**

To bring this course to your organization, email us at info@intervista-institute.com

innovationcultures
the future > *faster*

1. Cloud Computing Strategies for Enterprise IT Transformation.

Why use the Cloud model?

- What is Cloud Computing?
- Key Characteristics of Cloud Computing
- What is wanted from Providers : Users of Cloud offerings
- Cloud types
 - Software as a Service
 - Application Components as a Service
 - Software Platform as a Service
 - Infrastructure as a Service
- Physical Infrastructure: Storage and Infrastructure in the Cloud
- Private and Hybrid Clouds
- Vendors, market size, and spending projections
- Security in the Cloud, and other key inhibitors

2. The Evolution of the Cloud Enterprise.

Towards IT services as utility.

- The Cloud is a "Virtual Machine"
- Cloud types – Private, Public, and Hybrid Clouds
- Understanding cloud benefits:
 - flexible provisioning
 - server utilization
 - ease of deployment
 - reduced operational costs & energy consumption
- The impact of virtualization
- Plans for the Cloud

3. Characteristics of the Cloud Environment.

A virtual world of services.

- Overview of Virtualization
 - access to resources
 - isolation
 - encapsulation
 - re-hosting
- Virtual storage
- Disaster recovery

4. The business case for the Cloud.

Capability and cost optimization.

- The Business Model for the Cloud
- ROI Models
- Cost Savings Models

5. Service Oriented Architecture (SOA) and the Cloud.

Capability and cost optimization.

- Explaining SOA
- The Benefits of SOA
- Extending SOA to the Cloud

6. Real World Case Study.



Your course leader

Bill Clarke



Your expert is Bill Clarke, a long-time Intervista faculty member, known for his deep independent research on Service Oriented Architectures and Cloud. As both a researcher and seasoned implementer working with some of the largest projects in

the nation, he is a reliable, vendor-neutral resource you can count upon to enlighten your knowledge on Cloud.



1. The value proposition for the enterprise.

Planning Your Cloud Strategy.

- Building the Business Case and ROI on Cloud
- Impact on business strategy and IT pain points
- Requirements Questionnaire
- How do you expect to start:
Implications of enterprise on-ramps

2. Extending and integrating cloud services.

Options, configurations, and risks.

- Advantages of different approaches
- Disadvantages of approaches
- Identifying where cloud services need to be extended and integrated
- Data storage strategies

3. Let's get them on the table.

Security concerns.

- Security concepts
- Design principles for security
- Risks to Virtualized Systems
- Cloud service provider risks
- Selecting a vendor buyers guide

4. A look at what's out there from the vendors.

An evolving landscape.

- The players, their service offerings, alliances and strategies
- Recent mergers and acquisitions and why they matter
- The cloud computing marketplace:
 - Types of hypervisors
 - VMware - VMware ESXi
 - Open Source - Xen
 - Microsoft - Hyper-V
 - KVM
- Evolutions in service offerings:
 - VMware, Amazon, Google, Force.com, Microsoft, IBM, Oracle, HP and many more

5. Migrating to the Cloud.

Planning a roadmap.

- Cloud Enablement Model
- Cloud Ecosystem Model
- Cloud Modeling Approach
- Applications appropriate for Cloud Computing

6. Real-World Services Consumption.

A look at IT capability with the cloud.

- Example using Cloud capabilities

7. Extending IT Governance to the Cloud.

A governance roadmap.

- What is governance?
- Governance frameworks
- Developing a Cloud governance model
- A four tier model of governance
- Goals, Principles, Policies
- Enforcement models

8. Evolving roles with Cloud.

What happens to IT jobs.

- Who "owns" a virtual machine
- Partnership with the business
- Roles of the Enterprise, Solutions and Information Architects
- The governance organization

9. Managing the Services Portfolio.

Balancing IT capability and risk.

- The Services Portfolio: How much cloud is right?
- Managing your enterprise's Services Portfolio
- The role of the Portfolio Manager with Cloud Services

10. The evolving cloud.

Living in a world of virtual services.

- What will it and IT look like in 5 to 10 years?

“ Great overview and very stimulating presentation on SOA. Three days of course provides great conceptual and practical understanding of SOA. ”

Sukhwant Nannan
Enterprise Architect
Service Canada

“ Informative and engaging. ”

Derek Rutherford
Director, Application Architecture & Standards
Province of British Columbia

enroll your team today and save!

1. Register online: intervista-institute.com/cloud.php

2. Call: 514-717-7667

Inquire about our group rates and early enrollment discounts and save!



514-717-7667

www.intervista-institute.com

20 years of executive education

enroll your team today and save!

Register online: www.intervista-institute.com/cloud.php
 Call: 514-717-7667
 Inquire about our group rates and save!

course fees

Preferred rates

Large-team discounts are available. Inquire about our group rates at 514-717-7667. This course is also available to be scheduled on site at your organization.

Executive 3-Day Program

| | |
|---|----------------|
| Small teams (5 to 9 participants: payment per participant). Large teams inquire for additional discount. | \$ 2795 |
| Early enrollment 4 weeks prior to session date | \$ 2875 |
| Regular enrollment Must be received one day prior to session. No participant will be admitted into the course without prior payment arrangement. | \$ 2915 |

All applicable taxes extra.

Cancellations are accepted up to two weeks prior to the course. A \$100 service charge will be applied. All cancellations must be made in writing.

Please obtain a cancellation number from us to confirm. Late cancellations will not be refunded, but enrollment fees may be credited to any future Intervista course, seminar or conference anywhere in North America. Substitutions may be made at any time.

Intervista Institute reserves the right to postpone, cancel or change scheduled dates or venues, as well as the right to substitute instructors with other highly qualified experts.

For participants registering in the United States, mail payment to:
 INTERVISTA INSTITUTE
 1000 5th Street, Suite 200-D7, Miami FL 33139-6510

For participants registering in the Canada, mail payment to:
 INTERVISTA INSTITUTE

1176 Bishop Street, Montreal QC H3G 2E3

Receipt of your payment constitutes confirmation of your enrollment.

Understanding Cloud for the Enterprise



Inquire about on-site sessions

**Enroll your team today.
 Limited capacity.**

Call: 514-717-7667

E-mail: info@intervista-institute.com
www.intervista-institute.com

Team members who will benefit:

| | |
|-----------------------------|---------------------------------|
| Enterprise Architect | Network Manager |
| Cloud Architect | Application/Solutions Architect |
| Business Architect | Systems Analyst/LAN Manager |
| IS/Technology Planner | IS/Technology Architect |
| Information Systems Manager | Application Developer |
| Strategic Planner | Director of Corporate Services |
| Project Manager/Leader | BPR Manager/Consultant |
| Business Analyst | Tier 1 IS Consultant/Integrator |
| CIO | VP / Director IS |

Executives and their teams from the following organizations have attended Intervista's educational programs (partial list):

SAS Institute • Telus • The Royal Canadian Mint • EDS • GlaxoSmithKline • Aetna • Jet Propulsion Lab
 State Controller's Office of California • Fannie Mae • IRS • Lockheed Martin Corporation • Pfizer Inc • JP Morgan Chase
 International Civil Aviation Organization • Microsoft • National Research Council • Shell • Atomic Energy Canada
 Federal Reserve Bank • Starbucks Coffee Corp. • Verizon Business • RCMP • University of Toronto • MetLife • Siemens
 Nielson Media Research • US Dept. of Treasury • Pratt & Whitney • SAP • Reader's Digest • Sears • EDS • Imperial Oil
 PricewaterhouseCoopers • Xerox • Peace Corps • Boeing • Lexis-Nexis • Aetna • Exxon • Revenue Canada • McDonald's
 Nike • Westinghouse • Nokia Research • Gillette • Liberty Mutual Corp. • Sprint • Fujitsu Consulting
 Dept. of Commerce • Dept. of Agriculture • Foreign Affairs • Dept. of National Defence • L.G.S. • RBC Financial Group
 U.S. Geological Survey • Rochester Institute of Technology • Treasury Board • Veteran's Affairs • CGI
 LSI Logic Corp. • Dept. of Education • NASA • U.S. Mint • Management Board Secretariat • Army National Guard • White House