

“Cloud Security Essentials” Course Series Abstract

PCA 5001 (Classroom) and PCA 5002 and PCA 5003 (Internet-based)

1. Course learning emphasis

Nobody notices a clean house, they only notice dust on the furniture. In the same way, you will never be recognized for having a secure IT environment. But you will get noticed if you don't.

You will have exactly the same critical security requirements as you move to the Cloud. The Cloud simply changes the where, how and who:

- Where is your data?
- How is it being accessed?
- Who can access it?

If something is worth protecting today in your IT environment, it is worth protecting in the Cloud. Likewise, don't spend time and money securing data beyond what is required.

This initial Cloud security course will help your management and technical staffs understand both the complexity and opportunity that the Cloud can bring in the security area.

2. Course objectives

- Providing the essential knowledge for a secure transition to Cloud Computing thereby guaranteeing these three critical attributes of your data:
 - a. **Confidentiality** - Only those people who are supposed to see the data can see it
 - b. **Integrity** - Only authorized processes are allowed to modify data and only in very specific ways
 - c. **Availability** - The data is accessible when needed
- This course will provide your team with the skills and knowledge to make and implement hyper-critical and often business-saving security decisions and actions

3. Audience

Anyone, at all organizational levels, who will be making strategic and / or tactical decisions on Cloud Computing security goals, processes, practices and standards

4. Course prerequisites

It is strongly recommended that in the interest of optimal learning value retention that the participants on this course previously attended the “Cloud’s Business Imperatives” course (PCA 1001, PCA 1002 or PCA 1003)

5. Course learning modules

1	Course goals and function	4	Compliance tutorial
2	Business issues review	5	Cloud security questions
3	Data security overview	6	Cloud Service Providers (CSP’s)

6. Course delivery logistics

Course #	Learning delivery methodology	Course duration	Class Size
PCA 5001	Classroom-based facilitator-led and delivered lectures, group discussions, discovery and experiential learning sessions, comprehension quizzes and group and team learning interactive exercises.	<u>Option 1:</u> 8 hour delivery and exercise session with an 8:00AM start. <u>Option 2:</u> 8 hours starting at 01:00PM and flowing into the next morning.	Min: 5 Max: 16
PCA 5002	Facilitator-led Internet-enabled audio and visual lectures, group discussions, comprehension quizzes and group and team learning interactive exercises.	<u>Option 1:</u> Two 3-hour sessions in one day. <u>Option 2:</u> Two 3-hour sessions over two days.	Min: 5 Max: 25
PCA 5003	Facilitator-led Internet-enabled audio and visual lectures with a ten minute question and answer (Q&A) period at the end of each session.	Four one hour sessions.	Min: 5 Max: 50

7. Content customization

Your organization's specific additional content, special delivery needs or participation volume requirements may be blended into these courses. Please e-mail us (academy@purposefulclouds.com) to plan for any customization you require.